

WEBVTT

NOTE duration: "00:52:01.024"

NOTE Confidence: 0.9979111

00:00:02.000 --> 00:00:04.319 Okay. Good afternoon, everyone. Let's

NOTE Confidence: 0.9979111

00:00:04.319 --> 00:00:05.839 get started. Welcome to the

NOTE Confidence: 0.9979111

00:00:05.839 --> 00:00:06.339 last

NOTE Confidence: 0.9821057

00:00:07.040 --> 00:00:09.200 research in progress, meeting for

NOTE Confidence: 0.9821057

00:00:09.200 --> 00:00:10.480 twenty twenty five. It's great

NOTE Confidence: 0.9821057

00:00:10.480 --> 00:00:12.019 to see everyone here and

NOTE Confidence: 0.99853104

00:00:12.639 --> 00:00:13.139 online.

NOTE Confidence: 0.8532694

00:00:15.224 --> 00:00:15.724 Okay.

NOTE Confidence: 0.96225435

00:00:16.945 --> 00:00:17.445 So

NOTE Confidence: 0.86651164

00:00:19.545 --> 00:00:20.045 Yeah.

NOTE Confidence: 0.9318112

00:00:20.904 --> 00:00:21.864 So I just press,

NOTE Confidence: 0.9807391

00:00:24.185 --> 00:00:24.685 Okay.

NOTE Confidence: 0.96268994

00:00:26.105 --> 00:00:27.704 Okay. The CME code for

NOTE Confidence: 0.96268994

00:00:27.704 --> 00:00:28.985 today's meeting is five five

NOTE Confidence: 0.96268994

00:00:28.985 --> 00:00:30.505 six five eight. Five five  
NOTE Confidence: 0.96268994

00:00:30.505 --> 00:00:31.789 six five eight.  
NOTE Confidence: 0.9662014

00:00:33.770 --> 00:00:34.890 Just a reminder of our  
NOTE Confidence: 0.9662014

00:00:34.890 --> 00:00:36.570 re retreat schedule. We just,  
NOTE Confidence: 0.9662014

00:00:36.809 --> 00:00:39.129 completed our research and scholarship  
NOTE Confidence: 0.9662014

00:00:39.129 --> 00:00:39.629 retreat  
NOTE Confidence: 0.88515055

00:00:39.930 --> 00:00:41.610 a couple weeks ago. Have  
NOTE Confidence: 0.88515055

00:00:41.610 --> 00:00:43.370 your calendars marked for February  
NOTE Confidence: 0.88515055

00:00:43.370 --> 00:00:43.870 sixth  
NOTE Confidence: 0.97918683

00:00:44.285 --> 00:00:45.885 for the professional development retreat  
NOTE Confidence: 0.97918683

00:00:45.885 --> 00:00:47.585 and then the education retreat  
NOTE Confidence: 0.9680277

00:00:48.605 --> 00:00:49.725 in May. It was great  
NOTE Confidence: 0.9680277

00:00:49.725 --> 00:00:50.925 seeing everyone at the research  
NOTE Confidence: 0.9680277

00:00:50.925 --> 00:00:52.145 and scholarship retreat.  
NOTE Confidence: 0.9561986

00:00:52.925 --> 00:00:55.005 Thanks again, to Carrie Gross  
NOTE Confidence: 0.9561986

00:00:55.005 --> 00:00:56.605 and Jeanette Tetreault for organizing

NOTE Confidence: 0.9561986  
00:00:56.605 --> 00:00:57.905 what was really a spectacular  
NOTE Confidence: 0.9561986  
00:00:57.965 --> 00:00:58.465 day  
NOTE Confidence: 0.999521  
00:00:58.970 --> 00:01:00.510 of learning for everybody.  
NOTE Confidence: 0.94752306  
00:01:01.610 --> 00:01:03.390 This is our weekly reminder  
NOTE Confidence: 0.94752306  
00:01:03.450 --> 00:01:04.409 this time of year for  
NOTE Confidence: 0.94752306  
00:01:04.409 --> 00:01:06.090 the FDAQ process. So,  
NOTE Confidence: 0.9989849  
00:01:07.369 --> 00:01:08.729 we're in step one.  
NOTE Confidence: 0.96386117  
00:01:09.050 --> 00:01:10.170 I I've seen a number  
NOTE Confidence: 0.96386117  
00:01:10.170 --> 00:01:10.650 of these,  
NOTE Confidence: 0.9026764  
00:01:11.194 --> 00:01:13.034 completed FDA queue documents come  
NOTE Confidence: 0.9026764  
00:01:13.034 --> 00:01:13.515 in.  
NOTE Confidence: 0.83504665  
00:01:13.994 --> 00:01:14.494 Please,  
NOTE Confidence: 0.9736189  
00:01:15.274 --> 00:01:16.634 get those done. The deadline  
NOTE Confidence: 0.9736189  
00:01:16.634 --> 00:01:17.834 is on the slide there,  
NOTE Confidence: 0.9736189  
00:01:17.994 --> 00:01:19.354 February second. So you do  
NOTE Confidence: 0.9736189

00:01:19.354 --> 00:01:20.015 have time.  
NOTE Confidence: 0.9697629  
00:01:20.715 --> 00:01:21.755 But it's just a matter  
NOTE Confidence: 0.9697629  
00:01:21.755 --> 00:01:22.795 of sitting down and doing  
NOTE Confidence: 0.9697629  
00:01:22.795 --> 00:01:24.174 it as you all know,  
NOTE Confidence: 0.99931383  
00:01:24.520 --> 00:01:25.240 And the rest of the  
NOTE Confidence: 0.99931383  
00:01:25.240 --> 00:01:26.220 steps are outlined  
NOTE Confidence: 0.99676627  
00:01:26.680 --> 00:01:27.500 on the slide.  
NOTE Confidence: 0.97749555  
00:01:29.240 --> 00:01:30.920 Thanks to all who attended  
NOTE Confidence: 0.97749555  
00:01:30.920 --> 00:01:31.740 our annual,  
NOTE Confidence: 0.98842067  
00:01:32.280 --> 00:01:34.040 section holiday party. It was  
NOTE Confidence: 0.98842067  
00:01:34.040 --> 00:01:34.920 a lot of fun, a  
NOTE Confidence: 0.98842067  
00:01:34.920 --> 00:01:36.280 lot of food. We actually  
NOTE Confidence: 0.98842067  
00:01:36.280 --> 00:01:37.240 ran out of food for  
NOTE Confidence: 0.98842067  
00:01:37.240 --> 00:01:38.545 the first time, but that's  
NOTE Confidence: 0.98842067  
00:01:38.545 --> 00:01:39.604 okay. That means,  
NOTE Confidence: 0.970462  
00:01:40.145 --> 00:01:41.584 people were well fed. And,

NOTE Confidence: 0.970462  
00:01:41.584 --> 00:01:42.244 of course,  
NOTE Confidence: 0.9987621  
00:01:43.265 --> 00:01:44.244 we have our  
NOTE Confidence: 0.9383153  
00:01:44.944 --> 00:01:46.804 we had our ultrasounds there.  
NOTE Confidence: 0.86907834  
00:01:52.990 --> 00:01:54.369 It's that melody there.  
NOTE Confidence: 0.6564729  
00:01:57.149 --> 00:01:57.810 That's hard.  
NOTE Confidence: 0.7086766  
00:01:59.070 --> 00:01:59.570 So,  
NOTE Confidence: 0.7336208  
00:02:01.229 --> 00:02:02.689 thanks. The ultrasounds.  
NOTE Confidence: 0.9777247  
00:02:05.165 --> 00:02:06.445 Yes. These are this is  
NOTE Confidence: 0.9777247  
00:02:06.445 --> 00:02:08.705 a medical student acapella group.  
NOTE Confidence: 0.958775  
00:02:09.005 --> 00:02:09.805 Now we have a lot  
NOTE Confidence: 0.958775  
00:02:09.805 --> 00:02:11.085 of acapella groups here at  
NOTE Confidence: 0.958775  
00:02:11.085 --> 00:02:12.285 Yale, including at the medical  
NOTE Confidence: 0.958775  
00:02:12.285 --> 00:02:13.885 school. So these guys did  
NOTE Confidence: 0.958775  
00:02:13.885 --> 00:02:14.785 a great job.  
NOTE Confidence: 0.99804807  
00:02:18.600 --> 00:02:19.100 Okay.  
NOTE Confidence: 0.9915358

00:02:20.520 --> 00:02:21.020 So,  
NOTE Confidence: 0.999493

00:02:21.639 --> 00:02:23.260 for the next two weeks,  
NOTE Confidence: 0.96640015

00:02:24.120 --> 00:02:26.040 due to, the Christmas and  
NOTE Confidence: 0.96640015

00:02:26.040 --> 00:02:27.319 New Year's holidays, we will  
NOTE Confidence: 0.96640015

00:02:27.319 --> 00:02:28.300 not have meetings.  
NOTE Confidence: 0.9279334

00:02:29.160 --> 00:02:30.380 So happy holidays,  
NOTE Confidence: 0.9267126

00:02:31.075 --> 00:02:32.435 to everyone, and, of course,  
NOTE Confidence: 0.9267126

00:02:32.435 --> 00:02:33.895 a happy New Year.  
NOTE Confidence: 0.97802067

00:02:35.315 --> 00:02:36.755 And then we'll resume our,  
NOTE Confidence: 0.97802067

00:02:37.155 --> 00:02:38.675 meetings on January eighth.  
NOTE Confidence: 0.9781551

00:02:39.395 --> 00:02:40.915 Kelsey Bryant will be speaking  
NOTE Confidence: 0.9781551

00:02:40.915 --> 00:02:42.435 at our general medicine grand  
NOTE Confidence: 0.9781551

00:02:42.435 --> 00:02:43.655 rounds at seven thirty.  
NOTE Confidence: 0.98246044

00:02:44.430 --> 00:02:46.110 I read the hypertension guidelines,  
NOTE Confidence: 0.98246044

00:02:46.110 --> 00:02:47.650 so you don't have to.  
NOTE Confidence: 0.98246044

00:02:47.870 --> 00:02:48.850 That'll be good.

NOTE Confidence: 0.98751795  
00:02:49.310 --> 00:02:50.690 And then Jen Miller,  
NOTE Confidence: 0.99964875  
00:02:50.990 --> 00:02:52.110 will be here. Jen is  
NOTE Confidence: 0.99964875  
00:02:52.110 --> 00:02:52.850 here somewhere.  
NOTE Confidence: 0.9912159  
00:02:53.310 --> 00:02:54.510 Yes. There she is. Hi,  
NOTE Confidence: 0.9912159  
00:02:54.510 --> 00:02:55.010 Jen.  
NOTE Confidence: 0.9241087  
00:02:55.790 --> 00:02:56.990 She will be speaking on  
NOTE Confidence: 0.9241087  
00:02:56.990 --> 00:02:58.750 transparency, access, and ethics in  
NOTE Confidence: 0.9241087  
00:02:58.750 --> 00:03:00.475 the pharmaceutical c sector,  
NOTE Confidence: 0.95662403  
00:03:00.855 --> 00:03:02.694 an update on conceptual development  
NOTE Confidence: 0.95662403  
00:03:02.694 --> 00:03:03.355 and performance  
NOTE Confidence: 0.9922078  
00:03:03.655 --> 00:03:04.155 tracking  
NOTE Confidence: 0.9184731  
00:03:04.455 --> 00:03:06.635 with the good pharma scorecard.  
NOTE Confidence: 0.9184731  
00:03:06.694 --> 00:03:07.355 So that's  
NOTE Confidence: 0.9871801  
00:03:07.895 --> 00:03:08.395 next,  
NOTE Confidence: 0.9494351  
00:03:09.334 --> 00:03:11.415 January eighth, at seven thirty  
NOTE Confidence: 0.9494351

00:03:11.415 --> 00:03:13.355 and at noon. Be there.  
NOTE Confidence: 0.9463452

00:03:14.750 --> 00:03:16.690 Here's our usual disclosure slides.  
NOTE Confidence: 0.9130198

00:03:17.389 --> 00:03:18.850 And we have a special  
NOTE Confidence: 0.9130198

00:03:18.910 --> 00:03:20.110 out of town guest today.  
NOTE Confidence: 0.9130198

00:03:20.110 --> 00:03:21.330 I'll have Carrie Gross  
NOTE Confidence: 0.9661178

00:03:21.790 --> 00:03:23.330 introduce our speaker. Carrie.  
NOTE Confidence: 0.9486084

00:03:28.424 --> 00:03:29.385 Thank you. I I will  
NOTE Confidence: 0.9486084

00:03:29.385 --> 00:03:30.845 not be providing the harmonies,  
NOTE Confidence: 0.9486084

00:03:30.905 --> 00:03:32.745 but we'll be providing a,  
NOTE Confidence: 0.9486084

00:03:32.985 --> 00:03:34.364 a welcome to our guest,  
NOTE Confidence: 0.9436745

00:03:34.665 --> 00:03:35.944 Chris Kai. So,  
NOTE Confidence: 0.982518

00:03:36.905 --> 00:03:38.985 Chris comes to us, well,  
NOTE Confidence: 0.982518

00:03:38.985 --> 00:03:40.345 now comes to us from,  
NOTE Confidence: 0.8992285

00:03:41.240 --> 00:03:42.440 Boston and the Brigham where  
NOTE Confidence: 0.8992285

00:03:42.440 --> 00:03:43.960 he's currently a general medicine  
NOTE Confidence: 0.8992285

00:03:43.960 --> 00:03:44.460 fellow.

NOTE Confidence: 0.9935272

00:03:44.840 --> 00:03:45.740 And, I'm

NOTE Confidence: 0.9995773

00:03:46.040 --> 00:03:47.160 excited for a number of

NOTE Confidence: 0.9995773

00:03:47.160 --> 00:03:48.280 reasons to have you here.

NOTE Confidence: 0.9995773

00:03:48.280 --> 00:03:49.100 First of all,

NOTE Confidence: 0.95340645

00:03:49.960 --> 00:03:51.640 just reading your work over

NOTE Confidence: 0.95340645

00:03:51.640 --> 00:03:52.780 the years and actually,

NOTE Confidence: 0.9681979

00:03:53.475 --> 00:03:55.235 within JAMA Internal Medicine, being

NOTE Confidence: 0.9681979

00:03:55.235 --> 00:03:55.955 able to work with you

NOTE Confidence: 0.9681979

00:03:55.955 --> 00:03:57.095 on some of your manuscript

NOTE Confidence: 0.9681979

00:03:57.235 --> 00:03:58.695 submissions and seeing the,

NOTE Confidence: 0.9770309

00:03:59.235 --> 00:04:01.475 terrific, innovative, and impactful work

NOTE Confidence: 0.9770309

00:04:01.475 --> 00:04:02.455 you've been doing,

NOTE Confidence: 0.95716476

00:04:04.435 --> 00:04:05.495 leaves me really,

NOTE Confidence: 0.9985978

00:04:05.875 --> 00:04:07.710 excited about meeting you and

NOTE Confidence: 0.9985978

00:04:07.710 --> 00:04:08.930 hearing your talk today.

NOTE Confidence: 0.9615686

00:04:09.630 --> 00:04:10.590 Those some of you may  
NOTE Confidence: 0.9615686

00:04:10.590 --> 00:04:11.890 remember that the original,  
NOTE Confidence: 0.9781468

00:04:12.590 --> 00:04:13.710 lecture was supposed to be  
NOTE Confidence: 0.9781468

00:04:13.710 --> 00:04:15.010 six weeks ago, but,  
NOTE Confidence: 0.67473483

00:04:15.950 --> 00:04:16.450 Chris's  
NOTE Confidence: 0.6678913

00:04:16.830 --> 00:04:17.890 baby Ezra  
NOTE Confidence: 0.96531814

00:04:18.670 --> 00:04:19.875 had other plans. It was  
NOTE Confidence: 0.96531814

00:04:20.115 --> 00:04:21.714 delivered pretty much, like, exactly  
NOTE Confidence: 0.96531814

00:04:21.714 --> 00:04:22.675 at the same time as  
NOTE Confidence: 0.96531814

00:04:22.675 --> 00:04:23.955 the the new conference was  
NOTE Confidence: 0.96531814

00:04:23.955 --> 00:04:24.775 scheduled for.  
NOTE Confidence: 0.9698216

00:04:25.235 --> 00:04:25.635 So,  
NOTE Confidence: 0.9747722

00:04:26.595 --> 00:04:27.895 and kudos to  
NOTE Confidence: 0.99650246

00:04:28.195 --> 00:04:29.795 Ezra for making his voice  
NOTE Confidence: 0.99650246

00:04:29.795 --> 00:04:30.295 heard.  
NOTE Confidence: 0.98622656

00:04:32.115 --> 00:04:34.339 Chris began his education,

NOTE Confidence: 0.967941  
00:04:34.719 --> 00:04:36.240 in Virginia. He's been out  
NOTE Confidence: 0.967941  
00:04:36.240 --> 00:04:38.080 at UCSF for medical school  
NOTE Confidence: 0.967941  
00:04:38.080 --> 00:04:39.279 back here to the Brigham  
NOTE Confidence: 0.967941  
00:04:39.279 --> 00:04:40.659 for residency and,  
NOTE Confidence: 0.98256236  
00:04:41.039 --> 00:04:41.919 on the East Coast, I  
NOTE Confidence: 0.98256236  
00:04:41.919 --> 00:04:43.759 should say, for residency and  
NOTE Confidence: 0.98256236  
00:04:43.759 --> 00:04:44.500 for fellowship.  
NOTE Confidence: 0.97835577  
00:04:45.279 --> 00:04:46.719 And we're really excited to,  
NOTE Confidence: 0.97835577  
00:04:46.960 --> 00:04:48.319 welcome you here to Yale  
NOTE Confidence: 0.97835577  
00:04:48.319 --> 00:04:49.785 to talk about changes in  
NOTE Confidence: 0.97835577  
00:04:49.785 --> 00:04:52.105 medication use after the Inflation  
NOTE Confidence: 0.97835577  
00:04:52.105 --> 00:04:53.165 Reduction Act,  
NOTE Confidence: 0.92963105  
00:04:53.705 --> 00:04:55.565 difference in differences analysis.  
NOTE Confidence: 0.9983293  
00:04:55.945 --> 00:04:56.685 Thank you.  
NOTE Confidence: 0.9862555  
00:05:00.825 --> 00:05:01.325 Okay.  
NOTE Confidence: 0.94312495

00:05:04.279 --> 00:05:05.240 So thank you so much  
NOTE Confidence: 0.94312495

00:05:05.240 --> 00:05:06.620 for a very warm introduction.  
NOTE Confidence: 0.9834825

00:05:07.320 --> 00:05:08.600 I'm thrilled to be here,  
NOTE Confidence: 0.9834825

00:05:08.600 --> 00:05:09.900 and, I welcome,  
NOTE Confidence: 0.952068

00:05:10.839 --> 00:05:12.760 any, you know, questions or  
NOTE Confidence: 0.952068

00:05:12.760 --> 00:05:14.760 feedback and interruptions. So, just  
NOTE Confidence: 0.952068

00:05:14.760 --> 00:05:16.040 really excited to chat with  
NOTE Confidence: 0.952068

00:05:16.040 --> 00:05:16.760 you all. So thank you  
NOTE Confidence: 0.952068

00:05:16.760 --> 00:05:17.740 for having me.  
NOTE Confidence: 0.9804891

00:05:19.425 --> 00:05:20.545 So I have about thirty  
NOTE Confidence: 0.9804891

00:05:20.545 --> 00:05:21.985 five to forty minutes of  
NOTE Confidence: 0.9804891

00:05:21.985 --> 00:05:23.045 material today,  
NOTE Confidence: 0.92758954

00:05:23.585 --> 00:05:24.085 and,  
NOTE Confidence: 0.9642401

00:05:24.625 --> 00:05:25.825 breaking it down. We'll spend  
NOTE Confidence: 0.9642401

00:05:25.825 --> 00:05:26.785 a little bit about my  
NOTE Confidence: 0.9642401

00:05:26.785 --> 00:05:27.765 personal background,

NOTE Confidence: 0.99870396  
00:05:29.105 --> 00:05:30.545 review some of the prior  
NOTE Confidence: 0.99870396  
00:05:30.545 --> 00:05:31.665 work I've done as a  
NOTE Confidence: 0.99870396  
00:05:31.665 --> 00:05:32.865 resident and a fellow,  
NOTE Confidence: 0.9991224  
00:05:33.345 --> 00:05:34.085 and then  
NOTE Confidence: 0.93564194  
00:05:34.510 --> 00:05:36.130 spend about twenty five minutes  
NOTE Confidence: 0.93564194  
00:05:36.190 --> 00:05:36.670 on,  
NOTE Confidence: 0.985139  
00:05:37.470 --> 00:05:39.070 some papers on the Inflation  
NOTE Confidence: 0.985139  
00:05:39.070 --> 00:05:40.830 Reduction Act, which, is a  
NOTE Confidence: 0.985139  
00:05:40.830 --> 00:05:42.690 big piece of legislation that  
NOTE Confidence: 0.985139  
00:05:42.910 --> 00:05:44.510 totally changed the way we  
NOTE Confidence: 0.985139  
00:05:44.510 --> 00:05:46.270 pay for prescription drugs for  
NOTE Confidence: 0.985139  
00:05:46.270 --> 00:05:47.250 people with Medicare,  
NOTE Confidence: 0.92390394  
00:05:48.214 --> 00:05:50.055 who represent about fifty million  
NOTE Confidence: 0.92390394  
00:05:50.055 --> 00:05:50.555 people,  
NOTE Confidence: 0.99582976  
00:05:50.935 --> 00:05:51.835 in the US.  
NOTE Confidence: 0.9748713

00:05:52.855 --> 00:05:54.375 And then I'll end with  
NOTE Confidence: 0.9748713

00:05:54.375 --> 00:05:55.654 the preview of what I  
NOTE Confidence: 0.9748713

00:05:55.654 --> 00:05:56.695 hope to do as a  
NOTE Confidence: 0.9748713

00:05:56.695 --> 00:05:59.255 junior faculty member, which focuses  
NOTE Confidence: 0.9748713

00:05:59.255 --> 00:06:00.695 on on a k award  
NOTE Confidence: 0.9748713

00:06:00.695 --> 00:06:02.154 application to the National  
NOTE Confidence: 0.99411273

00:06:02.979 --> 00:06:04.039 Institute on Aging.  
NOTE Confidence: 0.9989234

00:06:05.460 --> 00:06:06.740 I wanna thank everyone who  
NOTE Confidence: 0.9989234

00:06:06.740 --> 00:06:07.960 made this visit possible.  
NOTE Confidence: 0.86618215

00:06:09.139 --> 00:06:10.979 My son came a little  
NOTE Confidence: 0.86618215

00:06:10.979 --> 00:06:11.479 early,  
NOTE Confidence: 0.99736136

00:06:12.419 --> 00:06:13.139 on the day I was  
NOTE Confidence: 0.99736136

00:06:13.139 --> 00:06:13.860 supposed to be here, and  
NOTE Confidence: 0.99736136

00:06:13.860 --> 00:06:15.060 so he's very excited. He's  
NOTE Confidence: 0.99736136

00:06:15.139 --> 00:06:16.120 I know he's exploring  
NOTE Confidence: 0.9518606

00:06:16.495 --> 00:06:17.615 New Haven with my wife

NOTE Confidence: 0.9518606  
00:06:17.615 --> 00:06:19.294 right now, and so, these  
NOTE Confidence: 0.9518606  
00:06:19.294 --> 00:06:19.955 are some,  
NOTE Confidence: 0.7508683  
00:06:20.895 --> 00:06:21.395 photos  
NOTE Confidence: 0.9844539  
00:06:21.854 --> 00:06:22.914 to you know,  
NOTE Confidence: 0.957758  
00:06:23.615 --> 00:06:24.335 that I just had to  
NOTE Confidence: 0.957758  
00:06:24.335 --> 00:06:25.235 share. You know?  
NOTE Confidence: 0.95218635  
00:06:28.414 --> 00:06:30.035 So, just for background,  
NOTE Confidence: 0.99187684  
00:06:30.574 --> 00:06:31.890 you know, I grew up  
NOTE Confidence: 0.99187684  
00:06:31.970 --> 00:06:33.170 as the son of two  
NOTE Confidence: 0.99187684  
00:06:33.170 --> 00:06:35.490 Chinese immigrants, and this really  
NOTE Confidence: 0.99187684  
00:06:35.490 --> 00:06:37.190 was tremendously influential.  
NOTE Confidence: 0.98993313  
00:06:38.050 --> 00:06:39.410 I got to see what  
NOTE Confidence: 0.98993313  
00:06:39.410 --> 00:06:40.290 it was like to be  
NOTE Confidence: 0.98993313  
00:06:40.290 --> 00:06:41.190 a new American,  
NOTE Confidence: 0.9400371  
00:06:42.210 --> 00:06:44.050 some of the wonderful things  
NOTE Confidence: 0.9400371

00:06:44.050 --> 00:06:44.930 that come with that, and  
NOTE Confidence: 0.9400371

00:06:44.930 --> 00:06:45.915 of course, some of,  
NOTE Confidence: 0.9919719

00:06:46.714 --> 00:06:47.835 the challenges that come with  
NOTE Confidence: 0.9919719

00:06:47.835 --> 00:06:48.075 that.  
NOTE Confidence: 0.95388573

00:06:48.795 --> 00:06:50.635 I remember growing up seeing,  
NOTE Confidence: 0.95688105

00:06:51.355 --> 00:06:52.635 my parents went through periods  
NOTE Confidence: 0.95688105

00:06:52.635 --> 00:06:53.515 where they didn't have health  
NOTE Confidence: 0.95688105

00:06:53.515 --> 00:06:55.195 insurance. And even as a  
NOTE Confidence: 0.95688105

00:06:55.195 --> 00:06:56.635 young kid, you begin to  
NOTE Confidence: 0.95688105

00:06:56.635 --> 00:06:58.360 wonder, Oh, wow, like what  
NOTE Confidence: 0.95688105

00:06:58.440 --> 00:07:00.120 how is this affecting, their  
NOTE Confidence: 0.95688105

00:07:00.120 --> 00:07:01.400 lives? And I remember one  
NOTE Confidence: 0.95688105

00:07:01.400 --> 00:07:02.300 story I'll share.  
NOTE Confidence: 0.9628255

00:07:03.080 --> 00:07:04.279 My mom had a jaw  
NOTE Confidence: 0.9628255

00:07:04.279 --> 00:07:05.720 tumor where she really delayed  
NOTE Confidence: 0.9628255

00:07:05.720 --> 00:07:06.919 care because she didn't have

NOTE Confidence: 0.9628255  
00:07:06.919 --> 00:07:08.139 health insurance. And,  
NOTE Confidence: 0.9686143  
00:07:08.599 --> 00:07:09.800 from a young age that  
NOTE Confidence: 0.9686143  
00:07:09.800 --> 00:07:11.555 got me interested into what,  
NOTE Confidence: 0.9686143  
00:07:11.555 --> 00:07:12.435 you know, what was going  
NOTE Confidence: 0.9686143  
00:07:12.435 --> 00:07:13.474 on and and why,  
NOTE Confidence: 0.87750643  
00:07:14.115 --> 00:07:16.215 why why these larger systems,  
NOTE Confidence: 0.99694884  
00:07:16.835 --> 00:07:17.335 existed.  
NOTE Confidence: 0.99584895  
00:07:19.235 --> 00:07:20.194 I did medical or I  
NOTE Confidence: 0.99584895  
00:07:20.194 --> 00:07:21.875 did undergrad at the University  
NOTE Confidence: 0.99584895  
00:07:21.875 --> 00:07:23.155 of Virginia, and I didn't  
NOTE Confidence: 0.99584895  
00:07:23.155 --> 00:07:24.034 really know what I wanted  
NOTE Confidence: 0.99584895  
00:07:24.034 --> 00:07:24.675 to study. I,  
NOTE Confidence: 0.8807566  
00:07:25.630 --> 00:07:26.590 you know, basically,  
NOTE Confidence: 0.97921294  
00:07:27.070 --> 00:07:28.190 did a major that really  
NOTE Confidence: 0.97921294  
00:07:28.190 --> 00:07:29.330 was a lot of anthropology  
NOTE Confidence: 0.97921294

00:07:29.470 --> 00:07:29.970 classes.  
NOTE Confidence: 0.9800155  
00:07:30.350 --> 00:07:31.790 And I knew that I  
NOTE Confidence: 0.9800155  
00:07:31.790 --> 00:07:33.070 wanted to go into medicine,  
NOTE Confidence: 0.9800155  
00:07:33.070 --> 00:07:34.270 but wasn't sure how to  
NOTE Confidence: 0.9800155  
00:07:34.270 --> 00:07:35.230 bring it all together.  
NOTE Confidence: 0.9433546  
00:07:35.790 --> 00:07:37.230 And it wasn't until medical  
NOTE Confidence: 0.9433546  
00:07:37.230 --> 00:07:39.345 school, I, did a a  
NOTE Confidence: 0.9433546  
00:07:39.345 --> 00:07:40.865 special program at my medical  
NOTE Confidence: 0.9433546  
00:07:40.865 --> 00:07:41.845 school at UCSF,  
NOTE Confidence: 0.960903  
00:07:42.145 --> 00:07:43.425 where you do your rotations  
NOTE Confidence: 0.960903  
00:07:43.425 --> 00:07:45.025 at the county hospital. And,  
NOTE Confidence: 0.92675906  
00:07:45.905 --> 00:07:47.425 I began to say, okay,  
NOTE Confidence: 0.92675906  
00:07:47.425 --> 00:07:48.805 this is, like, very interesting.  
NOTE Confidence: 0.92675906  
00:07:48.865 --> 00:07:49.905 Then I got to see  
NOTE Confidence: 0.92675906  
00:07:49.905 --> 00:07:50.405 firsthand,  
NOTE Confidence: 0.98899174  
00:07:51.389 --> 00:07:53.310 how important health insurance is

NOTE Confidence: 0.98899174  
00:07:53.310 --> 00:07:53.710 to,  
NOTE Confidence: 0.9867498  
00:07:54.350 --> 00:07:56.350 clinical outcomes. And that was  
NOTE Confidence: 0.9867498  
00:07:56.350 --> 00:07:57.630 really when I decided I'd  
NOTE Confidence: 0.9867498  
00:07:57.630 --> 00:07:58.590 like to go down this  
NOTE Confidence: 0.9867498  
00:07:58.590 --> 00:08:00.270 road of primary care and,  
NOTE Confidence: 0.9867498  
00:08:00.509 --> 00:08:01.330 health policy.  
NOTE Confidence: 0.9702263  
00:08:04.695 --> 00:08:06.455 At the time, Medicare for  
NOTE Confidence: 0.9702263  
00:08:06.455 --> 00:08:07.335 all was really at the  
NOTE Confidence: 0.9702263  
00:08:07.335 --> 00:08:09.515 national forefront of the policy  
NOTE Confidence: 0.9702263  
00:08:09.575 --> 00:08:11.255 discussion, and so I was  
NOTE Confidence: 0.9702263  
00:08:11.255 --> 00:08:12.795 motivated to try to understand  
NOTE Confidence: 0.9702263  
00:08:12.855 --> 00:08:13.975 a little bit the larger  
NOTE Confidence: 0.9702263  
00:08:13.975 --> 00:08:15.575 structural forces which,  
NOTE Confidence: 0.8834481  
00:08:16.295 --> 00:08:18.075 influenced patient care. And so,  
NOTE Confidence: 0.95363194  
00:08:18.695 --> 00:08:20.330 I spent a summer working  
NOTE Confidence: 0.95363194

00:08:20.330 --> 00:08:21.470 in the House of Representatives  
NOTE Confidence: 0.95363194

00:08:21.610 --> 00:08:23.210 and working on the Medicare  
NOTE Confidence: 0.95363194

00:08:23.210 --> 00:08:24.490 for all bill. And my  
NOTE Confidence: 0.95363194

00:08:24.490 --> 00:08:25.530 goal was to really bring  
NOTE Confidence: 0.95363194

00:08:25.530 --> 00:08:27.629 an academic lens to a  
NOTE Confidence: 0.95363194

00:08:27.770 --> 00:08:28.889 healthcare debate, which was  
NOTE Confidence: 0.95363194

00:08:28.889 --> 00:08:29.949 really being politicized.  
NOTE Confidence: 0.93819803

00:08:30.330 --> 00:08:32.010 And I, we we did  
NOTE Confidence: 0.93819803

00:08:32.010 --> 00:08:33.149 studies which found  
NOTE Confidence: 0.9986118

00:08:33.525 --> 00:08:34.184 the legislation  
NOTE Confidence: 0.9856766

00:08:34.485 --> 00:08:36.745 could, reduce national health expenditures  
NOTE Confidence: 0.9856766

00:08:36.885 --> 00:08:38.725 and increase resources for primary  
NOTE Confidence: 0.9856766

00:08:38.725 --> 00:08:39.385 care. And,  
NOTE Confidence: 0.9809515

00:08:39.925 --> 00:08:41.285 we we published those in  
NOTE Confidence: 0.9809515

00:08:41.285 --> 00:08:42.405 journals and shared them with  
NOTE Confidence: 0.9809515

00:08:42.405 --> 00:08:44.245 lawmakers. And this was the

NOTE Confidence: 0.9809515  
00:08:44.245 --> 00:08:45.684 first time where I I  
NOTE Confidence: 0.9809515  
00:08:45.684 --> 00:08:46.980 thought, oh, wow. Like, if  
NOTE Confidence: 0.9809515  
00:08:47.059 --> 00:08:48.899 doing research, you can play  
NOTE Confidence: 0.9809515  
00:08:48.899 --> 00:08:49.940 a small part in the  
NOTE Confidence: 0.9809515  
00:08:49.940 --> 00:08:51.620 larger health policy debate. And  
NOTE Confidence: 0.9809515  
00:08:51.620 --> 00:08:53.300 that was very, exciting for  
NOTE Confidence: 0.9809515  
00:08:53.300 --> 00:08:53.800 me.  
NOTE Confidence: 0.9719478  
00:08:55.459 --> 00:08:56.579 I did a residency in  
NOTE Confidence: 0.9719478  
00:08:56.579 --> 00:08:57.860 internal medicine with my now  
NOTE Confidence: 0.9719478  
00:08:57.860 --> 00:08:58.820 wife, and this is one  
NOTE Confidence: 0.9719478  
00:08:58.820 --> 00:09:00.199 of the first pages that,  
NOTE Confidence: 0.99081355  
00:09:01.235 --> 00:09:02.355 we were able to send,  
NOTE Confidence: 0.99081355  
00:09:02.595 --> 00:09:03.415 to each other.  
NOTE Confidence: 0.9544599  
00:09:03.795 --> 00:09:04.675 And I think it's really  
NOTE Confidence: 0.9544599  
00:09:04.675 --> 00:09:05.975 appropriate that it's an FYI  
NOTE Confidence: 0.9544599

00:09:06.035 --> 00:09:06.995 page. You know, you have  
NOTE Confidence: 0.9544599

00:09:06.995 --> 00:09:08.355 to be appropriate on the  
NOTE Confidence: 0.9544599

00:09:08.355 --> 00:09:09.955 level of triage for your  
NOTE Confidence: 0.9544599

00:09:09.955 --> 00:09:10.855 pages. So,  
NOTE Confidence: 0.9772703

00:09:11.394 --> 00:09:12.915 I'm glad that I, was  
NOTE Confidence: 0.9772703

00:09:12.915 --> 00:09:14.115 able to do that, day  
NOTE Confidence: 0.9772703

00:09:14.115 --> 00:09:15.415 one of intern year.  
NOTE Confidence: 0.8116256

00:09:17.140 --> 00:09:17.860 I did,  
NOTE Confidence: 0.9356775

00:09:18.340 --> 00:09:20.340 my, continuity clinic as a  
NOTE Confidence: 0.9356775

00:09:20.340 --> 00:09:21.800 resident was at FQHC,  
NOTE Confidence: 0.9883905

00:09:22.660 --> 00:09:23.160 and,  
NOTE Confidence: 0.9522063

00:09:23.620 --> 00:09:25.059 federally qualified health center in  
NOTE Confidence: 0.9522063

00:09:25.059 --> 00:09:25.559 Dorchester.  
NOTE Confidence: 0.9890307

00:09:26.980 --> 00:09:28.545 And this was something that  
NOTE Confidence: 0.9890307

00:09:28.545 --> 00:09:29.745 was really attractive to me  
NOTE Confidence: 0.9890307

00:09:29.745 --> 00:09:30.705 when trying to figure out

NOTE Confidence: 0.9890307  
00:09:30.705 --> 00:09:31.665 where I wanted to train.  
NOTE Confidence: 0.9890307  
00:09:31.665 --> 00:09:32.165 And,  
NOTE Confidence: 0.99846345  
00:09:32.545 --> 00:09:33.445 I just remember  
NOTE Confidence: 0.92316216  
00:09:34.225 --> 00:09:35.425 rotating, you know, in the  
NOTE Confidence: 0.92316216  
00:09:35.425 --> 00:09:35.925 coronary,  
NOTE Confidence: 0.95380986  
00:09:36.545 --> 00:09:37.905 academic medical center and then  
NOTE Confidence: 0.95380986  
00:09:37.905 --> 00:09:39.745 driving thirty minutes. And you  
NOTE Confidence: 0.95380986  
00:09:39.745 --> 00:09:40.865 meet patients who have never  
NOTE Confidence: 0.95380986  
00:09:40.865 --> 00:09:42.360 seen a physician and who  
NOTE Confidence: 0.95380986  
00:09:42.360 --> 00:09:43.960 have, you know, come into  
NOTE Confidence: 0.95380986  
00:09:43.960 --> 00:09:45.640 you with hemoptysis and are  
NOTE Confidence: 0.95380986  
00:09:45.640 --> 00:09:47.660 refugees from other countries. And  
NOTE Confidence: 0.95380986  
00:09:47.720 --> 00:09:49.240 it's a very humbling experience  
NOTE Confidence: 0.95380986  
00:09:49.240 --> 00:09:51.320 and really cemented my interest  
NOTE Confidence: 0.95380986  
00:09:51.320 --> 00:09:52.779 in primary care and,  
NOTE Confidence: 0.9604508

00:09:53.160 --> 00:09:55.080 working in the social safety  
NOTE Confidence: 0.9604508  
00:09:55.080 --> 00:09:55.580 net.  
NOTE Confidence: 0.9711463  
00:09:57.075 --> 00:09:58.774 And so through these experiences,  
NOTE Confidence: 0.8697543  
00:09:59.075 --> 00:09:59.575 I've,  
NOTE Confidence: 0.97078514  
00:10:00.755 --> 00:10:01.955 zeroed in on what I  
NOTE Confidence: 0.97078514  
00:10:01.955 --> 00:10:03.395 hope is the motivating question  
NOTE Confidence: 0.97078514  
00:10:03.395 --> 00:10:04.274 for my work, which is  
NOTE Confidence: 0.97078514  
00:10:04.274 --> 00:10:05.395 how can we reform the  
NOTE Confidence: 0.97078514  
00:10:05.395 --> 00:10:06.195 way we pay for health  
NOTE Confidence: 0.97078514  
00:10:06.195 --> 00:10:06.515 care,  
NOTE Confidence: 0.98529446  
00:10:07.075 --> 00:10:08.515 in the service of promoting  
NOTE Confidence: 0.98529446  
00:10:08.515 --> 00:10:09.575 justice, efficiency,  
NOTE Confidence: 0.8985293  
00:10:10.115 --> 00:10:11.175 and patient outcomes?  
NOTE Confidence: 0.9866457  
00:10:12.370 --> 00:10:13.910 And I really see Medicare  
NOTE Confidence: 0.9866457  
00:10:14.050 --> 00:10:15.490 as the area that I  
NOTE Confidence: 0.9866457  
00:10:15.490 --> 00:10:16.610 would like to focus on

NOTE Confidence: 0.9866457  
00:10:16.610 --> 00:10:17.490 the first few years as  
NOTE Confidence: 0.9866457  
00:10:17.490 --> 00:10:18.690 a junior faculty member.  
NOTE Confidence: 0.96480954  
00:10:19.649 --> 00:10:21.010 And though I've branched out  
NOTE Confidence: 0.96480954  
00:10:21.010 --> 00:10:22.529 and looked at other aspects  
NOTE Confidence: 0.96480954  
00:10:22.529 --> 00:10:24.209 of healthcare financing and payment  
NOTE Confidence: 0.96480954  
00:10:24.209 --> 00:10:25.970 reform, like private equity and,  
NOTE Confidence: 0.9946342  
00:10:26.675 --> 00:10:28.295 the generic drug marketplace.  
NOTE Confidence: 0.96826637  
00:10:29.795 --> 00:10:31.254 And in terms of methods,  
NOTE Confidence: 0.96826637  
00:10:31.475 --> 00:10:32.675 as a resident and a  
NOTE Confidence: 0.96826637  
00:10:32.675 --> 00:10:34.355 medical student, I really focused  
NOTE Confidence: 0.96826637  
00:10:34.355 --> 00:10:36.675 on descriptive methods, like time  
NOTE Confidence: 0.96826637  
00:10:36.675 --> 00:10:38.295 trends, systematic reviews,  
NOTE Confidence: 0.93165594  
00:10:38.754 --> 00:10:39.875 and as a fellow, have  
NOTE Confidence: 0.93165594  
00:10:39.875 --> 00:10:41.070 tried to gain more skills  
NOTE Confidence: 0.93165594  
00:10:41.070 --> 00:10:42.770 in quasi experimental methods,  
NOTE Confidence: 0.9957202

00:10:44.030 --> 00:10:45.010 including pharmacoepidemiology  
NOTE Confidence: 0.97926944

00:10:45.790 --> 00:10:48.110 and and, techniques from the  
NOTE Confidence: 0.97926944

00:10:48.110 --> 00:10:48.610 econometrics,  
NOTE Confidence: 0.8802555

00:10:49.390 --> 00:10:51.330 literature, like difference in differences.  
NOTE Confidence: 0.9752176

00:10:52.670 --> 00:10:53.644 So hoping to spend a  
NOTE Confidence: 0.9752176

00:10:53.644 --> 00:10:55.165 few minutes just talking about  
NOTE Confidence: 0.9752176

00:10:55.165 --> 00:10:56.125 some of the work I've  
NOTE Confidence: 0.9752176

00:10:56.125 --> 00:10:57.024 done and then,  
NOTE Confidence: 0.9972845

00:10:57.404 --> 00:10:58.845 dive more deeply into a  
NOTE Confidence: 0.9972845

00:10:58.845 --> 00:10:59.725 study that I think has  
NOTE Confidence: 0.9972845

00:10:59.725 --> 00:11:00.944 a lot of clinical relevance,  
NOTE Confidence: 0.9868204

00:11:01.404 --> 00:11:03.264 on the Inflation Reduction Act.  
NOTE Confidence: 0.99445033

00:11:04.940 --> 00:11:05.839 So as a resident,  
NOTE Confidence: 0.94868404

00:11:06.140 --> 00:11:07.500 I did a series of  
NOTE Confidence: 0.94868404

00:11:07.500 --> 00:11:09.120 studies looking at racial disparities  
NOTE Confidence: 0.94868404

00:11:09.420 --> 00:11:12.079 and, high value diabetes medications,

NOTE Confidence: 0.979282  
00:11:13.179 --> 00:11:13.740 finding that,  
NOTE Confidence: 0.99594516  
00:11:14.459 --> 00:11:14.959 unsurprisingly,  
NOTE Confidence: 0.9650988  
00:11:16.140 --> 00:11:17.820 minority patients are less likely  
NOTE Confidence: 0.9650988  
00:11:17.820 --> 00:11:20.000 to receive SGLT twos and  
NOTE Confidence: 0.9650988  
00:11:20.184 --> 00:11:21.005 GLP ones,  
NOTE Confidence: 0.9760024  
00:11:21.705 --> 00:11:22.905 which could be because of  
NOTE Confidence: 0.9760024  
00:11:22.905 --> 00:11:25.245 lower visit rates to, specialist,  
NOTE Confidence: 0.95617646  
00:11:25.625 --> 00:11:26.825 physicians who at the time  
NOTE Confidence: 0.95617646  
00:11:26.825 --> 00:11:27.945 were much more likely to  
NOTE Confidence: 0.95617646  
00:11:27.945 --> 00:11:29.165 prescribe these medications.  
NOTE Confidence: 0.9903842  
00:11:31.305 --> 00:11:33.065 Building on my prior interest  
NOTE Confidence: 0.9903842  
00:11:33.065 --> 00:11:34.205 in Medicare policy,  
NOTE Confidence: 0.9346468  
00:11:35.030 --> 00:11:36.309 did a series of studies  
NOTE Confidence: 0.9346468  
00:11:36.309 --> 00:11:38.870 with, colleagues and, looking at  
NOTE Confidence: 0.9346468  
00:11:38.870 --> 00:11:40.870 the receipt of supplemental benefits,  
NOTE Confidence: 0.9346468

00:11:40.870 --> 00:11:42.630 dental, vision, and hearing in,  
NOTE Confidence: 0.9346468

00:11:43.110 --> 00:11:44.010 Medicare Advantage,  
NOTE Confidence: 0.97668284

00:11:44.950 --> 00:11:46.410 which is a very important  
NOTE Confidence: 0.97668284

00:11:46.470 --> 00:11:48.585 policy debate because Medicare Advantage  
NOTE Confidence: 0.97668284

00:11:48.585 --> 00:11:49.865 is paid more to provide  
NOTE Confidence: 0.97668284

00:11:49.865 --> 00:11:51.065 these benefits. And we found  
NOTE Confidence: 0.97668284

00:11:51.065 --> 00:11:51.565 that,  
NOTE Confidence: 0.9830312

00:11:51.945 --> 00:11:53.065 in a series of studies  
NOTE Confidence: 0.9830312

00:11:53.065 --> 00:11:54.665 that patients don't actually receive  
NOTE Confidence: 0.9830312

00:11:54.665 --> 00:11:56.025 those benefits at a higher  
NOTE Confidence: 0.9830312

00:11:56.025 --> 00:11:56.425 rate.  
NOTE Confidence: 0.9900411

00:11:57.225 --> 00:11:58.525 And so this has implications  
NOTE Confidence: 0.9900411

00:11:58.585 --> 00:11:59.465 for the way we pay  
NOTE Confidence: 0.9900411

00:11:59.465 --> 00:12:01.085 for, Medicare Advantage.  
NOTE Confidence: 0.96644884

00:12:02.559 --> 00:12:03.839 And as a fellow, really  
NOTE Confidence: 0.96644884

00:12:03.839 --> 00:12:06.019 focused on prescription drug policy

NOTE Confidence: 0.96644884  
00:12:06.079 --> 00:12:06.579 work.  
NOTE Confidence: 0.9737438  
00:12:06.959 --> 00:12:07.459 So,  
NOTE Confidence: 0.9702571  
00:12:08.160 --> 00:12:09.540 we looked at a program  
NOTE Confidence: 0.9702571  
00:12:09.600 --> 00:12:10.800 that would have capped out  
NOTE Confidence: 0.9702571  
00:12:10.800 --> 00:12:12.160 of pocket costs to two  
NOTE Confidence: 0.9702571  
00:12:12.160 --> 00:12:13.860 dollars for generic medications,  
NOTE Confidence: 0.9968434  
00:12:14.735 --> 00:12:15.695 and found that it would  
NOTE Confidence: 0.9968434  
00:12:15.695 --> 00:12:17.135 only save about ten dollars  
NOTE Confidence: 0.9968434  
00:12:17.135 --> 00:12:17.635 annually,  
NOTE Confidence: 0.99697095  
00:12:18.015 --> 00:12:19.295 for thirty eight percent of  
NOTE Confidence: 0.99697095  
00:12:19.295 --> 00:12:20.355 Medicare beneficiaries.  
NOTE Confidence: 0.9062864  
00:12:21.695 --> 00:12:23.135 And we use this to,  
NOTE Confidence: 0.9062864  
00:12:23.455 --> 00:12:24.575 we shared the results with  
NOTE Confidence: 0.9062864  
00:12:24.575 --> 00:12:25.075 CMS,  
NOTE Confidence: 0.9612845  
00:12:25.774 --> 00:12:27.054 Center for Medicare and Medicaid  
NOTE Confidence: 0.9612845

00:12:27.054 --> 00:12:29.339 Services Administrators. And we tried  
NOTE Confidence: 0.9612845

00:12:29.339 --> 00:12:30.860 to use this data to,  
NOTE Confidence: 0.9612845

00:12:31.100 --> 00:12:33.339 generate more evidence based policy  
NOTE Confidence: 0.9612845

00:12:33.339 --> 00:12:34.540 proposals and to make the  
NOTE Confidence: 0.9612845

00:12:34.540 --> 00:12:35.839 policy more generous.  
NOTE Confidence: 0.94372344

00:12:38.300 --> 00:12:38.959 And finally,  
NOTE Confidence: 0.9205807

00:12:39.579 --> 00:12:41.339 looking at one one another  
NOTE Confidence: 0.9205807

00:12:41.339 --> 00:12:42.459 analysis we did was to  
NOTE Confidence: 0.9205807

00:12:42.459 --> 00:12:43.875 look at, the patent,  
NOTE Confidence: 0.75832033

00:12:44.255 --> 00:12:44.755 marketplace,  
NOTE Confidence: 0.9826531

00:12:45.214 --> 00:12:46.815 and we found that we  
NOTE Confidence: 0.9826531

00:12:46.815 --> 00:12:48.095 looked at one case example  
NOTE Confidence: 0.9826531

00:12:48.095 --> 00:12:49.535 of doxepin, which is a  
NOTE Confidence: 0.9826531

00:12:49.535 --> 00:12:50.975 medication for sleep,  
NOTE Confidence: 0.9844917

00:12:51.694 --> 00:12:53.634 a first line medication recommended  
NOTE Confidence: 0.9844917

00:12:53.694 --> 00:12:54.675 by sleep societies.

NOTE Confidence: 0.960088  
00:12:55.550 --> 00:12:56.429 And we looked at a  
NOTE Confidence: 0.960088  
00:12:56.429 --> 00:12:58.189 very interesting scenario where despite  
NOTE Confidence: 0.960088  
00:12:58.189 --> 00:12:59.309 being a fifty year old  
NOTE Confidence: 0.960088  
00:12:59.309 --> 00:12:59.809 medication,  
NOTE Confidence: 0.95613426  
00:13:01.470 --> 00:13:02.670 a dose of Doxepin was  
NOTE Confidence: 0.95613426  
00:13:02.670 --> 00:13:03.870 actually patented, which is a  
NOTE Confidence: 0.95613426  
00:13:03.870 --> 00:13:06.269 very unusual case, where a  
NOTE Confidence: 0.95613426  
00:13:06.269 --> 00:13:08.110 generic medication was patented because  
NOTE Confidence: 0.95613426  
00:13:08.110 --> 00:13:09.809 of a lower dose. And  
NOTE Confidence: 0.9523248  
00:13:10.595 --> 00:13:11.875 we showed that this patent  
NOTE Confidence: 0.9523248  
00:13:11.875 --> 00:13:13.235 likely resulted in much higher  
NOTE Confidence: 0.9523248  
00:13:13.235 --> 00:13:13.735 prices  
NOTE Confidence: 0.7321397  
00:13:14.235 --> 00:13:14.735 and,  
NOTE Confidence: 0.93765074  
00:13:15.554 --> 00:13:17.554 likely limited access to a  
NOTE Confidence: 0.93765074  
00:13:17.554 --> 00:13:18.535 first line medication  
NOTE Confidence: 0.7856214

00:13:19.074 --> 00:13:19.735 for sleep  
NOTE Confidence: 0.9403836

00:13:20.355 --> 00:13:21.235 and led to a lot  
NOTE Confidence: 0.9403836

00:13:21.235 --> 00:13:23.235 of excess spending in addition  
NOTE Confidence: 0.9403836

00:13:23.235 --> 00:13:23.894 to that.  
NOTE Confidence: 0.9643791

00:13:25.960 --> 00:13:26.920 You know, one goal that  
NOTE Confidence: 0.9643791

00:13:26.920 --> 00:13:28.040 I had as a fellow  
NOTE Confidence: 0.9643791

00:13:28.040 --> 00:13:29.240 was to try to build  
NOTE Confidence: 0.9643791

00:13:29.240 --> 00:13:30.300 skills in pharmacoepidemiology,  
NOTE Confidence: 0.9946057

00:13:31.400 --> 00:13:32.779 and target trial emulation  
NOTE Confidence: 0.8674981

00:13:33.400 --> 00:13:35.260 and propensity score weighting,  
NOTE Confidence: 0.9953053

00:13:35.880 --> 00:13:36.839 and to try to get  
NOTE Confidence: 0.9953053

00:13:36.839 --> 00:13:38.440 more at causal questions. And  
NOTE Confidence: 0.9953053

00:13:38.440 --> 00:13:38.940 so  
NOTE Confidence: 0.9951598

00:13:40.115 --> 00:13:40.995 to address that,  
NOTE Confidence: 0.97306997

00:13:41.714 --> 00:13:42.915 we did a new user  
NOTE Confidence: 0.97306997

00:13:42.915 --> 00:13:43.415 analysis.

NOTE Confidence: 0.97751784

00:13:44.035 --> 00:13:45.554 And the basic question for

NOTE Confidence: 0.97751784

00:13:45.554 --> 00:13:47.475 this study was looking at,

NOTE Confidence: 0.97751784

00:13:47.714 --> 00:13:49.315 does private equity, which are

NOTE Confidence: 0.97751784

00:13:49.315 --> 00:13:50.774 investment firms, which,

NOTE Confidence: 0.98064864

00:13:51.315 --> 00:13:53.394 have been purchasing hospitals, clinics,

NOTE Confidence: 0.98064864

00:13:53.394 --> 00:13:54.375 and nursing homes,

NOTE Confidence: 0.99514395

00:13:54.870 --> 00:13:56.309 do they contribute to a

NOTE Confidence: 0.99514395

00:13:56.309 --> 00:13:57.910 higher risk of bankruptcy or

NOTE Confidence: 0.99514395

00:13:57.910 --> 00:13:58.410 closure?

NOTE Confidence: 0.9316441

00:13:59.190 --> 00:13:59.990 And you may have seen

NOTE Confidence: 0.9316441

00:13:59.990 --> 00:14:01.030 in the news the closure

NOTE Confidence: 0.9316441

00:14:01.030 --> 00:14:02.809 of hospitals like Henneman Hospital

NOTE Confidence: 0.9316441

00:14:02.870 --> 00:14:04.630 or Stewart Healthcare in Boston

NOTE Confidence: 0.9316441

00:14:04.630 --> 00:14:05.290 and Philadelphia.

NOTE Confidence: 0.9808839

00:14:06.550 --> 00:14:07.350 And if you talk to

NOTE Confidence: 0.9808839

00:14:07.350 --> 00:14:08.845 people at PE firms, they  
NOTE Confidence: 0.9808839

00:14:08.845 --> 00:14:10.444 say, well, we really we  
NOTE Confidence: 0.9808839

00:14:10.444 --> 00:14:11.884 buy hospitals that are going  
NOTE Confidence: 0.9808839

00:14:11.884 --> 00:14:13.245 to close anyway. We focus  
NOTE Confidence: 0.9808839

00:14:13.245 --> 00:14:14.545 on distressed assets.  
NOTE Confidence: 0.9755421

00:14:15.245 --> 00:14:16.365 And to try to address  
NOTE Confidence: 0.9755421

00:14:16.365 --> 00:14:18.365 that potential confounding, we did  
NOTE Confidence: 0.9755421

00:14:18.365 --> 00:14:20.144 a new user analysis where  
NOTE Confidence: 0.9755421

00:14:20.280 --> 00:14:22.140 we looked at healthy hospitals,  
NOTE Confidence: 0.9755421

00:14:22.200 --> 00:14:23.720 clinics, and nursing homes, which  
NOTE Confidence: 0.9755421

00:14:23.720 --> 00:14:25.160 had good finances. And we  
NOTE Confidence: 0.9755421

00:14:25.160 --> 00:14:26.380 compared them to  
NOTE Confidence: 0.97484785

00:14:26.680 --> 00:14:28.360 other hospitals, clinics, and nursing  
NOTE Confidence: 0.97484785

00:14:28.360 --> 00:14:29.260 homes that,  
NOTE Confidence: 0.9547204

00:14:29.640 --> 00:14:31.480 had very similar, finances, but  
NOTE Confidence: 0.9547204

00:14:31.480 --> 00:14:33.100 were purchased by other,

NOTE Confidence: 0.9396827  
00:14:34.495 --> 00:14:36.014 for profit firms that were  
NOTE Confidence: 0.9396827  
00:14:36.014 --> 00:14:37.295 for profit, but not private  
NOTE Confidence: 0.9396827  
00:14:37.295 --> 00:14:37.795 equity.  
NOTE Confidence: 0.9153581  
00:14:38.495 --> 00:14:40.915 And we, addressed potential confounding  
NOTE Confidence: 0.9153581  
00:14:40.975 --> 00:14:42.754 using propensity score weighting.  
NOTE Confidence: 0.92265075  
00:14:43.855 --> 00:14:45.134 And using this this new  
NOTE Confidence: 0.92265075  
00:14:45.134 --> 00:14:47.375 user active comparator framework, we  
NOTE Confidence: 0.92265075  
00:14:47.375 --> 00:14:48.894 found that the private equity  
NOTE Confidence: 0.92265075  
00:14:48.894 --> 00:14:49.230 acquired  
NOTE Confidence: 0.9142551  
00:14:49.709 --> 00:14:51.790 healthcare organizations were about three  
NOTE Confidence: 0.9142551  
00:14:51.790 --> 00:14:52.449 times higher,  
NOTE Confidence: 0.99465466  
00:14:52.750 --> 00:14:54.290 more likely to experience,  
NOTE Confidence: 0.92107594  
00:14:54.829 --> 00:14:55.570 the prespecified  
NOTE Confidence: 0.9729071  
00:14:55.949 --> 00:14:58.269 composite outcome of, bankruptcy or  
NOTE Confidence: 0.9729071  
00:14:58.269 --> 00:14:58.769 closure.  
NOTE Confidence: 0.9588355

00:14:59.470 --> 00:15:00.350 So we hope that this  
NOTE Confidence: 0.9588355

00:15:00.350 --> 00:15:02.610 contributes to literature and, ongoing,  
NOTE Confidence: 0.94997084

00:15:03.070 --> 00:15:05.745 congressional legislation, which would regulate,  
NOTE Confidence: 0.9567438

00:15:06.125 --> 00:15:07.805 these investment firms, which,  
NOTE Confidence: 0.99857664

00:15:08.285 --> 00:15:09.884 could potentially be contributing to  
NOTE Confidence: 0.99857664

00:15:09.884 --> 00:15:11.084 a higher risk of bankruptcy  
NOTE Confidence: 0.99857664

00:15:11.084 --> 00:15:11.745 or closure.  
NOTE Confidence: 0.9652959

00:15:14.125 --> 00:15:15.324 So a little bit about  
NOTE Confidence: 0.9652959

00:15:15.324 --> 00:15:16.764 my background and and now  
NOTE Confidence: 0.9652959

00:15:16.764 --> 00:15:18.925 hoping to focus on, what  
NOTE Confidence: 0.9652959

00:15:18.925 --> 00:15:19.964 I think is gonna be  
NOTE Confidence: 0.9652959

00:15:19.964 --> 00:15:21.610 the the focus of my  
NOTE Confidence: 0.9652959

00:15:21.610 --> 00:15:22.649 early years as a FACT  
NOTE Confidence: 0.9652959

00:15:22.649 --> 00:15:24.330 team member, and that's Medicare  
NOTE Confidence: 0.9652959

00:15:24.330 --> 00:15:25.630 policy and specifically  
NOTE Confidence: 0.9801676

00:15:26.250 --> 00:15:27.950 looking at the Inflation Reduction

NOTE Confidence: 0.9801676  
00:15:28.010 --> 00:15:28.510 Act.  
NOTE Confidence: 0.9252573  
00:15:29.930 --> 00:15:31.450 So as many of you  
NOTE Confidence: 0.9252573  
00:15:31.450 --> 00:15:32.625 may know, this is a  
NOTE Confidence: 0.9494664  
00:15:33.105 --> 00:15:34.305 the Inflation Reduction Act is  
NOTE Confidence: 0.9494664  
00:15:34.305 --> 00:15:35.345 a really big piece of  
NOTE Confidence: 0.9494664  
00:15:35.345 --> 00:15:36.785 legislation. It was passed in  
NOTE Confidence: 0.9494664  
00:15:36.785 --> 00:15:37.765 twenty twenty two.  
NOTE Confidence: 0.96433324  
00:15:38.465 --> 00:15:39.985 It touched many parts of  
NOTE Confidence: 0.96433324  
00:15:39.985 --> 00:15:40.645 the economy.  
NOTE Confidence: 0.9868173  
00:15:41.025 --> 00:15:41.905 It took a lot of  
NOTE Confidence: 0.9868173  
00:15:41.905 --> 00:15:43.425 political will to get across  
NOTE Confidence: 0.9868173  
00:15:43.425 --> 00:15:44.965 the finish line. And so,  
NOTE Confidence: 0.92257047  
00:15:45.640 --> 00:15:47.160 important to understand what it  
NOTE Confidence: 0.92257047  
00:15:47.160 --> 00:15:48.360 did it did not do,  
NOTE Confidence: 0.92257047  
00:15:48.600 --> 00:15:49.800 and also to,  
NOTE Confidence: 0.96252406

00:15:50.520 --> 00:15:51.240 make sure we get it  
NOTE Confidence: 0.96252406

00:15:51.240 --> 00:15:52.680 right, because it's probably the  
NOTE Confidence: 0.96252406

00:15:52.680 --> 00:15:53.800 largest piece of health care  
NOTE Confidence: 0.96252406

00:15:53.800 --> 00:15:55.560 legislation since the Affordable Care  
NOTE Confidence: 0.96252406

00:15:55.560 --> 00:15:56.060 Act.  
NOTE Confidence: 0.9541673

00:15:56.840 --> 00:15:58.535 And so we'll be focusing  
NOTE Confidence: 0.9541673

00:15:58.535 --> 00:16:00.055 on Medicare Part D, which  
NOTE Confidence: 0.9541673

00:16:00.055 --> 00:16:01.915 is the prescription drug benefit  
NOTE Confidence: 0.9541673

00:16:02.055 --> 00:16:04.055 for, that the Inflation Reduction  
NOTE Confidence: 0.9541673

00:16:04.055 --> 00:16:05.115 Act, reformed.  
NOTE Confidence: 0.99501365

00:16:06.055 --> 00:16:07.815 And just for background, Medicare  
NOTE Confidence: 0.99501365

00:16:07.815 --> 00:16:09.195 Part D, it's a voluntary  
NOTE Confidence: 0.99501365

00:16:09.415 --> 00:16:11.015 prescription drug benefit. And so  
NOTE Confidence: 0.99501365

00:16:11.015 --> 00:16:12.214 when you become eligible for  
NOTE Confidence: 0.99501365

00:16:12.214 --> 00:16:13.515 Medicare, you can buy  
NOTE Confidence: 0.9799396

00:16:14.270 --> 00:16:16.110 insurance to cover your prescription

NOTE Confidence: 0.9799396  
00:16:16.110 --> 00:16:18.270 drugs, and fifty million people  
NOTE Confidence: 0.9799396  
00:16:18.270 --> 00:16:19.010 in the country  
NOTE Confidence: 0.93156433  
00:16:19.470 --> 00:16:20.910 have some sort of Medicare  
NOTE Confidence: 0.93156433  
00:16:20.910 --> 00:16:21.650 part d.  
NOTE Confidence: 0.9956934  
00:16:22.270 --> 00:16:23.550 This is a public benefit.  
NOTE Confidence: 0.9956934  
00:16:23.550 --> 00:16:24.510 We all pay for it  
NOTE Confidence: 0.9956934  
00:16:24.510 --> 00:16:26.030 with our tax dollars, and  
NOTE Confidence: 0.9956934  
00:16:26.030 --> 00:16:27.550 it is administered through private  
NOTE Confidence: 0.9956934  
00:16:27.550 --> 00:16:28.050 plans.  
NOTE Confidence: 0.9802525  
00:16:29.165 --> 00:16:30.045 And there are two types  
NOTE Confidence: 0.9802525  
00:16:30.045 --> 00:16:31.325 of private plans. You can  
NOTE Confidence: 0.9802525  
00:16:31.325 --> 00:16:33.345 get Medicare Advantage, which provides  
NOTE Confidence: 0.9802525  
00:16:33.404 --> 00:16:35.024 wraparound care, inpatient,  
NOTE Confidence: 0.9940926  
00:16:35.404 --> 00:16:35.904 outpatient,  
NOTE Confidence: 0.9405221  
00:16:36.845 --> 00:16:38.765 and prescription drug, or you  
NOTE Confidence: 0.9405221

00:16:38.765 --> 00:16:40.680 can get traditional Medicare and

NOTE Confidence: 0.9405221

00:16:40.760 --> 00:16:41.880 supplement it. So a little

NOTE Confidence: 0.9405221

00:16:41.880 --> 00:16:43.880 complicated, but they're all private

NOTE Confidence: 0.9405221

00:16:43.880 --> 00:16:44.380 plans,

NOTE Confidence: 0.9591435

00:16:44.760 --> 00:16:45.580 and beneficiaries

NOTE Confidence: 0.9963571

00:16:45.960 --> 00:16:47.180 shop for them through,

NOTE Confidence: 0.99885154

00:16:47.560 --> 00:16:48.700 a regional marketplace.

NOTE Confidence: 0.9732927

00:16:50.360 --> 00:16:52.200 And so that is the

NOTE Confidence: 0.9732927

00:16:52.200 --> 00:16:53.320 background. And what was the

NOTE Confidence: 0.9732927

00:16:53.320 --> 00:16:55.160 problem the legislation was aiming

NOTE Confidence: 0.9732927

00:16:55.160 --> 00:16:56.485 to address, which, well, that

NOTE Confidence: 0.9732927

00:16:56.485 --> 00:16:58.405 is Medicare patients historically have

NOTE Confidence: 0.9732927

00:16:58.405 --> 00:16:59.605 paid very high out of

NOTE Confidence: 0.9732927

00:16:59.605 --> 00:17:00.885 pocket costs if they took

NOTE Confidence: 0.9732927

00:17:00.885 --> 00:17:01.865 expensive drugs.

NOTE Confidence: 0.9180331

00:17:02.485 --> 00:17:03.285 And so it's a very

NOTE Confidence: 0.9180331  
00:17:03.285 --> 00:17:04.825 complicated benefit historically.  
NOTE Confidence: 0.9613964  
00:17:05.925 --> 00:17:07.145 There was the deductible,  
NOTE Confidence: 0.93278074  
00:17:07.845 --> 00:17:09.750 there was initial coverage, and  
NOTE Confidence: 0.93278074  
00:17:09.750 --> 00:17:11.109 then somehow it got worse  
NOTE Confidence: 0.93278074  
00:17:11.109 --> 00:17:12.070 after a while. You may  
NOTE Confidence: 0.93278074  
00:17:12.070 --> 00:17:12.869 have heard of the donut  
NOTE Confidence: 0.93278074  
00:17:12.869 --> 00:17:13.990 hole, and then there was  
NOTE Confidence: 0.93278074  
00:17:13.990 --> 00:17:15.369 the catastrophic phase.  
NOTE Confidence: 0.9500112  
00:17:16.070 --> 00:17:17.590 The bottom line is that  
NOTE Confidence: 0.9500112  
00:17:17.590 --> 00:17:18.090 historically,  
NOTE Confidence: 0.95786685  
00:17:18.710 --> 00:17:20.150 costs were not capped. And  
NOTE Confidence: 0.95786685  
00:17:20.150 --> 00:17:21.750 so you could pay ten,  
NOTE Confidence: 0.95786685  
00:17:21.750 --> 00:17:23.430 fifteen, twenty thousand dollars out  
NOTE Confidence: 0.95786685  
00:17:23.430 --> 00:17:24.615 of pocket if you were  
NOTE Confidence: 0.95786685  
00:17:24.855 --> 00:17:26.135 unfortunate enough to, you know,  
NOTE Confidence: 0.95786685

00:17:26.135 --> 00:17:27.815 be diagnosed with cancer or  
NOTE Confidence: 0.95786685

00:17:27.815 --> 00:17:29.355 if you had rheumatoid arthritis,  
NOTE Confidence: 0.95786685

00:17:29.494 --> 00:17:30.375 if you were taking an  
NOTE Confidence: 0.95786685

00:17:30.375 --> 00:17:31.434 expensive medication.  
NOTE Confidence: 0.97528714

00:17:32.855 --> 00:17:34.215 And you paid five percent  
NOTE Confidence: 0.97528714

00:17:34.215 --> 00:17:34.715 indefinitely,  
NOTE Confidence: 0.997824

00:17:35.015 --> 00:17:36.135 even in the most generous  
NOTE Confidence: 0.997824

00:17:36.135 --> 00:17:37.755 phase, the catastrophic phase.  
NOTE Confidence: 0.98341244

00:17:38.295 --> 00:17:40.000 And so that's a lot  
NOTE Confidence: 0.98341244

00:17:40.000 --> 00:17:41.600 of wonky information, a very  
NOTE Confidence: 0.98341244

00:17:41.600 --> 00:17:42.880 complicated benefit. And I think  
NOTE Confidence: 0.98341244

00:17:42.880 --> 00:17:44.660 it's really helpful to illustrate,  
NOTE Confidence: 0.9831516

00:17:45.040 --> 00:17:46.320 this with some patients who  
NOTE Confidence: 0.9831516

00:17:46.320 --> 00:17:48.500 you, likely have seen. So,  
NOTE Confidence: 0.98075485

00:17:48.880 --> 00:17:50.080 we'll take Mr. A on  
NOTE Confidence: 0.98075485

00:17:50.080 --> 00:17:51.440 the left. He's a seven

NOTE Confidence: 0.98075485  
00:17:51.440 --> 00:17:52.900 year old man with hypertension,  
NOTE Confidence: 0.98075485  
00:17:53.040 --> 00:17:54.500 atrial fibrillation, hyperlipidemia.  
NOTE Confidence: 0.98188096  
00:17:55.414 --> 00:17:57.575 And then, Mrs. B, same  
NOTE Confidence: 0.98188096  
00:17:57.575 --> 00:17:59.174 conditions, but she has chronic  
NOTE Confidence: 0.98188096  
00:17:59.174 --> 00:18:00.315 lymphocytic leukemia.  
NOTE Confidence: 0.9658569  
00:18:01.494 --> 00:18:02.715 And here are the medications  
NOTE Confidence: 0.9658569  
00:18:02.775 --> 00:18:04.375 they take. These are likely  
NOTE Confidence: 0.9658569  
00:18:04.375 --> 00:18:05.655 gonna look familiar to you.  
NOTE Confidence: 0.9658569  
00:18:05.655 --> 00:18:07.034 And then the monthly costs.  
NOTE Confidence: 0.96764463  
00:18:07.970 --> 00:18:09.170 And you'll see right away,  
NOTE Confidence: 0.96764463  
00:18:09.410 --> 00:18:11.410 for mister a, the majority  
NOTE Confidence: 0.96764463  
00:18:11.410 --> 00:18:12.690 of the monthly price, the  
NOTE Confidence: 0.96764463  
00:18:12.690 --> 00:18:13.190 prices,  
NOTE Confidence: 0.91674834  
00:18:13.890 --> 00:18:15.810 are absorbed by apixaban or  
NOTE Confidence: 0.91674834  
00:18:15.810 --> 00:18:17.090 Eliquis brand name.  
NOTE Confidence: 0.98363674

00:18:17.570 --> 00:18:19.109 And then for missus b,  
NOTE Confidence: 0.98363674

00:18:19.250 --> 00:18:20.550 she's taking the same medications,  
NOTE Confidence: 0.98363674

00:18:20.609 --> 00:18:21.990 but now she's taking imbrutinib,  
NOTE Confidence: 0.9673386

00:18:22.290 --> 00:18:24.195 which is a very costly  
NOTE Confidence: 0.9673386

00:18:24.255 --> 00:18:26.115 medication effective, but very costly,  
NOTE Confidence: 0.9673386

00:18:26.415 --> 00:18:27.395 for her CLL.  
NOTE Confidence: 0.93688685

00:18:28.095 --> 00:18:29.615 And so if those are  
NOTE Confidence: 0.93688685

00:18:29.615 --> 00:18:30.575 the prices and if you  
NOTE Confidence: 0.93688685

00:18:30.575 --> 00:18:31.775 just do the algebra that  
NOTE Confidence: 0.93688685

00:18:31.775 --> 00:18:32.575 we saw on the last  
NOTE Confidence: 0.93688685

00:18:32.575 --> 00:18:34.575 slide, the complicated benefit, this  
NOTE Confidence: 0.93688685

00:18:34.575 --> 00:18:35.455 is how much they would  
NOTE Confidence: 0.93688685

00:18:35.455 --> 00:18:37.169 pay per year. So Mr.  
NOTE Confidence: 0.93688685

00:18:37.169 --> 00:18:38.289 A is paying about six  
NOTE Confidence: 0.93688685

00:18:38.289 --> 00:18:39.409 hundred per year and then,  
NOTE Confidence: 0.93688685

00:18:39.409 --> 00:18:40.769 oh, wow, Mrs. Buchi's paying

NOTE Confidence: 0.93688685  
00:18:40.769 --> 00:18:41.909 about fifteen thousand.  
NOTE Confidence: 0.98314095  
00:18:42.289 --> 00:18:43.330 And that's because you take  
NOTE Confidence: 0.98314095  
00:18:43.330 --> 00:18:44.389 the price of Imbrutinib  
NOTE Confidence: 0.9703458  
00:18:44.690 --> 00:18:45.570 and you just run it  
NOTE Confidence: 0.9703458  
00:18:45.570 --> 00:18:46.710 through the four phases.  
NOTE Confidence: 0.97187114  
00:18:47.090 --> 00:18:48.529 And because it's a two  
NOTE Confidence: 0.97187114  
00:18:48.529 --> 00:18:49.570 hundred thousand dollars a year  
NOTE Confidence: 0.97187114  
00:18:49.570 --> 00:18:50.929 medication, even if you pay  
NOTE Confidence: 0.97187114  
00:18:50.929 --> 00:18:51.889 a small amount, dollars five  
NOTE Confidence: 0.97187114  
00:18:51.889 --> 00:18:53.445 percent, it just starts to  
NOTE Confidence: 0.97187114  
00:18:53.445 --> 00:18:54.725 really add up. And so  
NOTE Confidence: 0.97187114  
00:18:54.725 --> 00:18:55.924 this is really the problem  
NOTE Confidence: 0.97187114  
00:18:55.924 --> 00:18:56.965 the law zeroed in on.  
NOTE Confidence: 0.97187114  
00:18:56.965 --> 00:18:58.025 We have these patients  
NOTE Confidence: 0.9204301  
00:18:58.405 --> 00:18:59.525 like Mrs. B who are  
NOTE Confidence: 0.9204301

00:18:59.525 --> 00:19:01.285 paying untenable amounts for their

NOTE Confidence: 0.9204301

00:19:01.285 --> 00:19:01.785 medications.

NOTE Confidence: 0.98211515

00:19:02.885 --> 00:19:03.765 And so what did the

NOTE Confidence: 0.98211515

00:19:03.765 --> 00:19:05.684 law do? It imposed an

NOTE Confidence: 0.98211515

00:19:05.684 --> 00:19:07.169 out of pocket cap. And

NOTE Confidence: 0.98211515

00:19:07.169 --> 00:19:08.710 so in twenty twenty four,

NOTE Confidence: 0.98211515

00:19:08.850 --> 00:19:09.889 that cap was thirty three

NOTE Confidence: 0.98211515

00:19:09.889 --> 00:19:10.929 hundred dollars, and then it

NOTE Confidence: 0.98211515

00:19:10.929 --> 00:19:12.049 was lowered to two thousand

NOTE Confidence: 0.98211515

00:19:12.049 --> 00:19:13.590 dollars in twenty twenty five.

NOTE Confidence: 0.97460186

00:19:14.369 --> 00:19:15.730 And an important feature of

NOTE Confidence: 0.97460186

00:19:15.730 --> 00:19:17.090 the law was that these

NOTE Confidence: 0.97460186

00:19:17.090 --> 00:19:19.009 private plans were now tasked

NOTE Confidence: 0.97460186

00:19:19.009 --> 00:19:20.744 with paying a large proportion

NOTE Confidence: 0.97460186

00:19:20.744 --> 00:19:22.265 of that. And so now

NOTE Confidence: 0.97460186

00:19:22.265 --> 00:19:23.945 these private plans, you go

NOTE Confidence: 0.97460186  
00:19:23.945 --> 00:19:25.225 on a marketplace, they have  
NOTE Confidence: 0.97460186  
00:19:25.225 --> 00:19:26.425 to pay. It's about sixty  
NOTE Confidence: 0.97460186  
00:19:26.425 --> 00:19:27.945 percent of all costs above  
NOTE Confidence: 0.97460186  
00:19:27.945 --> 00:19:29.545 the cap. And so we're  
NOTE Confidence: 0.97460186  
00:19:29.545 --> 00:19:31.145 asking these private plans, like,  
NOTE Confidence: 0.97460186  
00:19:31.145 --> 00:19:32.105 to in a in a  
NOTE Confidence: 0.97460186  
00:19:32.105 --> 00:19:33.465 noble fashion to to pay  
NOTE Confidence: 0.97460186  
00:19:33.465 --> 00:19:34.905 more to cover patients like  
NOTE Confidence: 0.97460186  
00:19:34.905 --> 00:19:35.740 missus Speed.  
NOTE Confidence: 0.9910115  
00:19:36.440 --> 00:19:37.800 And so this is a  
NOTE Confidence: 0.9910115  
00:19:37.800 --> 00:19:39.320 brand new benefit. Twenty twenty  
NOTE Confidence: 0.9910115  
00:19:39.320 --> 00:19:40.359 five is the first time  
NOTE Confidence: 0.9910115  
00:19:40.359 --> 00:19:41.560 this two thousand dollar out  
NOTE Confidence: 0.9910115  
00:19:41.560 --> 00:19:43.020 of pocket cap was imposed.  
NOTE Confidence: 0.9910115  
00:19:43.080 --> 00:19:43.740 And so,  
NOTE Confidence: 0.9854784

00:19:44.520 --> 00:19:46.200 some studies that my colleagues

NOTE Confidence: 0.9854784

00:19:46.200 --> 00:19:47.400 and I have have attempted

NOTE Confidence: 0.9854784

00:19:47.400 --> 00:19:48.619 to do was to assess

NOTE Confidence: 0.9854784

00:19:48.915 --> 00:19:50.515 insurer responses. And so we

NOTE Confidence: 0.9854784

00:19:50.515 --> 00:19:51.635 know that these are private

NOTE Confidence: 0.9854784

00:19:51.635 --> 00:19:52.835 entities. We know that they

NOTE Confidence: 0.9854784

00:19:52.835 --> 00:19:53.895 are likely

NOTE Confidence: 0.99930656

00:19:54.275 --> 00:19:55.635 to respond in a fairly

NOTE Confidence: 0.99930656

00:19:55.635 --> 00:19:56.615 predictable fashion.

NOTE Confidence: 0.9956687

00:19:57.235 --> 00:19:58.355 Number one, could they leave

NOTE Confidence: 0.9956687

00:19:58.355 --> 00:19:59.015 the marketplace?

NOTE Confidence: 0.9964677

00:19:59.715 --> 00:20:01.315 Could they raise deductibles or

NOTE Confidence: 0.9964677

00:20:01.315 --> 00:20:02.970 the amount that you have

NOTE Confidence: 0.9964677

00:20:02.970 --> 00:20:04.090 to pay as a patient

NOTE Confidence: 0.9964677

00:20:04.090 --> 00:20:05.630 before the plan kicks in?

NOTE Confidence: 0.9857148

00:20:05.930 --> 00:20:07.390 Could they modify a formulary?

NOTE Confidence: 0.9857148

00:20:07.450 --> 00:20:08.250 Could they make it more,

NOTE Confidence: 0.9857148

00:20:08.250 --> 00:20:09.450 you know, more difficult or

NOTE Confidence: 0.9857148

00:20:09.450 --> 00:20:10.890 more costly to access these

NOTE Confidence: 0.9857148

00:20:10.890 --> 00:20:11.390 medications?

NOTE Confidence: 0.9045241

00:20:12.010 --> 00:20:13.450 Or premiums, the the gym

NOTE Confidence: 0.9045241

00:20:13.450 --> 00:20:15.284 membership, the monthly peep payment

NOTE Confidence: 0.9045241

00:20:15.284 --> 00:20:15.684 you have.

NOTE Confidence: 0.96742076

00:20:16.484 --> 00:20:18.004 With the asterisk there that

NOTE Confidence: 0.96742076

00:20:18.004 --> 00:20:19.365 the law really prevented that

NOTE Confidence: 0.96742076

00:20:19.365 --> 00:20:20.804 from happening, they subsidized the

NOTE Confidence: 0.96742076

00:20:20.804 --> 00:20:21.284 premiums.

NOTE Confidence: 0.99136066

00:20:21.605 --> 00:20:22.565 So we didn't think that

NOTE Confidence: 0.99136066

00:20:22.565 --> 00:20:23.865 was really going to happen.

NOTE Confidence: 0.96204627

00:20:24.804 --> 00:20:26.085 And so that's objective number

NOTE Confidence: 0.96204627

00:20:26.085 --> 00:20:27.684 one of my fellowship, a

NOTE Confidence: 0.96204627

00:20:27.684 --> 00:20:28.919 series of studies looking at  
NOTE Confidence: 0.96204627

00:20:28.919 --> 00:20:30.440 what did the insurers do  
NOTE Confidence: 0.96204627

00:20:30.440 --> 00:20:31.880 when they had to provide  
NOTE Confidence: 0.96204627

00:20:31.880 --> 00:20:33.340 much more generous coverage.  
NOTE Confidence: 0.94832915

00:20:34.359 --> 00:20:36.359 We used publicly available data,  
NOTE Confidence: 0.94832915

00:20:36.600 --> 00:20:37.720 from the Medi Center for  
NOTE Confidence: 0.94832915

00:20:37.720 --> 00:20:39.320 Medicare and Medicaid Services, and  
NOTE Confidence: 0.94832915

00:20:39.320 --> 00:20:40.600 we looked at all, of  
NOTE Confidence: 0.94832915

00:20:40.600 --> 00:20:41.740 these private plans.  
NOTE Confidence: 0.9735775

00:20:42.494 --> 00:20:44.275 And consistent with those hypothesized  
NOTE Confidence: 0.9688045

00:20:44.734 --> 00:20:46.595 insurer responses, we calculated,  
NOTE Confidence: 0.99409634

00:20:47.375 --> 00:20:47.695 the,  
NOTE Confidence: 0.93497944

00:20:48.175 --> 00:20:49.855 the enrollee weighted and inflation  
NOTE Confidence: 0.93497944

00:20:49.855 --> 00:20:50.355 adjusted,  
NOTE Confidence: 0.9741783

00:20:50.655 --> 00:20:51.775 percent of people who were  
NOTE Confidence: 0.9741783

00:20:51.775 --> 00:20:53.535 affected by their insurer totally

NOTE Confidence: 0.9741783  
00:20:53.535 --> 00:20:54.035 leaving,  
NOTE Confidence: 0.959216  
00:20:55.119 --> 00:20:56.480 out of pocket costs for  
NOTE Confidence: 0.959216  
00:20:56.480 --> 00:20:57.940 nine top selling medications.  
NOTE Confidence: 0.9642966  
00:20:59.040 --> 00:21:00.080 We looked at whether a  
NOTE Confidence: 0.9642966  
00:21:00.080 --> 00:21:01.119 medication was paid by a  
NOTE Confidence: 0.9642966  
00:21:01.119 --> 00:21:02.400 co payment, which is typically  
NOTE Confidence: 0.9642966  
00:21:02.400 --> 00:21:03.600 a flat amount, thirty to  
NOTE Confidence: 0.9642966  
00:21:03.600 --> 00:21:04.980 forty dollars, or coinsurance,  
NOTE Confidence: 0.949772  
00:21:05.280 --> 00:21:06.800 which is typically a percent  
NOTE Confidence: 0.949772  
00:21:06.800 --> 00:21:08.005 of a drug's cost,  
NOTE Confidence: 0.99156815  
00:21:08.305 --> 00:21:09.685 with the idea that coinsurance  
NOTE Confidence: 0.99156815  
00:21:09.745 --> 00:21:11.185 is typically much more because  
NOTE Confidence: 0.99156815  
00:21:11.185 --> 00:21:12.465 it's, you know, thirty percent  
NOTE Confidence: 0.99156815  
00:21:12.465 --> 00:21:13.665 of a thousand or five  
NOTE Confidence: 0.99156815  
00:21:13.665 --> 00:21:14.705 hundred. So it just ends  
NOTE Confidence: 0.99156815

00:21:14.705 --> 00:21:15.845 up being much more.  
NOTE Confidence: 0.9988211

00:21:16.305 --> 00:21:17.185 And then we looked at  
NOTE Confidence: 0.9988211

00:21:17.185 --> 00:21:18.405 deductibles and premiums.  
NOTE Confidence: 0.9602195

00:21:19.519 --> 00:21:20.659 We looked at different subgroups  
NOTE Confidence: 0.9602195

00:21:20.879 --> 00:21:22.480 as well, and this was  
NOTE Confidence: 0.9602195

00:21:22.480 --> 00:21:24.100 a partially descriptive analysis.  
NOTE Confidence: 0.98635954

00:21:25.759 --> 00:21:27.359 And so on the x  
NOTE Confidence: 0.98635954

00:21:27.359 --> 00:21:29.279 axis here, you have year.  
NOTE Confidence: 0.98635954

00:21:29.279 --> 00:21:30.320 On the y axis, you  
NOTE Confidence: 0.98635954

00:21:30.320 --> 00:21:31.519 have the percent of people  
NOTE Confidence: 0.98635954

00:21:31.519 --> 00:21:32.960 who were affected by their  
NOTE Confidence: 0.98635954

00:21:32.960 --> 00:21:34.965 insurance plan just totally leaving,  
NOTE Confidence: 0.98635954

00:21:35.184 --> 00:21:35.845 the marketplace.  
NOTE Confidence: 0.8164237

00:21:37.024 --> 00:21:38.024 And, you know, bef  
NOTE Confidence: 0.9482128

00:21:38.625 --> 00:21:39.984 a priority that could be  
NOTE Confidence: 0.9482128

00:21:39.984 --> 00:21:41.264 a really bad thing. Right?

NOTE Confidence: 0.9482128  
00:21:41.264 --> 00:21:42.625 It leads to disruptions in  
NOTE Confidence: 0.9482128  
00:21:42.625 --> 00:21:43.125 coverage.  
NOTE Confidence: 0.96704173  
00:21:43.825 --> 00:21:45.184 This is a voluntary benefit,  
NOTE Confidence: 0.96704173  
00:21:45.184 --> 00:21:46.225 so people might not even  
NOTE Confidence: 0.96704173  
00:21:46.225 --> 00:21:47.580 know. They may, you know,  
NOTE Confidence: 0.96704173  
00:21:47.820 --> 00:21:49.179 basically, in January, they may  
NOTE Confidence: 0.96704173  
00:21:49.179 --> 00:21:49.899 be like, oh, I don't  
NOTE Confidence: 0.96704173  
00:21:49.899 --> 00:21:51.260 have health insurance anymore for  
NOTE Confidence: 0.96704173  
00:21:51.260 --> 00:21:52.080 my medications.  
NOTE Confidence: 0.93360794  
00:21:52.700 --> 00:21:53.899 And you can see that  
NOTE Confidence: 0.93360794  
00:21:53.899 --> 00:21:55.820 essentially over time, consistent with  
NOTE Confidence: 0.93360794  
00:21:55.820 --> 00:21:57.440 the implementation of the law,  
NOTE Confidence: 0.93360794  
00:21:57.500 --> 00:21:58.539 more and more people are  
NOTE Confidence: 0.93360794  
00:21:58.539 --> 00:22:00.059 affected by their insurer just  
NOTE Confidence: 0.93360794  
00:22:00.059 --> 00:22:01.500 leaving. And so by twenty  
NOTE Confidence: 0.93360794

00:22:01.500 --> 00:22:03.039 twenty four, the most recent,  
NOTE Confidence: 0.999075

00:22:03.375 --> 00:22:04.335 year of data we have  
NOTE Confidence: 0.999075

00:22:04.335 --> 00:22:04.835 available,  
NOTE Confidence: 0.9899016

00:22:05.695 --> 00:22:06.815 eight percent of people,  
NOTE Confidence: 0.9993226

00:22:07.215 --> 00:22:07.875 are just  
NOTE Confidence: 0.9974666

00:22:08.175 --> 00:22:09.155 in that year,  
NOTE Confidence: 0.97292894

00:22:09.855 --> 00:22:11.855 they had no prescription drug,  
NOTE Confidence: 0.97292894

00:22:12.095 --> 00:22:13.455 insurance, that their insurer just  
NOTE Confidence: 0.97292894

00:22:13.455 --> 00:22:15.455 totally left. And so unless  
NOTE Confidence: 0.97292894

00:22:15.455 --> 00:22:16.950 they took the effort to  
NOTE Confidence: 0.97292894

00:22:17.029 --> 00:22:18.389 go to open enrollment and  
NOTE Confidence: 0.97292894

00:22:18.389 --> 00:22:19.750 to find another insurer, they  
NOTE Confidence: 0.97292894

00:22:19.750 --> 00:22:21.609 they no longer had, prescription  
NOTE Confidence: 0.97292894

00:22:21.669 --> 00:22:22.889 drug, coverage.  
NOTE Confidence: 0.9757243

00:22:24.389 --> 00:22:26.070 This, unfortunately, was consistent too  
NOTE Confidence: 0.9757243

00:22:26.070 --> 00:22:28.090 in different, subgroups of insurance

NOTE Confidence: 0.9757243

00:22:28.149 --> 00:22:28.649 plans.

NOTE Confidence: 0.97111183

00:22:30.185 --> 00:22:31.625 We looked at deductibles. And

NOTE Confidence: 0.97111183

00:22:31.625 --> 00:22:32.585 I I think on the

NOTE Confidence: 0.97111183

00:22:32.585 --> 00:22:33.945 x axis here, you see

NOTE Confidence: 0.97111183

00:22:33.945 --> 00:22:34.984 year, and on the y

NOTE Confidence: 0.97111183

00:22:34.984 --> 00:22:36.984 axis, the inflation adjusted deductible.

NOTE Confidence: 0.97111183

00:22:36.984 --> 00:22:37.865 And I think the key

NOTE Confidence: 0.97111183

00:22:37.865 --> 00:22:39.225 thing to highlight is there's

NOTE Confidence: 0.97111183

00:22:39.225 --> 00:22:40.425 a huge jump for Medicare

NOTE Confidence: 0.97111183

00:22:40.425 --> 00:22:42.185 Advantage plans, which were charging

NOTE Confidence: 0.97111183

00:22:42.185 --> 00:22:43.625 about sixty six dollars on

NOTE Confidence: 0.97111183

00:22:43.625 --> 00:22:45.000 average in twenty twenty four,

NOTE Confidence: 0.9703966

00:22:45.480 --> 00:22:46.760 which was trending down. And

NOTE Confidence: 0.9703966

00:22:46.760 --> 00:22:48.359 then, there's a large increase

NOTE Confidence: 0.9703966

00:22:48.359 --> 00:22:49.400 to twenty twenty five when

NOTE Confidence: 0.9703966

00:22:49.400 --> 00:22:50.600 the two thousand dollar cap  
NOTE Confidence: 0.9703966

00:22:50.600 --> 00:22:51.260 was implemented,  
NOTE Confidence: 0.99247843

00:22:51.880 --> 00:22:52.920 about a hundred and sixty  
NOTE Confidence: 0.99247843

00:22:52.920 --> 00:22:53.740 dollar increase.  
NOTE Confidence: 0.95080376

00:22:54.920 --> 00:22:56.359 In the stand alone plans,  
NOTE Confidence: 0.95080376

00:22:56.359 --> 00:22:57.880 a more gentle increase that  
NOTE Confidence: 0.95080376

00:22:57.880 --> 00:22:59.400 really predated when the law  
NOTE Confidence: 0.95080376

00:22:59.400 --> 00:23:00.060 was implemented.  
NOTE Confidence: 0.9539914

00:23:02.085 --> 00:23:03.445 Here are nine top selling  
NOTE Confidence: 0.9539914

00:23:03.445 --> 00:23:05.125 medications, and we we assess  
NOTE Confidence: 0.9539914

00:23:05.125 --> 00:23:06.244 what the monthly out of  
NOTE Confidence: 0.9539914

00:23:06.244 --> 00:23:07.545 pocket cost would be.  
NOTE Confidence: 0.9483859

00:23:08.244 --> 00:23:09.205 And you can see these  
NOTE Confidence: 0.9483859

00:23:09.205 --> 00:23:11.125 are high value medications. They're  
NOTE Confidence: 0.9483859

00:23:11.125 --> 00:23:12.425 used to treat diabetes,  
NOTE Confidence: 0.9794111

00:23:13.045 --> 00:23:13.945 atrial fibrillation.

NOTE Confidence: 0.99043286

00:23:15.685 --> 00:23:16.500 They they

NOTE Confidence: 0.98193896

00:23:17.140 --> 00:23:18.980 CKD, and they have very

NOTE Confidence: 0.98193896

00:23:18.980 --> 00:23:20.119 high clinical value.

NOTE Confidence: 0.98160386

00:23:20.500 --> 00:23:21.619 And you can see here

NOTE Confidence: 0.98160386

00:23:21.619 --> 00:23:22.119 on,

NOTE Confidence: 0.95260775

00:23:23.300 --> 00:23:24.820 the x axis is year

NOTE Confidence: 0.95260775

00:23:24.820 --> 00:23:26.020 again, and the y axis,

NOTE Confidence: 0.95260775

00:23:26.020 --> 00:23:27.800 the monthly costs. And unfortunately,

NOTE Confidence: 0.95260775

00:23:27.859 --> 00:23:29.425 a similar trend where the

NOTE Confidence: 0.95260775

00:23:29.425 --> 00:23:30.945 costs are increasing in twenty

NOTE Confidence: 0.95260775

00:23:30.945 --> 00:23:32.545 twenty five in both in

NOTE Confidence: 0.95260775

00:23:32.545 --> 00:23:33.905 both kinds of plans by

NOTE Confidence: 0.95260775

00:23:33.905 --> 00:23:35.125 about thirty three percent.

NOTE Confidence: 0.8902688

00:23:38.225 --> 00:23:40.225 This is basically explaining what

NOTE Confidence: 0.8902688

00:23:40.225 --> 00:23:40.725 caused,

NOTE Confidence: 0.97479284

00:23:41.025 --> 00:23:42.145 these costs to go up.  
NOTE Confidence: 0.97479284

00:23:42.385 --> 00:23:43.345 This is the percent of  
NOTE Confidence: 0.97479284

00:23:43.345 --> 00:23:44.950 people who paid coinsurance, which  
NOTE Confidence: 0.97479284

00:23:44.950 --> 00:23:46.149 is that percent of a  
NOTE Confidence: 0.97479284

00:23:46.149 --> 00:23:47.049 drug's cost.  
NOTE Confidence: 0.9596837

00:23:47.350 --> 00:23:48.710 And and, essentially, that is  
NOTE Confidence: 0.9596837

00:23:48.710 --> 00:23:50.070 what's explaining it. People are  
NOTE Confidence: 0.9596837

00:23:50.070 --> 00:23:52.149 shifting from these thirty dollar  
NOTE Confidence: 0.9596837

00:23:52.149 --> 00:23:53.269 co payments per month for  
NOTE Confidence: 0.9596837

00:23:53.269 --> 00:23:54.950 brand name medications to a  
NOTE Confidence: 0.9596837

00:23:54.950 --> 00:23:56.389 coinsurance, which could be hundreds  
NOTE Confidence: 0.9596837

00:23:56.389 --> 00:23:57.769 of dollars per month.  
NOTE Confidence: 0.97508436

00:23:59.525 --> 00:24:00.484 And just to say it  
NOTE Confidence: 0.97508436

00:24:00.484 --> 00:24:01.924 briefly, we saw that the  
NOTE Confidence: 0.97508436

00:24:01.924 --> 00:24:04.005 premiums decreased as expected, and  
NOTE Confidence: 0.97508436

00:24:04.005 --> 00:24:05.845 they were subsidized by by

NOTE Confidence: 0.97508436

00:24:05.845 --> 00:24:06.505 the legislation.

NOTE Confidence: 0.9703673

00:24:08.484 --> 00:24:09.605 So a lot of data

NOTE Confidence: 0.9703673

00:24:09.605 --> 00:24:10.825 there, and I think illustrative

NOTE Confidence: 0.979634

00:24:11.125 --> 00:24:12.484 to take our two example

NOTE Confidence: 0.979634

00:24:12.484 --> 00:24:14.250 patients and run them through

NOTE Confidence: 0.979634

00:24:14.250 --> 00:24:16.010 those numbers and, and see

NOTE Confidence: 0.979634

00:24:16.010 --> 00:24:17.310 what the net effect is.

NOTE Confidence: 0.96097285

00:24:18.010 --> 00:24:18.970 As I also think it's

NOTE Confidence: 0.96097285

00:24:18.970 --> 00:24:20.650 helpful to know that the

NOTE Confidence: 0.96097285

00:24:20.650 --> 00:24:22.410 government estimates only about twenty

NOTE Confidence: 0.96097285

00:24:22.410 --> 00:24:23.290 percent of people are gonna

NOTE Confidence: 0.96097285

00:24:23.290 --> 00:24:24.410 hit the cap. And so

NOTE Confidence: 0.96097285

00:24:24.410 --> 00:24:25.690 most people are like Mr.

NOTE Confidence: 0.96097285

00:24:25.690 --> 00:24:27.494 A, They're taking maybe one

NOTE Confidence: 0.96097285

00:24:27.494 --> 00:24:29.095 brand name medication and maybe

NOTE Confidence: 0.96097285

00:24:29.095 --> 00:24:30.875 a few generic medications. But,

NOTE Confidence: 0.8689636

00:24:32.295 --> 00:24:33.494 but all about twenty percent

NOTE Confidence: 0.8689636

00:24:33.494 --> 00:24:34.215 of people are, like, gonna

NOTE Confidence: 0.8689636

00:24:34.215 --> 00:24:35.515 be like, missus b.

NOTE Confidence: 0.94695586

00:24:35.975 --> 00:24:36.775 And when you do the

NOTE Confidence: 0.94695586

00:24:36.775 --> 00:24:37.815 math, this is sort of

NOTE Confidence: 0.94695586

00:24:37.815 --> 00:24:38.695 the net effect of the

NOTE Confidence: 0.94695586

00:24:38.695 --> 00:24:40.010 law in twenty twenty five.

NOTE Confidence: 0.9635216

00:24:40.630 --> 00:24:41.450 Both patients,

NOTE Confidence: 0.35861343

00:24:42.070 --> 00:24:42.570 experience

NOTE Confidence: 0.95177156

00:24:43.190 --> 00:24:44.330 increases in deductibles.

NOTE Confidence: 0.9813046

00:24:45.350 --> 00:24:46.390 But the key is that

NOTE Confidence: 0.9813046

00:24:46.390 --> 00:24:47.910 patients like mister a are

NOTE Confidence: 0.9813046

00:24:47.910 --> 00:24:49.830 not hitting the cap, whereas

NOTE Confidence: 0.9813046

00:24:49.830 --> 00:24:51.530 patients like missus b are.

NOTE Confidence: 0.9813046

00:24:51.775 --> 00:24:53.295 And so at the end

NOTE Confidence: 0.9813046  
00:24:53.295 --> 00:24:54.815 of the day, we find  
NOTE Confidence: 0.9813046  
00:24:54.815 --> 00:24:56.095 that if you if based  
NOTE Confidence: 0.9813046  
00:24:56.095 --> 00:24:56.915 on these averages,  
NOTE Confidence: 0.97824824  
00:24:57.934 --> 00:24:58.975 if you're a patient like  
NOTE Confidence: 0.97824824  
00:24:58.975 --> 00:24:59.934 mister a, you're not hitting  
NOTE Confidence: 0.97824824  
00:24:59.934 --> 00:25:00.734 the cap, you may pay  
NOTE Confidence: 0.97824824  
00:25:00.734 --> 00:25:02.434 actually more under this legislation,  
NOTE Confidence: 0.9903451  
00:25:03.135 --> 00:25:04.655 whereas patients like missus b  
NOTE Confidence: 0.9903451  
00:25:04.655 --> 00:25:05.635 are paying less.  
NOTE Confidence: 0.9526791  
00:25:06.095 --> 00:25:06.595 Yeah.  
NOTE Confidence: 0.80694616  
00:25:08.350 --> 00:25:09.790 Thank you, Chris. So twenty  
NOTE Confidence: 0.80694616  
00:25:09.790 --> 00:25:11.090 percent of beneficiary  
NOTE Confidence: 0.34493396  
00:25:11.550 --> 00:25:12.050 are  
NOTE Confidence: 0.54064614  
00:25:12.510 --> 00:25:13.330 on the visa.  
NOTE Confidence: 0.8811843  
00:25:16.429 --> 00:25:17.869 And generally speaking, the purpose  
NOTE Confidence: 0.8811843

00:25:17.869 --> 00:25:18.530 of insurance  
NOTE Confidence: 0.9608419

00:25:19.345 --> 00:25:20.165 is that  
NOTE Confidence: 0.7060444

00:25:21.185 --> 00:25:21.825 the way I put it,  
NOTE Confidence: 0.7060444

00:25:21.825 --> 00:25:23.185 but the healthy people are  
NOTE Confidence: 0.7060444

00:25:23.185 --> 00:25:23.765 a subscriber  
NOTE Confidence: 0.5652918

00:25:24.465 --> 00:25:25.205 of the of the.  
NOTE Confidence: 0.73964715

00:25:25.905 --> 00:25:27.105 So if we institute a  
NOTE Confidence: 0.73964715

00:25:27.105 --> 00:25:28.565 new shield, which is,  
NOTE Confidence: 0.77244014

00:25:29.905 --> 00:25:30.885 we're saying that  
NOTE Confidence: 0.73269105

00:25:46.554 --> 00:25:48.014 does the out of pocket  
NOTE Confidence: 0.73269105

00:25:48.075 --> 00:25:49.595 cost from the eighty percent  
NOTE Confidence: 0.73269105

00:25:49.595 --> 00:25:51.115 of the fifty percent, would  
NOTE Confidence: 0.73269105

00:25:51.115 --> 00:25:52.095 that totally,  
NOTE Confidence: 0.7799048

00:25:52.955 --> 00:25:55.215 make up for the reduction  
NOTE Confidence: 0.7036614

00:25:55.914 --> 00:25:57.375 in patient responsibility?  
NOTE Confidence: 0.84712774

00:25:59.034 --> 00:26:00.130 Like, Like, is this

NOTE Confidence: 0.74640447

00:26:00.430 --> 00:26:02.770 all just a complete unintended

NOTE Confidence: 0.74640447

00:26:02.910 --> 00:26:04.190 consequences for it now? The

NOTE Confidence: 0.74640447

00:26:04.190 --> 00:26:04.690 beneficiary

NOTE Confidence: 0.62921727

00:26:05.070 --> 00:26:05.970 are just completely

NOTE Confidence: 0.80594844

00:26:06.670 --> 00:26:08.110 paying the full amount of

NOTE Confidence: 0.80594844

00:26:08.110 --> 00:26:08.610 additional,

NOTE Confidence: 0.9023128

00:26:09.950 --> 00:26:12.590 additional coverage, or, conversely, is

NOTE Confidence: 0.9023128

00:26:12.590 --> 00:26:14.430 this, like, more general tax

NOTE Confidence: 0.9023128

00:26:14.430 --> 00:26:14.930 dollars?

NOTE Confidence: 0.999296

00:26:16.984 --> 00:26:18.105 Yeah. I think it's a

NOTE Confidence: 0.999296

00:26:18.105 --> 00:26:18.924 really good question.

NOTE Confidence: 0.9647918

00:26:20.744 --> 00:26:22.184 You know, I think you're

NOTE Confidence: 0.9647918

00:26:22.184 --> 00:26:24.105 totally right. That's, like, the

NOTE Confidence: 0.9647918

00:26:24.105 --> 00:26:26.105 social purpose of insurance to

NOTE Confidence: 0.9647918

00:26:26.105 --> 00:26:27.545 spread risk. And so, you

NOTE Confidence: 0.9647918

00:26:27.545 --> 00:26:28.905 know, in some ways, you  
NOTE Confidence: 0.9647918

00:26:28.905 --> 00:26:29.790 could say, like,  
NOTE Confidence: 0.95679677

00:26:30.270 --> 00:26:31.710 this is sort of why  
NOTE Confidence: 0.95679677

00:26:31.710 --> 00:26:32.990 we have insurance, and, like,  
NOTE Confidence: 0.95679677

00:26:32.990 --> 00:26:33.630 maybe this is not a  
NOTE Confidence: 0.95679677

00:26:33.630 --> 00:26:34.290 bad thing.  
NOTE Confidence: 0.99966174

00:26:35.310 --> 00:26:36.450 I think that  
NOTE Confidence: 0.96781623

00:26:36.830 --> 00:26:38.030 there could be an argument  
NOTE Confidence: 0.96781623

00:26:38.030 --> 00:26:39.230 that, like, the sum is  
NOTE Confidence: 0.96781623

00:26:39.230 --> 00:26:40.990 is less than their parts  
NOTE Confidence: 0.96781623

00:26:40.990 --> 00:26:42.510 because what we see is,  
NOTE Confidence: 0.96781623

00:26:42.830 --> 00:26:43.869 and it's not shown here,  
NOTE Confidence: 0.96781623

00:26:43.869 --> 00:26:45.535 but because of a lot  
NOTE Confidence: 0.96781623

00:26:45.535 --> 00:26:46.655 of plans are leaving the  
NOTE Confidence: 0.96781623

00:26:46.655 --> 00:26:47.155 marketplace,  
NOTE Confidence: 0.9989437

00:26:48.015 --> 00:26:49.135 we have a follow-up study

NOTE Confidence: 0.9989437  
00:26:49.135 --> 00:26:50.035 that shows that  
NOTE Confidence: 0.99942195  
00:26:50.335 --> 00:26:51.955 the lack of competition leads  
NOTE Confidence: 0.96173126  
00:26:52.335 --> 00:26:53.695 to way less generous plans.  
NOTE Confidence: 0.96173126  
00:26:53.695 --> 00:26:54.435 And so,  
NOTE Confidence: 0.93921345  
00:26:55.055 --> 00:26:55.855 that is sort of what  
NOTE Confidence: 0.93921345  
00:26:55.855 --> 00:26:56.655 I mean by the sum  
NOTE Confidence: 0.93921345  
00:26:56.655 --> 00:26:57.615 is not just you know,  
NOTE Confidence: 0.93921345  
00:26:57.615 --> 00:26:58.734 like, I think the amount  
NOTE Confidence: 0.93921345  
00:26:58.734 --> 00:26:59.775 of money that is going  
NOTE Confidence: 0.93921345  
00:26:59.775 --> 00:27:01.590 to the ultimately trickling down  
NOTE Confidence: 0.93921345  
00:27:01.590 --> 00:27:03.030 to beneficiaries could be less  
NOTE Confidence: 0.93921345  
00:27:03.030 --> 00:27:05.109 because competition is is is  
NOTE Confidence: 0.93921345  
00:27:05.109 --> 00:27:06.310 less is one way to  
NOTE Confidence: 0.93921345  
00:27:06.310 --> 00:27:06.950 address that.  
NOTE Confidence: 0.99637634  
00:27:07.670 --> 00:27:08.550 And then the other piece  
NOTE Confidence: 0.99637634

00:27:08.550 --> 00:27:09.510 of it is that,  
NOTE Confidence: 0.97468585

00:27:10.070 --> 00:27:11.350 you know, that eighty percent  
NOTE Confidence: 0.97468585

00:27:11.350 --> 00:27:13.205 number is based on estimates,  
NOTE Confidence: 0.97468585

00:27:13.205 --> 00:27:14.765 historical data. But one worry  
NOTE Confidence: 0.97468585

00:27:14.765 --> 00:27:15.765 I have is I see  
NOTE Confidence: 0.97468585

00:27:15.765 --> 00:27:17.605 patients who are like Mr.  
NOTE Confidence: 0.97468585

00:27:17.605 --> 00:27:18.725 A, but they,  
NOTE Confidence: 0.959078

00:27:19.605 --> 00:27:20.645 or I'm sorry, are like  
NOTE Confidence: 0.959078

00:27:20.645 --> 00:27:22.165 Mrs. B, but she is  
NOTE Confidence: 0.959078

00:27:22.165 --> 00:27:23.365 not there. They're not hitting,  
NOTE Confidence: 0.959078

00:27:23.365 --> 00:27:24.405 they're not, they don't have  
NOTE Confidence: 0.959078

00:27:24.405 --> 00:27:25.685 two thousand dollars to pay.  
NOTE Confidence: 0.959078

00:27:25.685 --> 00:27:27.389 So they may eventually hit  
NOTE Confidence: 0.959078

00:27:27.389 --> 00:27:28.429 the cap if, if they  
NOTE Confidence: 0.959078

00:27:28.429 --> 00:27:29.629 just fill their medications, but  
NOTE Confidence: 0.959078

00:27:29.629 --> 00:27:31.009 they see a higher deductible

NOTE Confidence: 0.959078

00:27:31.070 --> 00:27:32.429 and they go to the

NOTE Confidence: 0.959078

00:27:32.429 --> 00:27:33.710 pharmacy and they're like, why,

NOTE Confidence: 0.959078

00:27:33.710 --> 00:27:35.389 woah, my medications cost way

NOTE Confidence: 0.959078

00:27:35.389 --> 00:27:36.669 more. And you want to

NOTE Confidence: 0.959078

00:27:36.669 --> 00:27:38.029 say to them, I know,

NOTE Confidence: 0.959078

00:27:38.029 --> 00:27:39.205 but if, but in March,

NOTE Confidence: 0.959078

00:27:39.205 --> 00:27:40.244 you're gonna hit the cap.

NOTE Confidence: 0.959078

00:27:40.244 --> 00:27:41.205 And so you have to

NOTE Confidence: 0.959078

00:27:41.205 --> 00:27:42.424 pay through, unfortunately.

NOTE Confidence: 0.97801965

00:27:42.884 --> 00:27:43.845 But I think we're gonna

NOTE Confidence: 0.97801965

00:27:43.845 --> 00:27:45.445 see a scenario where because

NOTE Confidence: 0.97801965

00:27:45.445 --> 00:27:46.884 the deductibles went up, that

NOTE Confidence: 0.97801965

00:27:46.884 --> 00:27:48.565 discourages people from filling their

NOTE Confidence: 0.97801965

00:27:48.565 --> 00:27:50.725 medications. And that ultimately may

NOTE Confidence: 0.97801965

00:27:50.725 --> 00:27:52.164 mean that fewer people than

NOTE Confidence: 0.97801965

00:27:52.164 --> 00:27:52.664 expected  
NOTE Confidence: 0.97578263

00:27:53.080 --> 00:27:54.280 benefit from the law is  
NOTE Confidence: 0.97578263

00:27:54.280 --> 00:27:55.000 one worry I have. I  
NOTE Confidence: 0.97578263

00:27:55.000 --> 00:27:55.800 don't know if that is  
NOTE Confidence: 0.97578263

00:27:55.800 --> 00:27:56.920 gonna bear out, but that,  
NOTE Confidence: 0.97578263

00:27:56.920 --> 00:27:57.800 I think, could be a  
NOTE Confidence: 0.97578263

00:27:57.800 --> 00:27:58.940 potential consequence.  
NOTE Confidence: 0.9374016

00:27:59.320 --> 00:28:00.619 You're gonna measure that?  
NOTE Confidence: 0.99202394

00:28:01.240 --> 00:28:02.280 I think you really just  
NOTE Confidence: 0.99202394

00:28:02.280 --> 00:28:03.320 have to go back. And  
NOTE Confidence: 0.99202394

00:28:03.320 --> 00:28:04.600 so the government that eighty  
NOTE Confidence: 0.99202394

00:28:04.600 --> 00:28:05.560 percent number is from, like,  
NOTE Confidence: 0.99202394

00:28:05.560 --> 00:28:07.100 I think, twenty nineteen data.  
NOTE Confidence: 0.8088012

00:28:08.164 --> 00:28:08.965 Just thinking that I think  
NOTE Confidence: 0.8088012

00:28:08.965 --> 00:28:10.424 is a very important Yeah.  
NOTE Confidence: 0.85813904

00:28:11.365 --> 00:28:12.484 That do you have any

NOTE Confidence: 0.85813904  
00:28:12.484 --> 00:28:13.304 way of detecting?  
NOTE Confidence: 0.9995154  
00:28:13.765 --> 00:28:15.044 Yeah. That's a good question.  
NOTE Confidence: 0.97996867  
00:28:15.365 --> 00:28:17.125 You know, one I'll show  
NOTE Confidence: 0.97996867  
00:28:17.125 --> 00:28:18.645 you some data that suggests  
NOTE Confidence: 0.97996867  
00:28:18.645 --> 00:28:20.325 that, in January twenty twenty  
NOTE Confidence: 0.97996867  
00:28:20.325 --> 00:28:21.605 five, fills go down a  
NOTE Confidence: 0.97996867  
00:28:21.605 --> 00:28:22.484 little bit, but then they  
NOTE Confidence: 0.97996867  
00:28:22.484 --> 00:28:24.030 quickly recover. So that  
NOTE Confidence: 0.9811653  
00:28:24.510 --> 00:28:25.470 we'll have to really wait  
NOTE Confidence: 0.9811653  
00:28:25.470 --> 00:28:26.830 for the claims, the person  
NOTE Confidence: 0.9811653  
00:28:26.830 --> 00:28:28.270 level data. But in population  
NOTE Confidence: 0.9811653  
00:28:28.270 --> 00:28:29.710 level data, we see that  
NOTE Confidence: 0.9811653  
00:28:29.710 --> 00:28:30.770 the fills actually  
NOTE Confidence: 0.96842086  
00:28:31.070 --> 00:28:32.530 decrease, which is concerning.  
NOTE Confidence: 0.92275226  
00:28:35.869 --> 00:28:37.630 Fine. I'll I'll first, two  
NOTE Confidence: 0.92275226

00:28:37.630 --> 00:28:38.610 questions. First,  
NOTE Confidence: 0.9405744

00:28:38.975 --> 00:28:40.255 please repeat questions from the  
NOTE Confidence: 0.9405744

00:28:40.255 --> 00:28:41.935 audience so that Oh, yes.  
NOTE Confidence: 0.9405744

00:28:41.935 --> 00:28:42.835 Okay. Great.  
NOTE Confidence: 0.9095271

00:28:43.535 --> 00:28:44.735 Microphone's on, so we should  
NOTE Confidence: 0.9095271

00:28:44.735 --> 00:28:45.395 be good.  
NOTE Confidence: 0.7012009

00:28:45.695 --> 00:28:46.335 And second,  
NOTE Confidence: 0.9886516

00:28:46.655 --> 00:28:47.235 I thought  
NOTE Confidence: 0.862914

00:28:48.095 --> 00:28:49.615 is for well, David Rosenthal.  
NOTE Confidence: 0.862914

00:28:49.775 --> 00:28:50.815 Do you wanna just jump  
NOTE Confidence: 0.862914

00:28:50.815 --> 00:28:51.315 on?  
NOTE Confidence: 0.9507155

00:28:51.679 --> 00:28:52.720 Yeah. Sure. Thank you so  
NOTE Confidence: 0.9507155

00:28:52.720 --> 00:28:54.320 much. I just, ibrutinib is  
NOTE Confidence: 0.9507155

00:28:54.320 --> 00:28:55.200 one of the drugs that's  
NOTE Confidence: 0.9507155

00:28:55.200 --> 00:28:56.480 gonna, I think, adjust, correct,  
NOTE Confidence: 0.9507155

00:28:56.480 --> 00:28:57.440 in twenty twenty six. I'm

NOTE Confidence: 0.9507155

00:28:57.440 --> 00:28:58.559 just curious how that's gonna

NOTE Confidence: 0.9507155

00:28:58.559 --> 00:29:00.559 change these mister a, mister

NOTE Confidence: 0.9507155

00:29:00.559 --> 00:29:01.760 b out of pocket costs

NOTE Confidence: 0.9507155

00:29:01.760 --> 00:29:02.900 or your your modeling.

NOTE Confidence: 0.9482742

00:29:04.054 --> 00:29:05.255 You're totally right. So, yeah,

NOTE Confidence: 0.9482742

00:29:05.255 --> 00:29:06.535 it it is it's one

NOTE Confidence: 0.9482742

00:29:06.535 --> 00:29:07.815 of the medications, as you

NOTE Confidence: 0.9482742

00:29:07.815 --> 00:29:09.015 point out, that is subject

NOTE Confidence: 0.9482742

00:29:09.015 --> 00:29:10.794 to price negotiation. So

NOTE Confidence: 0.98748296

00:29:11.095 --> 00:29:12.615 a whole separate arm of

NOTE Confidence: 0.98748296

00:29:12.615 --> 00:29:14.615 the legislation empowered Medicare to

NOTE Confidence: 0.98748296

00:29:14.615 --> 00:29:16.235 negotiate prices. And so

NOTE Confidence: 0.9794523

00:29:18.150 --> 00:29:19.850 I think that it hopefully,

NOTE Confidence: 0.95753783

00:29:20.550 --> 00:29:21.510 on the one hand, it

NOTE Confidence: 0.95753783

00:29:21.510 --> 00:29:22.310 it won't really make a

NOTE Confidence: 0.95753783

00:29:22.310 --> 00:29:23.430 difference for missus b. She's

NOTE Confidence: 0.95753783

00:29:23.430 --> 00:29:24.550 gonna pay two thousand dollars

NOTE Confidence: 0.95753783

00:29:24.550 --> 00:29:26.310 anyway, but I think the

NOTE Confidence: 0.95753783

00:29:26.310 --> 00:29:27.510 theory is that, okay, the

NOTE Confidence: 0.95753783

00:29:27.510 --> 00:29:29.430 medication costs less, the insurers

NOTE Confidence: 0.95753783

00:29:29.430 --> 00:29:30.790 pay less, and then eventually,

NOTE Confidence: 0.95753783

00:29:30.790 --> 00:29:32.330 that will help other patients.

NOTE Confidence: 0.9161426

00:29:33.674 --> 00:29:34.794 Only a select group of

NOTE Confidence: 0.9161426

00:29:34.794 --> 00:29:36.394 medic of medications are,

NOTE Confidence: 0.9196737

00:29:36.715 --> 00:29:37.934 eligible for negotiation.

NOTE Confidence: 0.96455

00:29:38.235 --> 00:29:39.674 So I think a bigger

NOTE Confidence: 0.96455

00:29:39.674 --> 00:29:41.355 picture takeaway from this data

NOTE Confidence: 0.96455

00:29:41.355 --> 00:29:42.715 is that we really should

NOTE Confidence: 0.96455

00:29:42.715 --> 00:29:44.315 be empowering Medicare to negotiate

NOTE Confidence: 0.96455

00:29:44.315 --> 00:29:45.755 all drugs. Right? And that

NOTE Confidence: 0.96455

00:29:45.755 --> 00:29:46.635 that is the way to

NOTE Confidence: 0.96455  
00:29:46.635 --> 00:29:47.515 have your cake and eat  
NOTE Confidence: 0.96455  
00:29:47.515 --> 00:29:49.170 it too. Right? We're we  
NOTE Confidence: 0.96455  
00:29:49.170 --> 00:29:50.210 know of we're trying to  
NOTE Confidence: 0.96455  
00:29:50.210 --> 00:29:50.930 get people to take more  
NOTE Confidence: 0.96455  
00:29:50.930 --> 00:29:52.610 medications. And if you don't  
NOTE Confidence: 0.96455  
00:29:52.610 --> 00:29:53.650 want cost to go up,  
NOTE Confidence: 0.96455  
00:29:53.650 --> 00:29:55.330 you should allow the government,  
NOTE Confidence: 0.96455  
00:29:55.330 --> 00:29:56.690 like any other payer, to  
NOTE Confidence: 0.96455  
00:29:56.690 --> 00:29:57.910 negotiate prices.  
NOTE Confidence: 0.9818142  
00:30:01.365 --> 00:30:02.805 Just to support that point,  
NOTE Confidence: 0.9818142  
00:30:02.805 --> 00:30:03.765 the VA has been able  
NOTE Confidence: 0.9818142  
00:30:03.765 --> 00:30:05.205 to negotiate prices for many  
NOTE Confidence: 0.9818142  
00:30:05.205 --> 00:30:07.125 years and has effectively halved  
NOTE Confidence: 0.9818142  
00:30:07.125 --> 00:30:08.645 the cost. Yeah. So I  
NOTE Confidence: 0.9818142  
00:30:08.645 --> 00:30:10.005 totally agree. That's a very  
NOTE Confidence: 0.9818142

00:30:10.005 --> 00:30:11.305 good point. Yeah. We have  
NOTE Confidence: 0.9818142

00:30:11.525 --> 00:30:13.125 a very nice, you know,  
NOTE Confidence: 0.9818142

00:30:13.205 --> 00:30:14.325 health system to look to  
NOTE Confidence: 0.9818142

00:30:14.325 --> 00:30:15.890 for for guidance there and  
NOTE Confidence: 0.9818142

00:30:15.890 --> 00:30:17.490 the, you know, the reasons  
NOTE Confidence: 0.9818142

00:30:17.490 --> 00:30:17.990 for  
NOTE Confidence: 0.9417353

00:30:18.450 --> 00:30:19.270 those stipulations.  
NOTE Confidence: 0.92699254

00:30:20.210 --> 00:30:22.049 Restricting negotiation are are not  
NOTE Confidence: 0.92699254

00:30:22.049 --> 00:30:23.570 really evidence based or the  
NOTE Confidence: 0.92699254

00:30:23.570 --> 00:30:24.470 result of lobbying.  
NOTE Confidence: 0.93716633

00:30:26.289 --> 00:30:27.490 So I wanna make sure  
NOTE Confidence: 0.93716633

00:30:27.490 --> 00:30:29.010 I get enough time for  
NOTE Confidence: 0.93716633

00:30:29.010 --> 00:30:30.684 quest, for discussion. So,  
NOTE Confidence: 0.97167414

00:30:31.485 --> 00:30:32.605 I'm gonna skip ahead to  
NOTE Confidence: 0.97167414

00:30:32.605 --> 00:30:33.804 the second study I was  
NOTE Confidence: 0.97167414

00:30:33.804 --> 00:30:35.085 going to present, which is

NOTE Confidence: 0.97167414  
00:30:35.085 --> 00:30:36.125 to look at the effects  
NOTE Confidence: 0.97167414  
00:30:36.125 --> 00:30:37.085 of the law of medication  
NOTE Confidence: 0.97167414  
00:30:37.085 --> 00:30:38.524 use, which I think is  
NOTE Confidence: 0.97167414  
00:30:38.524 --> 00:30:39.485 actually a little bit more  
NOTE Confidence: 0.97167414  
00:30:39.485 --> 00:30:40.544 interesting. So,  
NOTE Confidence: 0.96807283  
00:30:40.924 --> 00:30:41.965 big picture, this is a  
NOTE Confidence: 0.96807283  
00:30:41.965 --> 00:30:43.965 difference in differences analysis. We  
NOTE Confidence: 0.96807283  
00:30:43.965 --> 00:30:44.580 have a  
NOTE Confidence: 0.9878163  
00:30:45.460 --> 00:30:46.500 control group, and then we  
NOTE Confidence: 0.9878163  
00:30:46.500 --> 00:30:47.860 have a treatment group. We  
NOTE Confidence: 0.9878163  
00:30:47.860 --> 00:30:49.140 see what happens to both  
NOTE Confidence: 0.9878163  
00:30:49.140 --> 00:30:50.580 after an intervention, and then  
NOTE Confidence: 0.9878163  
00:30:50.580 --> 00:30:51.960 we compare those differences.  
NOTE Confidence: 0.91402537  
00:30:53.299 --> 00:30:55.140 We used, a database called  
NOTE Confidence: 0.91402537  
00:30:55.140 --> 00:30:56.419 Symphony Metis, which is a  
NOTE Confidence: 0.91402537

00:30:56.419 --> 00:30:58.179 retail all pair pharmacy claims  
NOTE Confidence: 0.91402537

00:30:58.179 --> 00:30:58.679 database.  
NOTE Confidence: 0.96750784

00:30:59.620 --> 00:31:01.275 And it has data at  
NOTE Confidence: 0.96750784

00:31:01.275 --> 00:31:02.475 the drug level. So it's  
NOTE Confidence: 0.96750784

00:31:02.475 --> 00:31:04.655 population data. There's no individual  
NOTE Confidence: 0.96750784

00:31:04.715 --> 00:31:05.535 level data,  
NOTE Confidence: 0.9731938

00:31:06.235 --> 00:31:08.075 but it provides very timely  
NOTE Confidence: 0.9731938

00:31:08.075 --> 00:31:09.515 analyses. We have data from  
NOTE Confidence: 0.9731938

00:31:09.515 --> 00:31:10.875 actually, like, last week in  
NOTE Confidence: 0.9731938

00:31:10.875 --> 00:31:11.375 there.  
NOTE Confidence: 0.885862

00:31:12.475 --> 00:31:13.135 We linked  
NOTE Confidence: 0.8571495

00:31:13.435 --> 00:31:14.955 that prescription fill data to  
NOTE Confidence: 0.8571495

00:31:14.955 --> 00:31:15.855 pricing data,  
NOTE Confidence: 0.9990888

00:31:16.170 --> 00:31:17.690 and we included about three  
NOTE Confidence: 0.9990888

00:31:17.690 --> 00:31:18.590 thousand medications.  
NOTE Confidence: 0.9778856

00:31:19.130 --> 00:31:21.130 We excluded medications which had

NOTE Confidence: 0.9778856

00:31:21.130 --> 00:31:22.410 no fills in twenty twenty

NOTE Confidence: 0.9778856

00:31:22.410 --> 00:31:23.930 two, the first quarter of

NOTE Confidence: 0.9778856

00:31:23.930 --> 00:31:25.930 our study period, and also

NOTE Confidence: 0.9778856

00:31:25.930 --> 00:31:28.010 vaccine and insulin formulations, which

NOTE Confidence: 0.9778856

00:31:28.010 --> 00:31:29.690 underwent separate reforms during the

NOTE Confidence: 0.9778856

00:31:29.690 --> 00:31:30.190 period.

NOTE Confidence: 0.98367375

00:31:31.055 --> 00:31:32.335 And our key outcome was

NOTE Confidence: 0.98367375

00:31:32.335 --> 00:31:34.035 prescription fills per capita.

NOTE Confidence: 0.97381246

00:31:34.415 --> 00:31:35.695 And we calculated this as

NOTE Confidence: 0.97381246

00:31:35.695 --> 00:31:37.075 a weighted change from baseline.

NOTE Confidence: 0.95031476

00:31:38.255 --> 00:31:39.535 And so we were basically

NOTE Confidence: 0.95031476

00:31:39.535 --> 00:31:41.155 assessing medication use.

NOTE Confidence: 0.9495208

00:31:42.175 --> 00:31:42.995 We hypothesized

NOTE Confidence: 0.98452085

00:31:43.375 --> 00:31:44.650 that the higher cost drugs

NOTE Confidence: 0.98452085

00:31:44.650 --> 00:31:45.770 would increase more. And so

NOTE Confidence: 0.98452085

00:31:45.770 --> 00:31:47.370 we divided medications into different

NOTE Confidence: 0.98452085

00:31:47.370 --> 00:31:48.730 buckets based on their monthly

NOTE Confidence: 0.98452085

00:31:48.730 --> 00:31:49.230 price.

NOTE Confidence: 0.97090757

00:31:49.530 --> 00:31:50.890 And so these are sort

NOTE Confidence: 0.97090757

00:31:50.890 --> 00:31:52.330 of arbitrary cutoffs, but we

NOTE Confidence: 0.97090757

00:31:52.330 --> 00:31:53.290 tried to make cutoffs that

NOTE Confidence: 0.97090757

00:31:53.290 --> 00:31:54.170 were based on out of

NOTE Confidence: 0.97090757

00:31:54.170 --> 00:31:55.690 pocket costs. And so, for

NOTE Confidence: 0.97090757

00:31:55.690 --> 00:31:56.190 example,

NOTE Confidence: 0.98466986

00:31:56.524 --> 00:31:57.965 if a medication costs more

NOTE Confidence: 0.98466986

00:31:57.965 --> 00:31:58.845 than eight hundred and thirty

NOTE Confidence: 0.98466986

00:31:58.845 --> 00:32:00.205 dollars per month, patients have

NOTE Confidence: 0.98466986

00:32:00.205 --> 00:32:01.565 to pay typically more out

NOTE Confidence: 0.98466986

00:32:01.565 --> 00:32:02.684 of pocket for that because

NOTE Confidence: 0.98466986

00:32:02.684 --> 00:32:03.804 the medication is called a

NOTE Confidence: 0.98466986

00:32:03.804 --> 00:32:04.784 specialty medication.

NOTE Confidence: 0.937933  
00:32:06.684 --> 00:32:07.725 And we did a difference  
NOTE Confidence: 0.937933  
00:32:07.725 --> 00:32:08.384 of difference.  
NOTE Confidence: 0.96666014  
00:32:09.179 --> 00:32:11.020 We chose commercial as our  
NOTE Confidence: 0.96666014  
00:32:11.020 --> 00:32:13.020 control group. The the Inflation  
NOTE Confidence: 0.96666014  
00:32:13.020 --> 00:32:14.140 Reduction Act did not really  
NOTE Confidence: 0.96666014  
00:32:14.140 --> 00:32:15.659 affect the commercial population, so  
NOTE Confidence: 0.96666014  
00:32:15.659 --> 00:32:17.340 we hypothesized that use would  
NOTE Confidence: 0.96666014  
00:32:17.340 --> 00:32:17.840 be,  
NOTE Confidence: 0.9811278  
00:32:18.140 --> 00:32:19.580 fairly stable there, and we  
NOTE Confidence: 0.9811278  
00:32:19.580 --> 00:32:20.620 compared that to use in  
NOTE Confidence: 0.9811278  
00:32:20.620 --> 00:32:21.760 the Medicare population.  
NOTE Confidence: 0.9695245  
00:32:23.105 --> 00:32:24.245 We had some seasonal,  
NOTE Confidence: 0.99765044  
00:32:24.545 --> 00:32:26.005 and drug level fixed effects.  
NOTE Confidence: 0.8549957  
00:32:26.865 --> 00:32:28.225 We evaluated the parallel trends  
NOTE Confidence: 0.8549957  
00:32:28.225 --> 00:32:28.725 assumption,  
NOTE Confidence: 0.9739294

00:32:29.665 --> 00:32:31.125 just using a simple regression.  
NOTE Confidence: 0.9891703

00:32:31.985 --> 00:32:32.785 And then we had a  
NOTE Confidence: 0.9891703

00:32:32.785 --> 00:32:34.565 more conservative value for  
NOTE Confidence: 0.89566797

00:32:34.865 --> 00:32:36.465 statistical significance given that we  
NOTE Confidence: 0.89566797

00:32:36.465 --> 00:32:37.350 did four tests,  
NOTE Confidence: 0.9896886

00:32:38.070 --> 00:32:39.669 consistent with our four different,  
NOTE Confidence: 0.9988739

00:32:40.070 --> 00:32:41.530 monthly pricing groups.  
NOTE Confidence: 0.9457683

00:32:42.950 --> 00:32:44.630 We did various subgroup analyses  
NOTE Confidence: 0.9457683

00:32:44.630 --> 00:32:45.830 looking at the most common  
NOTE Confidence: 0.9457683

00:32:45.830 --> 00:32:47.370 medications, different diseases.  
NOTE Confidence: 0.93915105

00:32:48.070 --> 00:32:48.870 And we knew the law  
NOTE Confidence: 0.93915105

00:32:48.870 --> 00:32:50.390 was implemented in January twenty  
NOTE Confidence: 0.93915105

00:32:50.390 --> 00:32:51.805 twenty four, and so that  
NOTE Confidence: 0.93915105

00:32:51.805 --> 00:32:53.325 is when deductibles reset. And  
NOTE Confidence: 0.93915105

00:32:53.325 --> 00:32:55.165 so that's a potential confounder.  
NOTE Confidence: 0.93915105

00:32:55.165 --> 00:32:56.365 And so we had a

NOTE Confidence: 0.93915105

00:32:56.365 --> 00:32:58.465 falsification analysis where we we

NOTE Confidence: 0.93915105

00:32:58.525 --> 00:32:59.565 pretended that the law was

NOTE Confidence: 0.93915105

00:32:59.565 --> 00:33:00.685 implemented in twenty twenty three

NOTE Confidence: 0.93915105

00:33:00.685 --> 00:33:02.145 and reran all of our

NOTE Confidence: 0.93915105

00:33:02.205 --> 00:33:03.725 analyses to see if, okay,

NOTE Confidence: 0.93915105

00:33:03.725 --> 00:33:04.845 was it really the the

NOTE Confidence: 0.93915105

00:33:04.845 --> 00:33:05.725 year the law was in

NOTE Confidence: 0.93915105

00:33:05.725 --> 00:33:06.685 lit, or was it the

NOTE Confidence: 0.93915105

00:33:06.685 --> 00:33:07.110 deductibles

NOTE Confidence: 0.8967098

00:33:11.110 --> 00:33:12.630 so some some data here,

NOTE Confidence: 0.8967098

00:33:12.630 --> 00:33:13.590 this is just the table

NOTE Confidence: 0.8967098

00:33:13.590 --> 00:33:14.950 of medications at the drug

NOTE Confidence: 0.8967098

00:33:14.950 --> 00:33:16.470 level and set. And you

NOTE Confidence: 0.8967098

00:33:16.549 --> 00:33:17.590 you'll note that the low

NOTE Confidence: 0.8967098

00:33:17.590 --> 00:33:18.549 cost drugs, less than a

NOTE Confidence: 0.8967098

00:33:18.549 --> 00:33:19.935 hundred dollars per month,  
NOTE Confidence: 0.99541855

00:33:20.495 --> 00:33:21.615 are the most common. About  
NOTE Confidence: 0.99541855

00:33:21.615 --> 00:33:22.655 half of the cohort is  
NOTE Confidence: 0.99541855

00:33:22.655 --> 00:33:23.155 there.  
NOTE Confidence: 0.9914063

00:33:23.535 --> 00:33:24.175 And then by the time  
NOTE Confidence: 0.9914063

00:33:24.175 --> 00:33:24.895 you get to the very  
NOTE Confidence: 0.9914063

00:33:24.895 --> 00:33:25.875 high cost drugs,  
NOTE Confidence: 0.98384726

00:33:26.655 --> 00:33:27.455 it's only a hundred and  
NOTE Confidence: 0.98384726

00:33:27.455 --> 00:33:28.995 fifty medications, but they're responsible  
NOTE Confidence: 0.98384726

00:33:29.135 --> 00:33:30.335 for a large proportion of  
NOTE Confidence: 0.98384726

00:33:30.335 --> 00:33:30.835 spending.  
NOTE Confidence: 0.9793792

00:33:31.615 --> 00:33:32.815 And to add some color,  
NOTE Confidence: 0.9793792

00:33:32.815 --> 00:33:33.695 you see these are the  
NOTE Confidence: 0.9793792

00:33:33.695 --> 00:33:35.360 most common medications, atorvastatin,  
NOTE Confidence: 0.99012166

00:33:36.700 --> 00:33:37.200 apixaban,  
NOTE Confidence: 0.9145195

00:33:38.860 --> 00:33:40.220 Biktarvy. And I like to

NOTE Confidence: 0.9145195

00:33:40.220 --> 00:33:41.420 use the generic name, but

NOTE Confidence: 0.9145195

00:33:41.420 --> 00:33:42.300 the brand name is, like,

NOTE Confidence: 0.9145195

00:33:42.300 --> 00:33:43.340 so catchy when there are

NOTE Confidence: 0.9145195

00:33:43.340 --> 00:33:44.540 three drugs, so I just

NOTE Confidence: 0.9145195

00:33:44.540 --> 00:33:45.280 kinda cave.

NOTE Confidence: 0.9548021

00:33:45.980 --> 00:33:47.835 And then, Ofev, which is

NOTE Confidence: 0.9548021

00:33:47.835 --> 00:33:49.695 a medication for, interstitial,

NOTE Confidence: 0.9985683

00:33:50.315 --> 00:33:51.054 lung disease.

NOTE Confidence: 0.9586722

00:33:52.955 --> 00:33:54.235 We evaluated what's called the

NOTE Confidence: 0.9586722

00:33:54.235 --> 00:33:55.835 parallel trends assumption. We wanna

NOTE Confidence: 0.9586722

00:33:55.835 --> 00:33:56.955 make sure that the two

NOTE Confidence: 0.9586722

00:33:56.955 --> 00:33:57.855 groups are

NOTE Confidence: 0.9473073

00:33:58.635 --> 00:34:00.155 moving in parallel prior to

NOTE Confidence: 0.9473073

00:34:00.155 --> 00:34:01.455 the law of being implemented.

NOTE Confidence: 0.95646894

00:34:02.500 --> 00:34:03.860 And so that is ideal,

NOTE Confidence: 0.95646894

00:34:03.860 --> 00:34:04.580 right, if one is going  
NOTE Confidence: 0.95646894

00:34:04.580 --> 00:34:05.380 up and one's going down.  
NOTE Confidence: 0.95646894

00:34:05.380 --> 00:34:06.179 And how can you really  
NOTE Confidence: 0.95646894

00:34:06.179 --> 00:34:07.860 tell if it's the  
NOTE Confidence: 0.95646894

00:34:07.860 --> 00:34:08.920 if it's the policy?  
NOTE Confidence: 0.9689188

00:34:09.219 --> 00:34:10.520 And this is the statistical  
NOTE Confidence: 0.9689188

00:34:10.580 --> 00:34:12.040 test we did, which suggests  
NOTE Confidence: 0.88316983

00:34:12.500 --> 00:34:14.280 that, controlled for seasonality,  
NOTE Confidence: 0.9977484

00:34:14.580 --> 00:34:16.020 the two groups were essentially  
NOTE Confidence: 0.9977484

00:34:16.020 --> 00:34:16.520 moving  
NOTE Confidence: 0.9925957

00:34:17.305 --> 00:34:18.364 in in parallel.  
NOTE Confidence: 0.95752794

00:34:19.065 --> 00:34:20.344 I think it's more intuitive  
NOTE Confidence: 0.95752794

00:34:20.344 --> 00:34:21.145 just to look at it  
NOTE Confidence: 0.95752794

00:34:21.145 --> 00:34:22.525 visually. And so here's,  
NOTE Confidence: 0.99286926

00:34:23.065 --> 00:34:25.065 here's the the preliminary results  
NOTE Confidence: 0.99286926

00:34:25.065 --> 00:34:26.364 based on that data.

NOTE Confidence: 0.9918248  
00:34:27.145 --> 00:34:28.185 A lot in this slide,  
NOTE Confidence: 0.9918248  
00:34:28.185 --> 00:34:29.385 I'll walk you through it.  
NOTE Confidence: 0.9918248  
00:34:29.625 --> 00:34:30.985 The blue is commercial, which  
NOTE Confidence: 0.9918248  
00:34:30.985 --> 00:34:32.369 is our control group. And  
NOTE Confidence: 0.9918248  
00:34:32.369 --> 00:34:32.869 so  
NOTE Confidence: 0.9759976  
00:34:33.170 --> 00:34:34.130 and then the red is  
NOTE Confidence: 0.9759976  
00:34:34.130 --> 00:34:35.509 our treatment group, Medicare.  
NOTE Confidence: 0.9941221  
00:34:36.130 --> 00:34:37.410 And so what you have  
NOTE Confidence: 0.9941221  
00:34:37.410 --> 00:34:38.930 on the x axis is  
NOTE Confidence: 0.9941221  
00:34:38.930 --> 00:34:39.890 time, and then on the  
NOTE Confidence: 0.9941221  
00:34:39.890 --> 00:34:41.410 y axis, a change from  
NOTE Confidence: 0.9941221  
00:34:41.410 --> 00:34:41.910 baseline.  
NOTE Confidence: 0.99209374  
00:34:42.690 --> 00:34:44.130 So everything starts at zero  
NOTE Confidence: 0.99209374  
00:34:44.130 --> 00:34:45.489 because that's the baseline. And  
NOTE Confidence: 0.99209374  
00:34:45.489 --> 00:34:46.255 then over time,  
NOTE Confidence: 0.9844452

00:34:46.975 --> 00:34:48.094 you see growth in use  
NOTE Confidence: 0.9844452

00:34:48.094 --> 00:34:49.855 or, you know, decreases in  
NOTE Confidence: 0.9844452

00:34:49.855 --> 00:34:51.215 use. And this is all  
NOTE Confidence: 0.9844452

00:34:51.215 --> 00:34:52.734 before the policy was implemented.  
NOTE Confidence: 0.9844452

00:34:52.734 --> 00:34:53.234 So  
NOTE Confidence: 0.98130757

00:34:53.614 --> 00:34:54.575 what you would hope for  
NOTE Confidence: 0.98130757

00:34:54.575 --> 00:34:56.094 from a research perspective is  
NOTE Confidence: 0.98130757

00:34:56.094 --> 00:34:56.975 that the two groups, if  
NOTE Confidence: 0.98130757

00:34:56.975 --> 00:34:58.175 they don't overlap, at least  
NOTE Confidence: 0.98130757

00:34:58.175 --> 00:34:59.135 they, they are moving in  
NOTE Confidence: 0.98130757

00:34:59.135 --> 00:34:59.635 parallel.  
NOTE Confidence: 0.89116013

00:35:00.480 --> 00:35:02.020 And you can see qualitatively,  
NOTE Confidence: 0.9765974

00:35:02.400 --> 00:35:03.520 the big caveat is the  
NOTE Confidence: 0.9765974

00:35:03.520 --> 00:35:04.960 confidence intervals are very wide,  
NOTE Confidence: 0.9765974

00:35:04.960 --> 00:35:07.120 but qualitatively, they they match  
NOTE Confidence: 0.9765974

00:35:07.120 --> 00:35:08.400 the statistical test that you

NOTE Confidence: 0.9765974

00:35:08.400 --> 00:35:09.360 saw on the prior slide.

NOTE Confidence: 0.9765974

00:35:09.360 --> 00:35:11.040 The two groups are moving

NOTE Confidence: 0.9765974

00:35:11.040 --> 00:35:11.540 similar.

NOTE Confidence: 0.9519809

00:35:13.635 --> 00:35:14.515 Sorry to interrupt.

NOTE Confidence: 0.96704566

00:35:14.835 --> 00:35:16.114 How do you account for

NOTE Confidence: 0.96704566

00:35:16.114 --> 00:35:17.395 the I I know it's

NOTE Confidence: 0.96704566

00:35:17.395 --> 00:35:20.275 marginal increases in numeric numbers

NOTE Confidence: 0.96704566

00:35:20.275 --> 00:35:22.114 of eligible Medicare adults over

NOTE Confidence: 0.96704566

00:35:22.114 --> 00:35:23.635 time as the population is

NOTE Confidence: 0.96704566

00:35:23.635 --> 00:35:25.235 aging slightly just in terms

NOTE Confidence: 0.96704566

00:35:25.235 --> 00:35:26.215 of thinking about

NOTE Confidence: 0.8525914

00:35:27.020 --> 00:35:27.520 change?

NOTE Confidence: 0.9313585

00:35:28.140 --> 00:35:29.020 Yeah. So that's a good

NOTE Confidence: 0.9313585

00:35:29.020 --> 00:35:30.080 question. And,

NOTE Confidence: 0.98608524

00:35:31.099 --> 00:35:31.980 what I should have said

NOTE Confidence: 0.98608524

00:35:31.980 --> 00:35:33.119 is that this was  
NOTE Confidence: 0.9087979

00:35:33.980 --> 00:35:35.660 a a prescription fills per  
NOTE Confidence: 0.9087979

00:35:35.660 --> 00:35:36.160 capita.  
NOTE Confidence: 0.9404313

00:35:36.540 --> 00:35:37.900 Yeah. So we, yeah, we  
NOTE Confidence: 0.9404313

00:35:37.900 --> 00:35:38.219 added,  
NOTE Confidence: 0.8396607

00:35:39.900 --> 00:35:40.140 that,  
NOTE Confidence: 0.9009587

00:35:41.099 --> 00:35:41.599 denominator.  
NOTE Confidence: 0.9488953

00:35:43.134 --> 00:35:44.094 And I should've I should've  
NOTE Confidence: 0.9488953

00:35:44.094 --> 00:35:44.894 said that on the prior  
NOTE Confidence: 0.9488953

00:35:44.894 --> 00:35:45.394 slide.  
NOTE Confidence: 0.9279328

00:35:46.414 --> 00:35:47.614 Okay. So that's all. This  
NOTE Confidence: 0.9279328

00:35:47.614 --> 00:35:48.494 is all before the law,  
NOTE Confidence: 0.9279328

00:35:48.494 --> 00:35:49.535 and they are if I've  
NOTE Confidence: 0.9279328

00:35:49.694 --> 00:35:50.974 you know, my argument that  
NOTE Confidence: 0.9279328

00:35:50.974 --> 00:35:52.255 they're very similar, and then  
NOTE Confidence: 0.9279328

00:35:52.255 --> 00:35:53.214 this is after the law

NOTE Confidence: 0.9279328

00:35:53.214 --> 00:35:53.875 was implemented.

NOTE Confidence: 0.9388021

00:35:55.000 --> 00:35:56.280 And so I'll walk you

NOTE Confidence: 0.9388021

00:35:56.280 --> 00:35:57.560 through and then just quote,

NOTE Confidence: 0.9388021

00:35:57.560 --> 00:35:58.920 like what the picture suggests,

NOTE Confidence: 0.9388021

00:35:58.920 --> 00:35:59.720 and then we'll add some

NOTE Confidence: 0.9388021

00:35:59.720 --> 00:36:01.239 numbers to this. And one

NOTE Confidence: 0.9388021

00:36:01.239 --> 00:36:02.680 is here's the low cost

NOTE Confidence: 0.9388021

00:36:02.680 --> 00:36:04.280 medications. I would argue they

NOTE Confidence: 0.9388021

00:36:04.280 --> 00:36:05.800 are very similar. There's not

NOTE Confidence: 0.9388021

00:36:05.800 --> 00:36:06.620 really a change.

NOTE Confidence: 0.9267251

00:36:06.920 --> 00:36:08.540 Medium, there is some divergence,

NOTE Confidence: 0.9267251

00:36:08.760 --> 00:36:09.965 but it's hard to tell.

NOTE Confidence: 0.9267251

00:36:09.965 --> 00:36:11.425 The common denominators are wide.

NOTE Confidence: 0.9687756

00:36:11.725 --> 00:36:13.005 High, maybe a little bit

NOTE Confidence: 0.9687756

00:36:13.005 --> 00:36:14.285 more. And then very high,

NOTE Confidence: 0.9687756

00:36:14.285 --> 00:36:15.805 you see a clear divergence  
NOTE Confidence: 0.9687756

00:36:15.805 --> 00:36:17.805 where the very high cost  
NOTE Confidence: 0.9687756

00:36:17.805 --> 00:36:19.405 medication use is soaring in  
NOTE Confidence: 0.9687756

00:36:19.405 --> 00:36:21.344 the Medicare population where it's  
NOTE Confidence: 0.9687756

00:36:21.405 --> 00:36:22.685 maybe going down or the  
NOTE Confidence: 0.9687756

00:36:22.685 --> 00:36:23.745 same in commercial.  
NOTE Confidence: 0.99794334

00:36:25.100 --> 00:36:26.140 And so this is adding  
NOTE Confidence: 0.99794334

00:36:26.140 --> 00:36:27.020 some numbers to that.  
NOTE Confidence: 0.98643297

00:36:27.660 --> 00:36:28.780 What you see here is  
NOTE Confidence: 0.98643297

00:36:28.780 --> 00:36:29.980 the difference in difference in  
NOTE Confidence: 0.98643297

00:36:29.980 --> 00:36:31.580 the post intervention period. That's  
NOTE Confidence: 0.98643297

00:36:31.580 --> 00:36:33.420 the summary metric here. And  
NOTE Confidence: 0.98643297

00:36:33.420 --> 00:36:35.280 then the dots just represent  
NOTE Confidence: 0.98643297

00:36:35.420 --> 00:36:37.200 that over time. And so  
NOTE Confidence: 0.98643297

00:36:37.464 --> 00:36:39.085 overall, the low cost medications,  
NOTE Confidence: 0.99183583

00:36:39.625 --> 00:36:40.585 there was a one percent

NOTE Confidence: 0.99183583  
00:36:40.585 --> 00:36:41.944 point estimate, but it wasn't  
NOTE Confidence: 0.99183583  
00:36:41.944 --> 00:36:42.444 significant.  
NOTE Confidence: 0.98803324  
00:36:43.464 --> 00:36:43.964 Medium,  
NOTE Confidence: 0.974301  
00:36:45.065 --> 00:36:46.684 four percent, but not significant.  
NOTE Confidence: 0.9965735  
00:36:47.385 --> 00:36:47.885 High,  
NOTE Confidence: 0.98543185  
00:36:48.425 --> 00:36:49.964 six percent, but not significant.  
NOTE Confidence: 0.98543185  
00:36:50.025 --> 00:36:51.484 And then the very high,  
NOTE Confidence: 0.98543185  
00:36:51.545 --> 00:36:53.190 consistent with our last graph,  
NOTE Confidence: 0.98543185  
00:36:53.190 --> 00:36:54.550 you see a a sixteen  
NOTE Confidence: 0.98543185  
00:36:54.550 --> 00:36:55.930 percent difference in difference,  
NOTE Confidence: 0.9918314  
00:36:56.950 --> 00:36:58.810 which is is statistically significant.  
NOTE Confidence: 0.87687254  
00:37:01.510 --> 00:37:02.010 So,  
NOTE Confidence: 0.999522  
00:37:02.710 --> 00:37:03.770 that's a good question.  
NOTE Confidence: 0.9841077  
00:37:04.550 --> 00:37:05.589 You know, what we see  
NOTE Confidence: 0.9841077  
00:37:05.589 --> 00:37:06.469 is that, you know, use  
NOTE Confidence: 0.9841077

00:37:06.469 --> 00:37:07.690 is going up in both  
NOTE Confidence: 0.9841077

00:37:07.925 --> 00:37:09.125 groups. And so  
NOTE Confidence: 0.638961

00:37:09.605 --> 00:37:10.105 Exactly.  
NOTE Confidence: 0.64187574

00:37:10.885 --> 00:37:11.625 Start covering.  
NOTE Confidence: 0.97509545

00:37:12.405 --> 00:37:13.465 Right. So I  
NOTE Confidence: 0.9776199

00:37:14.565 --> 00:37:15.765 we we should definitely do  
NOTE Confidence: 0.9776199

00:37:15.765 --> 00:37:16.905 a, like, a sensitivity  
NOTE Confidence: 0.9967073

00:37:17.205 --> 00:37:17.705 there.  
NOTE Confidence: 0.98328227

00:37:19.205 --> 00:37:20.585 You know, it's weighted by  
NOTE Confidence: 0.9769398

00:37:21.230 --> 00:37:22.690 it's weighted by prescriptions.  
NOTE Confidence: 0.9974687

00:37:23.950 --> 00:37:24.690 And so  
NOTE Confidence: 0.66856116

00:37:26.589 --> 00:37:27.089 because,  
NOTE Confidence: 0.99898523

00:37:28.029 --> 00:37:28.529 Medicare  
NOTE Confidence: 0.9646244

00:37:28.910 --> 00:37:30.349 hadn't covered it for weight  
NOTE Confidence: 0.9646244

00:37:30.349 --> 00:37:31.630 loss, and so the very  
NOTE Confidence: 0.9646244

00:37:31.630 --> 00:37:33.549 expensive versions that we talked

NOTE Confidence: 0.9646244  
00:37:33.710 --> 00:37:34.690 That's true. Yeah.  
NOTE Confidence: 0.95029217  
00:37:35.275 --> 00:37:37.375 Probably not very much simple.  
NOTE Confidence: 0.95029217  
00:37:37.594 --> 00:37:38.094 Yeah.  
NOTE Confidence: 0.976655  
00:37:39.114 --> 00:37:40.235 Yeah. So I I should  
NOTE Confidence: 0.976655  
00:37:40.235 --> 00:37:41.535 go back and do that.  
NOTE Confidence: 0.9873132  
00:37:45.114 --> 00:37:46.235 Yeah. My my guess is  
NOTE Confidence: 0.9873132  
00:37:46.235 --> 00:37:47.675 that, you know, despite being  
NOTE Confidence: 0.9873132  
00:37:47.675 --> 00:37:49.535 very costly, they represent,  
NOTE Confidence: 0.98088604  
00:37:50.280 --> 00:37:51.400 like, less than one percent,  
NOTE Confidence: 0.98088604  
00:37:51.400 --> 00:37:52.520 I would guess, of total  
NOTE Confidence: 0.98088604  
00:37:52.520 --> 00:37:53.880 prescriptions. So my guess is  
NOTE Confidence: 0.98088604  
00:37:53.880 --> 00:37:54.760 that the numbers would be  
NOTE Confidence: 0.98088604  
00:37:54.760 --> 00:37:55.960 very similar, but maybe that  
NOTE Confidence: 0.98088604  
00:37:55.960 --> 00:37:56.920 would be, like, a separate  
NOTE Confidence: 0.98088604  
00:37:56.920 --> 00:37:58.040 analysis you could just do  
NOTE Confidence: 0.98088604

00:37:58.040 --> 00:37:59.340 and and show, like,  
NOTE Confidence: 0.97232836

00:37:59.719 --> 00:38:00.840 what percent of the cost  
NOTE Confidence: 0.97232836

00:38:00.840 --> 00:38:02.520 is being attributed to that.  
NOTE Confidence: 0.97232836

00:38:02.840 --> 00:38:03.960 But thank you for pointing  
NOTE Confidence: 0.97232836

00:38:03.960 --> 00:38:05.344 that. Okay. I should write  
NOTE Confidence: 0.97232836

00:38:05.425 --> 00:38:07.085 this down to  
NOTE Confidence: 0.92469704

00:38:07.805 --> 00:38:08.925 One more question. Just so  
NOTE Confidence: 0.92469704

00:38:08.925 --> 00:38:11.005 your summary estimates are all  
NOTE Confidence: 0.92469704

00:38:11.005 --> 00:38:12.765 five quarters averaged, but you're  
NOTE Confidence: 0.92469704

00:38:12.765 --> 00:38:13.744 clearly seeing  
NOTE Confidence: 0.9463629

00:38:14.045 --> 00:38:15.165 it's not like you're not  
NOTE Confidence: 0.9463629

00:38:15.165 --> 00:38:16.445 just reporting on your fifth  
NOTE Confidence: 0.9463629

00:38:16.445 --> 00:38:16.945 quarter.  
NOTE Confidence: 0.97941744

00:38:17.420 --> 00:38:17.920 Right?  
NOTE Confidence: 0.93724775

00:38:18.540 --> 00:38:20.060 Yeah. So I think that's  
NOTE Confidence: 0.93724775

00:38:20.060 --> 00:38:21.100 a really good point too

NOTE Confidence: 0.93724775  
00:38:21.100 --> 00:38:22.400 that, you know, clearly,  
NOTE Confidence: 0.994977  
00:38:22.700 --> 00:38:24.060 the trend is not stable  
NOTE Confidence: 0.994977  
00:38:24.060 --> 00:38:24.719 over time.  
NOTE Confidence: 0.972347  
00:38:25.739 --> 00:38:26.780 And, I mean, so one  
NOTE Confidence: 0.972347  
00:38:26.780 --> 00:38:27.580 way you could think about  
NOTE Confidence: 0.972347  
00:38:27.580 --> 00:38:28.219 it is you could look  
NOTE Confidence: 0.972347  
00:38:28.219 --> 00:38:29.260 at the most recent quarter  
NOTE Confidence: 0.972347  
00:38:29.260 --> 00:38:30.700 as the most illustrative. And  
NOTE Confidence: 0.972347  
00:38:30.700 --> 00:38:30.860 so,  
NOTE Confidence: 0.98709136  
00:38:31.895 --> 00:38:33.015 thank you for pointing that  
NOTE Confidence: 0.98709136  
00:38:33.015 --> 00:38:34.775 out. And so when you  
NOTE Confidence: 0.98709136  
00:38:34.775 --> 00:38:35.734 look at that, it's like,  
NOTE Confidence: 0.98709136  
00:38:35.734 --> 00:38:37.255 okay. Now it's the if  
NOTE Confidence: 0.98709136  
00:38:37.255 --> 00:38:38.214 you just go straight to  
NOTE Confidence: 0.98709136  
00:38:38.214 --> 00:38:39.175 the very high cost group,  
NOTE Confidence: 0.98709136

00:38:39.175 --> 00:38:40.214 it's a thirty five percent  
NOTE Confidence: 0.98709136

00:38:40.214 --> 00:38:41.734 increase, which is I think  
NOTE Confidence: 0.98709136

00:38:41.734 --> 00:38:43.094 that's, like, pretty significant, and  
NOTE Confidence: 0.98709136

00:38:43.094 --> 00:38:44.295 you see the clear dose  
NOTE Confidence: 0.98709136

00:38:44.295 --> 00:38:45.355 response too.  
NOTE Confidence: 0.9691482

00:38:46.530 --> 00:38:47.489 And this is based on  
NOTE Confidence: 0.9691482

00:38:47.489 --> 00:38:48.850 June twenty twenty five data,  
NOTE Confidence: 0.9691482

00:38:48.850 --> 00:38:49.810 and so we could update  
NOTE Confidence: 0.9691482

00:38:49.810 --> 00:38:51.010 this. And I wonder what  
NOTE Confidence: 0.9691482

00:38:51.090 --> 00:38:51.969 where that number would be.  
NOTE Confidence: 0.9691482

00:38:51.969 --> 00:38:53.090 Maybe it'd be, like, forty  
NOTE Confidence: 0.9691482

00:38:53.090 --> 00:38:54.930 percent, fifty percent. We don't  
NOTE Confidence: 0.9691482

00:38:54.930 --> 00:38:55.430 know.  
NOTE Confidence: 0.9595414

00:38:57.170 --> 00:38:57.650 And so  
NOTE Confidence: 0.8936309

00:38:58.290 --> 00:38:59.570 It would change. Not relative.  
NOTE Confidence: 0.8936309

00:38:59.570 --> 00:39:01.105 Right? That's a thirty five

NOTE Confidence: 0.8936309

00:39:01.105 --> 00:39:02.785 percentage point difference between the

NOTE Confidence: 0.8936309

00:39:02.785 --> 00:39:03.285 two.

NOTE Confidence: 0.97560155

00:39:03.745 --> 00:39:05.505 Right. An absolute thirty five

NOTE Confidence: 0.97560155

00:39:05.505 --> 00:39:07.105 percent. Yeah. Which I think

NOTE Confidence: 0.97560155

00:39:07.105 --> 00:39:08.165 is quite large.

NOTE Confidence: 0.83467954

00:39:10.305 --> 00:39:11.125 And so,

NOTE Confidence: 0.95363015

00:39:12.145 --> 00:39:13.265 we'll get into the implications

NOTE Confidence: 0.95363015

00:39:13.265 --> 00:39:13.905 of that, which I think

NOTE Confidence: 0.95363015

00:39:13.905 --> 00:39:15.505 are interesting. So this is,

NOTE Confidence: 0.95363015

00:39:15.505 --> 00:39:16.590 like, our false test. We

NOTE Confidence: 0.95363015

00:39:16.590 --> 00:39:17.630 wanted to see, was it

NOTE Confidence: 0.95363015

00:39:17.630 --> 00:39:19.150 really the law, or was

NOTE Confidence: 0.95363015

00:39:19.150 --> 00:39:20.350 it just twenty twenty three?

NOTE Confidence: 0.95363015

00:39:20.350 --> 00:39:21.470 And I think the takeaway

NOTE Confidence: 0.95363015

00:39:21.470 --> 00:39:23.150 is visually, you see not

NOTE Confidence: 0.95363015

00:39:23.150 --> 00:39:23.950 much is going on in  
NOTE Confidence: 0.95363015

00:39:23.950 --> 00:39:25.390 twenty twenty three. And when  
NOTE Confidence: 0.95363015

00:39:25.390 --> 00:39:26.690 you repeat all the analyses,  
NOTE Confidence: 0.92957455

00:39:27.150 --> 00:39:28.190 there's a lot of noise,  
NOTE Confidence: 0.92957455

00:39:28.190 --> 00:39:29.790 but the point estimates essentially  
NOTE Confidence: 0.92957455

00:39:29.790 --> 00:39:31.070 are are small or are  
NOTE Confidence: 0.92957455

00:39:31.070 --> 00:39:33.035 they, decrease over time.  
NOTE Confidence: 0.94414526

00:39:34.775 --> 00:39:35.815 And so I'll bring it  
NOTE Confidence: 0.94414526

00:39:35.815 --> 00:39:36.775 back to the patients we  
NOTE Confidence: 0.94414526

00:39:36.775 --> 00:39:37.895 saw at the very beginning.  
NOTE Confidence: 0.94414526

00:39:37.895 --> 00:39:39.734 Here are the medication, some  
NOTE Confidence: 0.94414526

00:39:39.734 --> 00:39:41.494 very common medications those patients  
NOTE Confidence: 0.94414526

00:39:41.494 --> 00:39:42.375 were taking as,  
NOTE Confidence: 0.97939444

00:39:43.335 --> 00:39:43.835 amlodipine  
NOTE Confidence: 0.92093873

00:39:44.214 --> 00:39:44.489 use.  
NOTE Confidence: 0.9191272

00:39:45.050 --> 00:39:46.170 We found, you can see

NOTE Confidence: 0.9191272  
00:39:46.170 --> 00:39:47.770 here's the individual level difference  
NOTE Confidence: 0.9191272  
00:39:47.770 --> 00:39:48.969 in difference. We saw a  
NOTE Confidence: 0.9191272  
00:39:48.969 --> 00:39:50.110 three percent increase.  
NOTE Confidence: 0.7625377  
00:39:50.810 --> 00:39:51.310 Apixaban,  
NOTE Confidence: 0.978267  
00:39:51.850 --> 00:39:52.910 about a five percent.  
NOTE Confidence: 0.95692027  
00:39:53.770 --> 00:39:55.610 I'll put aside Biktarvy for  
NOTE Confidence: 0.95692027  
00:39:55.610 --> 00:39:56.730 a moment and return to  
NOTE Confidence: 0.95692027  
00:39:56.730 --> 00:39:58.735 it. But Ibrutinib use went  
NOTE Confidence: 0.95692027  
00:39:58.735 --> 00:40:00.515 about eighteen percent. And so,  
NOTE Confidence: 0.97510415  
00:40:00.895 --> 00:40:02.335 that is the classic, you  
NOTE Confidence: 0.97510415  
00:40:02.335 --> 00:40:03.455 know, this is exactly what  
NOTE Confidence: 0.97510415  
00:40:03.455 --> 00:40:04.255 we thought when we had  
NOTE Confidence: 0.97510415  
00:40:04.255 --> 00:40:05.935 our two example patients, mister  
NOTE Confidence: 0.97510415  
00:40:05.935 --> 00:40:07.055 a and missus b.  
NOTE Confidence: 0.97115403  
00:40:07.375 --> 00:40:08.655 At a population level, you  
NOTE Confidence: 0.97115403

00:40:08.655 --> 00:40:09.935 see a huge increase in  
NOTE Confidence: 0.97115403

00:40:09.935 --> 00:40:10.975 Ibrutinib use,  
NOTE Confidence: 0.9696563

00:40:11.540 --> 00:40:12.980 largely because patients like missus  
NOTE Confidence: 0.9696563

00:40:12.980 --> 00:40:14.180 Bierp, they're probably hitting the  
NOTE Confidence: 0.9696563

00:40:14.180 --> 00:40:15.380 cap, and they're not having  
NOTE Confidence: 0.9696563

00:40:15.380 --> 00:40:16.839 to pay more for it.  
NOTE Confidence: 0.9660889

00:40:17.540 --> 00:40:18.339 And so what do we  
NOTE Confidence: 0.9660889

00:40:18.339 --> 00:40:19.780 make about the negative result  
NOTE Confidence: 0.9660889

00:40:19.780 --> 00:40:21.000 for the HIV medications?  
NOTE Confidence: 0.9548974

00:40:21.540 --> 00:40:22.680 You know, a little disappointing.  
NOTE Confidence: 0.9548974

00:40:22.739 --> 00:40:23.780 We want people to take  
NOTE Confidence: 0.9548974

00:40:23.780 --> 00:40:25.140 their Biktarvy. This is a  
NOTE Confidence: 0.9548974

00:40:25.140 --> 00:40:26.520 very high value medication.  
NOTE Confidence: 0.9542809

00:40:27.665 --> 00:40:29.025 And indeed, it's actually true  
NOTE Confidence: 0.9542809

00:40:29.025 --> 00:40:30.005 for all antiretroviral  
NOTE Confidence: 0.9691994

00:40:30.465 --> 00:40:31.585 medications. When you look at

NOTE Confidence: 0.9691994  
00:40:31.585 --> 00:40:32.785 the class effect, there is  
NOTE Confidence: 0.9691994  
00:40:32.785 --> 00:40:34.145 no increase. I mean, it's  
NOTE Confidence: 0.9691994  
00:40:34.145 --> 00:40:35.425 the only class of medications  
NOTE Confidence: 0.9691994  
00:40:35.425 --> 00:40:36.885 we don't observe an increase.  
NOTE Confidence: 0.94542533  
00:40:38.065 --> 00:40:39.905 Here's the raw data for  
NOTE Confidence: 0.94542533  
00:40:39.905 --> 00:40:41.765 for the, HIV medications,  
NOTE Confidence: 0.9956829  
00:40:44.950 --> 00:40:46.310 and my interpretation of this  
NOTE Confidence: 0.9956829  
00:40:46.310 --> 00:40:46.970 is that  
NOTE Confidence: 0.9811761  
00:40:47.670 --> 00:40:48.630 maybe in this you know,  
NOTE Confidence: 0.9811761  
00:40:48.630 --> 00:40:50.250 we have Ryan White programs.  
NOTE Confidence: 0.9811761  
00:40:50.310 --> 00:40:51.210 We have Medicaid.  
NOTE Confidence: 0.943275  
00:40:52.950 --> 00:40:53.990 This is a major buffer  
NOTE Confidence: 0.943275  
00:40:53.990 --> 00:40:56.005 here. Yeah. Yeah. I totally  
NOTE Confidence: 0.943275  
00:40:56.005 --> 00:40:57.045 agree. And so I want  
NOTE Confidence: 0.943275  
00:40:57.205 --> 00:40:57.925 this is almost like a  
NOTE Confidence: 0.943275

00:40:57.925 --> 00:40:59.445 negative control where it's like,  
NOTE Confidence: 0.943275

00:40:59.445 --> 00:41:00.725 okay. If I had been  
NOTE Confidence: 0.943275

00:41:00.725 --> 00:41:01.844 smart enough to, you know,  
NOTE Confidence: 0.943275

00:41:01.844 --> 00:41:03.525 prespecify this, maybe this would  
NOTE Confidence: 0.943275

00:41:03.525 --> 00:41:04.645 have been a nice negative  
NOTE Confidence: 0.943275

00:41:04.645 --> 00:41:05.364 control. But,  
NOTE Confidence: 0.9256784

00:41:06.405 --> 00:41:07.525 you know, post hoc, that's  
NOTE Confidence: 0.9256784

00:41:07.525 --> 00:41:09.385 how I interpret that data.  
NOTE Confidence: 0.9677113

00:41:10.320 --> 00:41:10.980 I I  
NOTE Confidence: 0.9103662

00:41:11.360 --> 00:41:12.880 there are multiple sources of  
NOTE Confidence: 0.9103662

00:41:12.880 --> 00:41:14.880 of support for HIV meds  
NOTE Confidence: 0.9103662

00:41:14.880 --> 00:41:16.239 that aren't included in the  
NOTE Confidence: 0.9103662

00:41:16.239 --> 00:41:18.100 data. So Yeah. Yeah.  
NOTE Confidence: 0.9845691

00:41:18.560 --> 00:41:19.060 So,  
NOTE Confidence: 0.98238486

00:41:19.920 --> 00:41:20.960 that's a really good point.  
NOTE Confidence: 0.98238486

00:41:20.960 --> 00:41:22.320 And so I think big

NOTE Confidence: 0.98238486  
00:41:22.320 --> 00:41:23.280 picture, you know, there are  
NOTE Confidence: 0.98238486  
00:41:23.280 --> 00:41:24.315 a lot of limitations to  
NOTE Confidence: 0.98238486  
00:41:24.315 --> 00:41:25.675 this population level analysis, and  
NOTE Confidence: 0.98238486  
00:41:25.675 --> 00:41:26.395 I would love to get  
NOTE Confidence: 0.98238486  
00:41:26.395 --> 00:41:27.135 your feedback.  
NOTE Confidence: 0.9657273  
00:41:27.515 --> 00:41:28.474 I'm hoping to follow this  
NOTE Confidence: 0.9657273  
00:41:28.474 --> 00:41:29.915 up with a patient level  
NOTE Confidence: 0.9657273  
00:41:29.915 --> 00:41:31.915 analysis for, my k award  
NOTE Confidence: 0.9657273  
00:41:31.915 --> 00:41:32.415 application.  
NOTE Confidence: 0.95971036  
00:41:33.594 --> 00:41:35.114 And, you know, there these  
NOTE Confidence: 0.95971036  
00:41:35.114 --> 00:41:36.474 two populations are very different.  
NOTE Confidence: 0.95971036  
00:41:36.474 --> 00:41:37.535 Medicare and commercial  
NOTE Confidence: 0.9390251  
00:41:38.239 --> 00:41:39.599 is is a very big  
NOTE Confidence: 0.9390251  
00:41:39.599 --> 00:41:40.099 limitation.  
NOTE Confidence: 0.97563344  
00:41:41.040 --> 00:41:41.920 My hope is that we  
NOTE Confidence: 0.97563344

00:41:41.920 --> 00:41:43.599 did drug level analyses. And  
NOTE Confidence: 0.97563344

00:41:43.599 --> 00:41:44.799 so you're just looking at  
NOTE Confidence: 0.97563344

00:41:44.799 --> 00:41:46.160 people taking napixaban, that that  
NOTE Confidence: 0.97563344

00:41:46.160 --> 00:41:47.440 is gonna be more similar  
NOTE Confidence: 0.97563344

00:41:47.440 --> 00:41:48.579 than the two populations  
NOTE Confidence: 0.9996999

00:41:48.960 --> 00:41:49.619 at large.  
NOTE Confidence: 0.904909

00:41:51.675 --> 00:41:53.195 So in conclusion, the inflation  
NOTE Confidence: 0.904909

00:41:53.195 --> 00:41:55.135 reduction act was associated with,  
NOTE Confidence: 0.9487047

00:41:55.595 --> 00:41:57.035 an increase in medication use,  
NOTE Confidence: 0.9487047

00:41:57.035 --> 00:41:58.715 particularly for high cost drugs.  
NOTE Confidence: 0.99562645

00:41:59.435 --> 00:42:01.295 This could represent improved access.  
NOTE Confidence: 0.99562645

00:42:01.355 --> 00:42:01.855 However,  
NOTE Confidence: 0.95172054

00:42:02.410 --> 00:42:03.610 not all patients are affected  
NOTE Confidence: 0.95172054

00:42:03.610 --> 00:42:05.050 equally, and we know that  
NOTE Confidence: 0.95172054

00:42:05.050 --> 00:42:06.670 insurers may respond again.  
NOTE Confidence: 0.96562004

00:42:07.210 --> 00:42:08.650 And this could represent both

NOTE Confidence: 0.96562004  
00:42:08.650 --> 00:42:09.770 high and low value use.  
NOTE Confidence: 0.96562004  
00:42:09.770 --> 00:42:10.810 And so in a follow-up  
NOTE Confidence: 0.96562004  
00:42:10.810 --> 00:42:11.310 analysis,  
NOTE Confidence: 0.9686274  
00:42:11.850 --> 00:42:12.730 we look at the in  
NOTE Confidence: 0.9686274  
00:42:12.730 --> 00:42:14.170 the oncology space, and we  
NOTE Confidence: 0.9686274  
00:42:14.170 --> 00:42:15.290 see that low value care  
NOTE Confidence: 0.9686274  
00:42:15.290 --> 00:42:16.670 actually increases more.  
NOTE Confidence: 0.98518515  
00:42:17.234 --> 00:42:19.255 Medications that don't prolong life,  
NOTE Confidence: 0.98518515  
00:42:19.394 --> 00:42:20.594 that don't improve quality of  
NOTE Confidence: 0.98518515  
00:42:20.594 --> 00:42:21.494 life increase,  
NOTE Confidence: 0.93543106  
00:42:22.194 --> 00:42:24.035 about threefold, whereas the other  
NOTE Confidence: 0.93543106  
00:42:24.035 --> 00:42:24.535 medications,  
NOTE Confidence: 0.98043776  
00:42:25.394 --> 00:42:26.835 twenty percent ish. So,  
NOTE Confidence: 0.9847474  
00:42:27.714 --> 00:42:28.994 I think that is potentially  
NOTE Confidence: 0.9847474  
00:42:28.994 --> 00:42:30.275 concerning. You know, we want  
NOTE Confidence: 0.9847474

00:42:30.275 --> 00:42:31.239 patients be taking the best  
NOTE Confidence: 0.9847474

00:42:31.239 --> 00:42:33.000 medications, and, ultimately, everyone is  
NOTE Confidence: 0.9847474

00:42:33.000 --> 00:42:34.300 paying for that. And so  
NOTE Confidence: 0.9847474

00:42:34.360 --> 00:42:35.160 I think that could be  
NOTE Confidence: 0.9847474

00:42:35.160 --> 00:42:37.000 an unintended consequence where low  
NOTE Confidence: 0.9847474

00:42:37.000 --> 00:42:38.140 value care increases  
NOTE Confidence: 0.9954887

00:42:38.440 --> 00:42:40.300 after this cap, and then  
NOTE Confidence: 0.9954887

00:42:40.440 --> 00:42:42.140 that those costs are shifted  
NOTE Confidence: 0.9954887

00:42:42.200 --> 00:42:42.700 around.  
NOTE Confidence: 0.92483383

00:42:43.320 --> 00:42:44.145 So So I think there  
NOTE Confidence: 0.92483383

00:42:44.145 --> 00:42:45.344 definitely are there's a need  
NOTE Confidence: 0.92483383

00:42:45.344 --> 00:42:46.805 for additional studies, and,  
NOTE Confidence: 0.980905

00:42:48.065 --> 00:42:49.265 I think a clear implication  
NOTE Confidence: 0.980905

00:42:49.265 --> 00:42:50.225 of this data is that  
NOTE Confidence: 0.980905

00:42:50.225 --> 00:42:51.265 there's a need for,  
NOTE Confidence: 0.9906232

00:42:51.665 --> 00:42:53.125 expanded price negotiation.

NOTE Confidence: 0.936367

00:42:54.625 --> 00:42:55.425 Yeah. I have a a

NOTE Confidence: 0.936367

00:42:55.425 --> 00:42:56.465 question. I mean, so, obviously,

NOTE Confidence: 0.936367

00:42:56.465 --> 00:42:57.665 you have an interesting background.

NOTE Confidence: 0.936367

00:42:57.665 --> 00:42:58.465 Were you, like, been on

NOTE Confidence: 0.936367

00:42:58.465 --> 00:42:59.185 the Hill or sort of

NOTE Confidence: 0.936367

00:42:59.185 --> 00:43:00.520 around around the Hill before.

NOTE Confidence: 0.936367

00:43:00.760 --> 00:43:01.960 What's your sense of, like,

NOTE Confidence: 0.936367

00:43:01.960 --> 00:43:03.480 when the IRA was written

NOTE Confidence: 0.936367

00:43:03.480 --> 00:43:04.359 that this was like, there

NOTE Confidence: 0.936367

00:43:04.359 --> 00:43:05.480 was modeling done ahead of

NOTE Confidence: 0.936367

00:43:05.480 --> 00:43:06.719 time or they anticipated some

NOTE Confidence: 0.936367

00:43:06.719 --> 00:43:08.039 of these changes might happen?

NOTE Confidence: 0.936367

00:43:08.039 --> 00:43:08.760 Like, how much is this

NOTE Confidence: 0.936367

00:43:08.760 --> 00:43:09.480 like, oh, man. We didn't

NOTE Confidence: 0.936367

00:43:09.480 --> 00:43:10.359 know what was gonna happen,

NOTE Confidence: 0.936367

00:43:10.359 --> 00:43:11.480 or there's actually kinda what  
NOTE Confidence: 0.936367

00:43:11.480 --> 00:43:12.839 we expected was gonna happen  
NOTE Confidence: 0.936367

00:43:12.839 --> 00:43:13.640 when we implemented,  
NOTE Confidence: 0.9615615

00:43:14.585 --> 00:43:15.724 these policy changes.  
NOTE Confidence: 0.9613354

00:43:16.105 --> 00:43:17.545 Yeah. It's, so the question  
NOTE Confidence: 0.9613354

00:43:17.545 --> 00:43:18.424 was, yeah, how much of  
NOTE Confidence: 0.9613354

00:43:18.424 --> 00:43:19.785 this is was planned and,  
NOTE Confidence: 0.9613354

00:43:19.785 --> 00:43:20.825 you know, you know, could  
NOTE Confidence: 0.9613354

00:43:20.825 --> 00:43:21.864 could we have prevented this,  
NOTE Confidence: 0.9295136

00:43:22.505 --> 00:43:23.305 if I summed that up  
NOTE Confidence: 0.9295136

00:43:23.305 --> 00:43:24.184 right? And I I think  
NOTE Confidence: 0.9295136

00:43:24.184 --> 00:43:25.145 it's a really good point.  
NOTE Confidence: 0.9295136

00:43:25.145 --> 00:43:25.785 You know, some of it  
NOTE Confidence: 0.9295136

00:43:25.785 --> 00:43:26.844 seems kinda predictable.  
NOTE Confidence: 0.98211384

00:43:27.944 --> 00:43:28.344 You know,  
NOTE Confidence: 0.96048015

00:43:29.145 --> 00:43:30.500 the so the law lawmakers

NOTE Confidence: 0.96048015

00:43:30.560 --> 00:43:31.920 did plan for the premium

NOTE Confidence: 0.96048015

00:43:31.920 --> 00:43:33.280 spikes so that there are

NOTE Confidence: 0.96048015

00:43:33.280 --> 00:43:34.739 subsidies to address that,

NOTE Confidence: 0.9596125

00:43:35.680 --> 00:43:37.120 probably because premiums are very

NOTE Confidence: 0.9596125

00:43:37.120 --> 00:43:38.800 politically salient. You know, peep

NOTE Confidence: 0.9596125

00:43:38.880 --> 00:43:41.300 patients experience them every month.

NOTE Confidence: 0.9725238

00:43:42.894 --> 00:43:44.194 The, you know, the CBO,

NOTE Confidence: 0.9153097

00:43:44.575 --> 00:43:46.335 the Congressional Budget Office found

NOTE Confidence: 0.9153097

00:43:46.335 --> 00:43:47.214 that the law would save

NOTE Confidence: 0.9153097

00:43:47.214 --> 00:43:49.535 money, actually, in total, driven

NOTE Confidence: 0.9153097

00:43:49.535 --> 00:43:51.555 by the negotiated prices.

NOTE Confidence: 0.96565586

00:43:52.414 --> 00:43:53.694 I don't think they thought

NOTE Confidence: 0.96565586

00:43:53.694 --> 00:43:54.734 that the use would go

NOTE Confidence: 0.96565586

00:43:54.734 --> 00:43:55.535 up this much, and so

NOTE Confidence: 0.96565586

00:43:55.535 --> 00:43:56.575 I think it's important to

NOTE Confidence: 0.96565586

00:43:56.575 --> 00:43:57.635 update that. And,  
NOTE Confidence: 0.9711116

00:43:58.440 --> 00:43:59.160 they just put out a  
NOTE Confidence: 0.9711116

00:43:59.160 --> 00:44:00.119 call for data, and we're  
NOTE Confidence: 0.9711116

00:44:00.119 --> 00:44:01.000 we're gonna meet with the  
NOTE Confidence: 0.9711116

00:44:01.000 --> 00:44:02.520 CBO to kinda see, like,  
NOTE Confidence: 0.9711116

00:44:02.520 --> 00:44:03.960 compare our models and see  
NOTE Confidence: 0.9711116

00:44:03.960 --> 00:44:05.560 what if anything, like, if  
NOTE Confidence: 0.9711116

00:44:05.560 --> 00:44:07.180 there were any differences there.  
NOTE Confidence: 0.9355458

00:44:08.920 --> 00:44:10.215 And so that is sort  
NOTE Confidence: 0.9355458

00:44:10.215 --> 00:44:11.015 of what I I think.  
NOTE Confidence: 0.9355458

00:44:11.015 --> 00:44:12.055 I think that people thought  
NOTE Confidence: 0.9355458

00:44:12.055 --> 00:44:12.855 the premiums would go up,  
NOTE Confidence: 0.9355458

00:44:12.855 --> 00:44:13.735 and they tried to address  
NOTE Confidence: 0.9355458

00:44:13.735 --> 00:44:14.695 it, but it's, like, kinda  
NOTE Confidence: 0.9355458

00:44:14.695 --> 00:44:16.395 whack a mole situation, unfortunately.  
NOTE Confidence: 0.9928794

00:44:18.375 --> 00:44:19.575 Do you have any thoughts

NOTE Confidence: 0.9928794  
00:44:19.575 --> 00:44:20.775 about future work in the  
NOTE Confidence: 0.9928794  
00:44:20.775 --> 00:44:21.815 sense of, like, given these  
NOTE Confidence: 0.9928794  
00:44:21.815 --> 00:44:22.315 results,  
NOTE Confidence: 0.9468525  
00:44:22.850 --> 00:44:25.090 thinking about either inappropriate versus  
NOTE Confidence: 0.9468525  
00:44:25.090 --> 00:44:27.190 appropriate medication prescribing and or  
NOTE Confidence: 0.9468525  
00:44:27.410 --> 00:44:27.910 are,  
NOTE Confidence: 0.9284108  
00:44:28.930 --> 00:44:30.790 prescribers, clinicians substituting  
NOTE Confidence: 0.9835793  
00:44:31.170 --> 00:44:32.450 higher cost meds now that  
NOTE Confidence: 0.9835793  
00:44:32.450 --> 00:44:34.050 they know their patients can  
NOTE Confidence: 0.9835793  
00:44:34.050 --> 00:44:35.090 afford them? And so they're  
NOTE Confidence: 0.9835793  
00:44:35.090 --> 00:44:35.830 less likely  
NOTE Confidence: 0.99782777  
00:44:36.130 --> 00:44:36.790 to prescribe  
NOTE Confidence: 0.93466187  
00:44:37.485 --> 00:44:39.245 therapeutic alternatives as in generics  
NOTE Confidence: 0.93466187  
00:44:39.245 --> 00:44:40.285 or whatever and and just  
NOTE Confidence: 0.93466187  
00:44:40.285 --> 00:44:41.245 like, oh, now you can  
NOTE Confidence: 0.93466187

00:44:41.245 --> 00:44:42.405 have the Cadillac. Everyone gets

NOTE Confidence: 0.93466187

00:44:42.405 --> 00:44:43.025 a Cadillac.

NOTE Confidence: 0.99715734

00:44:43.565 --> 00:44:45.485 Yeah. Yeah. And so I

NOTE Confidence: 0.99715734

00:44:45.485 --> 00:44:46.765 think that's really a good

NOTE Confidence: 0.99715734

00:44:46.765 --> 00:44:47.245 question.

NOTE Confidence: 0.96420074

00:44:47.565 --> 00:44:48.765 I mean, a couple things.

NOTE Confidence: 0.96420074

00:44:48.765 --> 00:44:50.670 Like, one is, like, there's

NOTE Confidence: 0.96420074

00:44:50.670 --> 00:44:52.450 there's now a clear incentive

NOTE Confidence: 0.96420074

00:44:52.510 --> 00:44:53.469 if you are if you

NOTE Confidence: 0.96420074

00:44:53.469 --> 00:44:54.829 have cancer and you're taking

NOTE Confidence: 0.96420074

00:44:54.829 --> 00:44:56.109 an infusion and there is

NOTE Confidence: 0.96420074

00:44:56.109 --> 00:44:57.170 an oral medication.

NOTE Confidence: 0.9511154

00:44:57.710 --> 00:44:59.150 So infusions are not subject

NOTE Confidence: 0.9511154

00:44:59.150 --> 00:45:00.349 to this cap, the part

NOTE Confidence: 0.9511154

00:45:00.510 --> 00:45:02.130 their part b. So

NOTE Confidence: 0.94830483

00:45:02.705 --> 00:45:04.065 I that's, like, something that

NOTE Confidence: 0.94830483

00:45:04.065 --> 00:45:04.984 you could look at if

NOTE Confidence: 0.94830483

00:45:05.185 --> 00:45:06.465 is there a substitution between

NOTE Confidence: 0.94830483

00:45:06.465 --> 00:45:08.225 infusions and to to part

NOTE Confidence: 0.94830483

00:45:08.225 --> 00:45:09.905 d? Like, there's one. And

NOTE Confidence: 0.94830483

00:45:09.905 --> 00:45:11.025 then as you pointed out

NOTE Confidence: 0.94830483

00:45:11.025 --> 00:45:11.844 within class,

NOTE Confidence: 0.96707493

00:45:12.625 --> 00:45:13.665 I didn't put put it

NOTE Confidence: 0.96707493

00:45:13.665 --> 00:45:14.485 on on

NOTE Confidence: 0.9697519

00:45:14.810 --> 00:45:15.850 in my slides, but I

NOTE Confidence: 0.9697519

00:45:15.850 --> 00:45:16.969 I I believe, like, brand

NOTE Confidence: 0.9697519

00:45:16.969 --> 00:45:18.730 name proton pump inhibitor use,

NOTE Confidence: 0.9697519

00:45:18.730 --> 00:45:20.090 I saw, like, goes way

NOTE Confidence: 0.9697519

00:45:20.090 --> 00:45:21.609 up, which is obviously low

NOTE Confidence: 0.9697519

00:45:21.609 --> 00:45:22.969 value when you have generic

NOTE Confidence: 0.9697519

00:45:22.969 --> 00:45:24.830 alternatives that are clinically interchangeable.

NOTE Confidence: 0.9697519

00:45:24.969 --> 00:45:26.410 So there's probably a lot  
NOTE Confidence: 0.9697519

00:45:26.410 --> 00:45:27.630 you could do there.  
NOTE Confidence: 0.917225

00:45:28.614 --> 00:45:29.915 You know, other examples,  
NOTE Confidence: 0.9410225

00:45:30.295 --> 00:45:31.435 I think in our dataset,  
NOTE Confidence: 0.9835205

00:45:31.895 --> 00:45:33.575 you know, antipsychotic use goes  
NOTE Confidence: 0.9835205

00:45:33.575 --> 00:45:35.035 up for long acting injectables,  
NOTE Confidence: 0.9835205

00:45:35.094 --> 00:45:36.295 which are very expensive. And  
NOTE Confidence: 0.9835205

00:45:36.295 --> 00:45:37.735 so I think that's an  
NOTE Confidence: 0.9835205

00:45:37.735 --> 00:45:39.175 open question of whether that  
NOTE Confidence: 0.9835205

00:45:39.175 --> 00:45:39.975 is a good or bad  
NOTE Confidence: 0.9835205

00:45:39.975 --> 00:45:40.855 thing. It could be good  
NOTE Confidence: 0.9835205

00:45:40.855 --> 00:45:42.055 if you're switching from the  
NOTE Confidence: 0.9835205

00:45:42.055 --> 00:45:43.655 orals to the LAIs, and,  
NOTE Confidence: 0.9835205

00:45:43.655 --> 00:45:45.089 like, that seems great. Like,  
NOTE Confidence: 0.9835205

00:45:45.089 --> 00:45:46.529 now patients who cannot afford  
NOTE Confidence: 0.9835205

00:45:46.529 --> 00:45:48.289 that are are getting that.

NOTE Confidence: 0.9835205  
00:45:48.450 --> 00:45:49.170 It could be bad if  
NOTE Confidence: 0.9835205  
00:45:49.170 --> 00:45:50.609 it just enables people to  
NOTE Confidence: 0.9835205  
00:45:50.609 --> 00:45:51.510 get antipsychotics  
NOTE Confidence: 0.9721068  
00:45:52.049 --> 00:45:53.250 that are, of course, associated  
NOTE Confidence: 0.9721068  
00:45:53.250 --> 00:45:54.450 with mortality. And so I  
NOTE Confidence: 0.9721068  
00:45:54.529 --> 00:45:55.410 there's, like, a lot you  
NOTE Confidence: 0.9721068  
00:45:55.410 --> 00:45:56.710 could you could do  
NOTE Confidence: 0.8594381  
00:45:57.435 --> 00:45:57.935 there,  
NOTE Confidence: 0.9580837  
00:45:58.315 --> 00:45:59.114 and I'd love to get  
NOTE Confidence: 0.9580837  
00:45:59.114 --> 00:46:00.795 your feedback on, like, you  
NOTE Confidence: 0.9580837  
00:46:00.795 --> 00:46:01.835 know, are any of these  
NOTE Confidence: 0.9580837  
00:46:01.835 --> 00:46:03.114 interesting or what I should  
NOTE Confidence: 0.9580837  
00:46:03.114 --> 00:46:03.775 do next.  
NOTE Confidence: 0.94215137  
00:46:04.315 --> 00:46:05.435 So build building off of  
NOTE Confidence: 0.94215137  
00:46:05.435 --> 00:46:06.635 that of Joe's question and  
NOTE Confidence: 0.94215137

00:46:06.635 --> 00:46:08.255 and your answer, so concomitant

NOTE Confidence: 0.96191674

00:46:08.635 --> 00:46:10.075 with this sort of timeline

NOTE Confidence: 0.96191674

00:46:10.075 --> 00:46:11.535 in the last few years,

NOTE Confidence: 0.9936945

00:46:11.989 --> 00:46:13.510 These real time prescription benefits

NOTE Confidence: 0.9936945

00:46:13.510 --> 00:46:14.950 are now being integrated into

NOTE Confidence: 0.9936945

00:46:14.950 --> 00:46:16.069 EHRs and are about to

NOTE Confidence: 0.9936945

00:46:16.069 --> 00:46:17.770 be mandated to be,

NOTE Confidence: 0.96649694

00:46:18.789 --> 00:46:20.650 included. And and I wonder

NOTE Confidence: 0.9211297

00:46:20.950 --> 00:46:22.250 how you build in that,

NOTE Confidence: 0.9025236

00:46:22.789 --> 00:46:23.989 the impact of those on

NOTE Confidence: 0.9025236

00:46:23.989 --> 00:46:25.670 prescribing, especially when it comes

NOTE Confidence: 0.9025236

00:46:25.670 --> 00:46:26.890 to within class alternate

NOTE Confidence: 0.95571655

00:46:27.494 --> 00:46:28.454 alternatives. Because that's what they're

NOTE Confidence: 0.95571655

00:46:28.454 --> 00:46:29.335 meant to do. Right? They're

NOTE Confidence: 0.95571655

00:46:29.335 --> 00:46:31.434 meant to trigger clinicians

NOTE Confidence: 0.9623815

00:46:31.894 --> 00:46:33.594 to choose lower cost options,

NOTE Confidence: 0.98687696  
00:46:34.535 --> 00:46:36.555 or lower cost pharmacies. But,  
NOTE Confidence: 0.9826639  
00:46:37.894 --> 00:46:38.855 anyway, I I think it's  
NOTE Confidence: 0.9826639  
00:46:38.855 --> 00:46:40.614 important to Yeah. Incorporate that  
NOTE Confidence: 0.9826639  
00:46:40.614 --> 00:46:41.575 or think about that as  
NOTE Confidence: 0.9826639  
00:46:41.575 --> 00:46:42.930 we I think that'd be  
NOTE Confidence: 0.9826639  
00:46:42.930 --> 00:46:44.070 a really interesting study,  
NOTE Confidence: 0.9992219  
00:46:44.690 --> 00:46:45.190 and  
NOTE Confidence: 0.9573418  
00:46:46.450 --> 00:46:47.330 I guess you would need  
NOTE Confidence: 0.9573418  
00:46:47.330 --> 00:46:48.790 EHR data to do it.  
NOTE Confidence: 0.8986863  
00:46:50.050 --> 00:46:50.550 And,  
NOTE Confidence: 0.93492955  
00:46:52.930 --> 00:46:53.810 I mean, I think on  
NOTE Confidence: 0.93492955  
00:46:53.810 --> 00:46:55.330 a population level, it's it's  
NOTE Confidence: 0.93492955  
00:46:55.330 --> 00:46:56.770 worth asking, like, should some  
NOTE Confidence: 0.93492955  
00:46:56.770 --> 00:46:58.425 medications not be subject to  
NOTE Confidence: 0.93492955  
00:46:58.425 --> 00:46:59.545 the cap if they're like  
NOTE Confidence: 0.93492955

00:46:59.625 --> 00:47:00.665 like, maybe, like, brand name  
NOTE Confidence: 0.93492955

00:47:00.665 --> 00:47:02.344 proton pump inhibitors, we don't  
NOTE Confidence: 0.93492955

00:47:02.344 --> 00:47:03.465 cap costs for that. And  
NOTE Confidence: 0.93492955

00:47:03.465 --> 00:47:03.965 then,  
NOTE Confidence: 0.94884545

00:47:04.265 --> 00:47:05.225 you know, maybe it leads  
NOTE Confidence: 0.94884545

00:47:05.225 --> 00:47:06.585 to a week delay when  
NOTE Confidence: 0.94884545

00:47:06.585 --> 00:47:08.185 you, you know, maybe you  
NOTE Confidence: 0.94884545

00:47:08.185 --> 00:47:09.385 you it's frustrating as a  
NOTE Confidence: 0.94884545

00:47:09.385 --> 00:47:10.425 clinician and as a patient.  
NOTE Confidence: 0.94884545

00:47:10.425 --> 00:47:11.385 You don't get your proton  
NOTE Confidence: 0.94884545

00:47:11.385 --> 00:47:12.585 pump inhibitor for a week  
NOTE Confidence: 0.94884545

00:47:12.585 --> 00:47:14.070 because you clicked the you  
NOTE Confidence: 0.94884545

00:47:14.070 --> 00:47:14.950 know, you clicked it and,  
NOTE Confidence: 0.94884545

00:47:14.950 --> 00:47:15.989 oh, it's not covered and  
NOTE Confidence: 0.94884545

00:47:15.989 --> 00:47:16.790 you have to go through  
NOTE Confidence: 0.94884545

00:47:16.790 --> 00:47:19.270 that. But ultimately, relatively low

NOTE Confidence: 0.94884545  
00:47:19.270 --> 00:47:20.890 stakes for most patients, and  
NOTE Confidence: 0.94884545  
00:47:21.030 --> 00:47:22.150 it is sort of something  
NOTE Confidence: 0.94884545  
00:47:22.150 --> 00:47:23.510 that is clearly not indicated.  
NOTE Confidence: 0.94884545  
00:47:23.510 --> 00:47:24.550 So stuff like that, I  
NOTE Confidence: 0.94884545  
00:47:24.550 --> 00:47:26.090 think, could be reasonable.  
NOTE Confidence: 0.9751499  
00:47:26.630 --> 00:47:28.395 But, you know, it's it's  
NOTE Confidence: 0.9751499  
00:47:28.395 --> 00:47:29.215 tough to  
NOTE Confidence: 0.98139966  
00:47:29.515 --> 00:47:31.055 change laws and to implement  
NOTE Confidence: 0.98139966  
00:47:31.114 --> 00:47:32.415 with that amount of nuance.  
NOTE Confidence: 0.9733272  
00:47:33.355 --> 00:47:34.235 So I don't know. I  
NOTE Confidence: 0.9733272  
00:47:34.235 --> 00:47:34.955 I think that's a really  
NOTE Confidence: 0.9733272  
00:47:34.955 --> 00:47:36.075 good question. I think those  
NOTE Confidence: 0.9733272  
00:47:36.075 --> 00:47:37.195 tools are probably gonna be  
NOTE Confidence: 0.9733272  
00:47:37.195 --> 00:47:37.855 very helpful.  
NOTE Confidence: 0.94144005  
00:47:38.715 --> 00:47:39.515 I mean, I think in  
NOTE Confidence: 0.94144005

00:47:39.515 --> 00:47:41.275 a related point is to  
NOTE Confidence: 0.94144005

00:47:41.275 --> 00:47:42.975 what extent have these changes  
NOTE Confidence: 0.9427358

00:47:43.950 --> 00:47:45.570 exacerbated the problem of polypharmacy?  
NOTE Confidence: 0.96649325

00:47:46.989 --> 00:47:47.430 Yeah.  
NOTE Confidence: 0.8023932

00:47:47.869 --> 00:47:49.250 Low value use anyway.  
NOTE Confidence: 0.9678638

00:47:50.590 --> 00:47:51.550 It's sort of a double  
NOTE Confidence: 0.9678638

00:47:51.550 --> 00:47:53.469 whammy. Yes. Yeah. Totally. So  
NOTE Confidence: 0.9678638

00:47:53.469 --> 00:47:54.510 you could look at potentially  
NOTE Confidence: 0.9678638

00:47:54.510 --> 00:47:56.290 inappropriate medication use and  
NOTE Confidence: 0.99229807

00:47:57.390 --> 00:47:57.890 yeah.  
NOTE Confidence: 0.9103968

00:47:59.635 --> 00:48:00.515 This is really interesting. I  
NOTE Confidence: 0.9103968

00:48:00.515 --> 00:48:01.795 was curious, though, in in  
NOTE Confidence: 0.9103968

00:48:01.795 --> 00:48:02.515 looking at, like, some of  
NOTE Confidence: 0.9103968

00:48:02.515 --> 00:48:03.635 these plans and especially the  
NOTE Confidence: 0.9103968

00:48:03.635 --> 00:48:05.075 commercial plans, maybe more so  
NOTE Confidence: 0.9103968

00:48:05.075 --> 00:48:06.275 than Medicare or even met

NOTE Confidence: 0.9103968

00:48:06.355 --> 00:48:08.055 MA, like, looking at utilization

NOTE Confidence: 0.9103968

00:48:08.194 --> 00:48:09.875 managements or techniques that they've

NOTE Confidence: 0.9103968

00:48:09.875 --> 00:48:11.315 been employing to actually dissuade

NOTE Confidence: 0.9103968

00:48:11.315 --> 00:48:12.275 you low value care. Because

NOTE Confidence: 0.9103968

00:48:12.275 --> 00:48:13.950 you'd imagine where the brand

NOTE Confidence: 0.9103968

00:48:13.950 --> 00:48:15.570 name, like, program pump inhibitors,

NOTE Confidence: 0.9103968

00:48:15.869 --> 00:48:16.590 they would just say, we're

NOTE Confidence: 0.9103968

00:48:16.590 --> 00:48:17.469 just gonna move it to,

NOTE Confidence: 0.9103968

00:48:17.469 --> 00:48:18.989 like, a different tier, right,

NOTE Confidence: 0.9103968

00:48:18.989 --> 00:48:20.030 and, like, put in fire

NOTE Confidence: 0.9103968

00:48:20.030 --> 00:48:21.150 off and put in these

NOTE Confidence: 0.9103968

00:48:21.150 --> 00:48:22.050 sorts of barriers.

NOTE Confidence: 0.9610216

00:48:22.510 --> 00:48:23.390 So are you seeing in

NOTE Confidence: 0.9610216

00:48:23.390 --> 00:48:24.530 response to this

NOTE Confidence: 0.95144415

00:48:25.230 --> 00:48:27.405 changes from how formulas are

NOTE Confidence: 0.95144415

00:48:27.405 --> 00:48:28.065 being structured  
NOTE Confidence: 0.99850434  
00:48:28.525 --> 00:48:29.425 as a result  
NOTE Confidence: 0.9797752  
00:48:29.725 --> 00:48:30.765 of, like, the caps and  
NOTE Confidence: 0.9797752  
00:48:30.765 --> 00:48:31.265 whatnot?  
NOTE Confidence: 0.99813604  
00:48:32.364 --> 00:48:32.765 Yeah.  
NOTE Confidence: 0.99695563  
00:48:33.405 --> 00:48:34.945 We didn't assess that.  
NOTE Confidence: 0.9691534  
00:48:35.805 --> 00:48:37.485 Other colleagues have looked at,  
NOTE Confidence: 0.98753524  
00:48:38.125 --> 00:48:39.805 changes in prior auth for  
NOTE Confidence: 0.98753524  
00:48:39.805 --> 00:48:41.950 medications and have, for whatever  
NOTE Confidence: 0.98753524  
00:48:41.950 --> 00:48:43.630 reason, they didn't really change.  
NOTE Confidence: 0.98753524  
00:48:43.630 --> 00:48:44.350 So I don't I was  
NOTE Confidence: 0.98753524  
00:48:44.350 --> 00:48:45.469 actually surprised by that.  
NOTE Confidence: 0.9088469  
00:48:46.030 --> 00:48:47.890 The cohort of medications that,  
NOTE Confidence: 0.9088469  
00:48:48.190 --> 00:48:48.989 this is work by, like,  
NOTE Confidence: 0.9088469  
00:48:48.989 --> 00:48:49.810 Stacy Dusetzina  
NOTE Confidence: 0.9221215  
00:48:50.270 --> 00:48:51.170 that she's led,

NOTE Confidence: 0.9183412  
00:48:52.350 --> 00:48:53.550 were, like, top selling brand  
NOTE Confidence: 0.9183412  
00:48:53.550 --> 00:48:54.670 name medications. So,  
NOTE Confidence: 0.97238934  
00:48:56.375 --> 00:48:57.734 maybe prior auth change for  
NOTE Confidence: 0.97238934  
00:48:57.734 --> 00:48:58.855 other medications, but,  
NOTE Confidence: 0.9952645  
00:48:59.494 --> 00:49:00.535 we didn't see that. And  
NOTE Confidence: 0.9952645  
00:49:00.535 --> 00:49:02.454 then, the formulary tier point  
NOTE Confidence: 0.9952645  
00:49:02.454 --> 00:49:03.335 you make is is good  
NOTE Confidence: 0.9952645  
00:49:03.415 --> 00:49:04.395 is a good one.  
NOTE Confidence: 0.9354832  
00:49:05.015 --> 00:49:05.494 We,  
NOTE Confidence: 0.9936536  
00:49:05.815 --> 00:49:06.775 let me see if I  
NOTE Confidence: 0.9936536  
00:49:06.775 --> 00:49:07.515 have this.  
NOTE Confidence: 0.913253  
00:49:08.855 --> 00:49:09.835 We looked at  
NOTE Confidence: 0.9511709  
00:49:11.319 --> 00:49:11.819 different,  
NOTE Confidence: 0.9559707  
00:49:17.000 --> 00:49:18.599 these are different tiers for  
NOTE Confidence: 0.9559707  
00:49:18.599 --> 00:49:20.039 different medications and,  
NOTE Confidence: 0.9514855

00:49:21.480 --> 00:49:22.140 oh, sorry.  
NOTE Confidence: 0.93372804  
00:49:22.440 --> 00:49:23.325 This is the next slide.  
NOTE Confidence: 0.93372804  
00:49:23.325 --> 00:49:24.204 Slide. So this is on  
NOTE Confidence: 0.93372804  
00:49:24.204 --> 00:49:25.405 the x axis. You have  
NOTE Confidence: 0.93372804  
00:49:25.405 --> 00:49:26.364 year, and then the y  
NOTE Confidence: 0.93372804  
00:49:26.364 --> 00:49:27.964 axis, the the tier.  
NOTE Confidence: 0.97560906  
00:49:28.285 --> 00:49:29.724 And none of these medications  
NOTE Confidence: 0.97560906  
00:49:29.724 --> 00:49:31.244 really changed their tier before  
NOTE Confidence: 0.97560906  
00:49:31.244 --> 00:49:32.464 and after the law. So,  
NOTE Confidence: 0.924528  
00:49:32.925 --> 00:49:33.724 you can see the lot  
NOTE Confidence: 0.924528  
00:49:33.805 --> 00:49:34.925 it basically, the lines are  
NOTE Confidence: 0.924528  
00:49:34.925 --> 00:49:36.765 basically just, like, straight lines.  
NOTE Confidence: 0.924528  
00:49:36.765 --> 00:49:37.005 So,  
NOTE Confidence: 0.94481593  
00:49:37.750 --> 00:49:38.790 maybe we should do that  
NOTE Confidence: 0.94481593  
00:49:38.790 --> 00:49:39.989 for more medications, but at  
NOTE Confidence: 0.94481593  
00:49:39.989 --> 00:49:41.030 least on first pass, they

NOTE Confidence: 0.94481593  
00:49:41.030 --> 00:49:42.090 didn't really change.  
NOTE Confidence: 0.95677614  
00:49:48.469 --> 00:49:49.910 Okay. I'll take silence as  
NOTE Confidence: 0.95677614  
00:49:49.910 --> 00:49:50.410 approval.  
NOTE Confidence: 0.8327036  
00:49:53.775 --> 00:49:54.895 Okay. I'll just,  
NOTE Confidence: 0.9849351  
00:49:55.375 --> 00:49:56.594 outline my future,  
NOTE Confidence: 0.9775597  
00:49:57.214 --> 00:49:58.494 plans, which is really to  
NOTE Confidence: 0.9775597  
00:49:58.494 --> 00:49:59.935 focus on a k award  
NOTE Confidence: 0.9775597  
00:49:59.935 --> 00:50:00.435 application.  
NOTE Confidence: 0.9573106  
00:50:00.815 --> 00:50:01.935 I'm hoping to apply for  
NOTE Confidence: 0.9573106  
00:50:01.935 --> 00:50:02.915 a Beeson award,  
NOTE Confidence: 0.9294847  
00:50:04.094 --> 00:50:04.915 this October.  
NOTE Confidence: 0.9787776  
00:50:05.535 --> 00:50:06.275 And then,  
NOTE Confidence: 0.78242093  
00:50:07.055 --> 00:50:07.454 so,  
NOTE Confidence: 0.9936867  
00:50:08.469 --> 00:50:10.170 here are the illustrative faculty  
NOTE Confidence: 0.9936867  
00:50:10.230 --> 00:50:11.030 I would like to work  
NOTE Confidence: 0.9936867

00:50:11.030 --> 00:50:11.510 with,  
NOTE Confidence: 0.9238544  
00:50:11.989 --> 00:50:13.770 and my training and research  
NOTE Confidence: 0.9238544  
00:50:13.830 --> 00:50:14.330 aims.  
NOTE Confidence: 0.96216965  
00:50:15.670 --> 00:50:16.950 I really wanna focus on  
NOTE Confidence: 0.96216965  
00:50:16.950 --> 00:50:18.469 getting better at causal inference,  
NOTE Confidence: 0.96216965  
00:50:18.469 --> 00:50:20.070 and so training aim one  
NOTE Confidence: 0.96216965  
00:50:20.070 --> 00:50:20.390 would be,  
NOTE Confidence: 0.9137393  
00:50:21.114 --> 00:50:22.955 looking at methods and, or  
NOTE Confidence: 0.9137393  
00:50:22.955 --> 00:50:23.775 sorry, matching,  
NOTE Confidence: 0.98927325  
00:50:24.795 --> 00:50:26.155 and then two is to  
NOTE Confidence: 0.98927325  
00:50:26.155 --> 00:50:27.614 deepen my knowledge of geriatric,  
NOTE Confidence: 0.88365364  
00:50:28.235 --> 00:50:29.295 specific outcomes,  
NOTE Confidence: 0.98653954  
00:50:30.475 --> 00:50:31.195 and then my,  
NOTE Confidence: 0.95999664  
00:50:31.755 --> 00:50:33.246 actual research aims. I think  
NOTE Confidence: 0.95999664  
00:50:33.246 --> 00:50:34.908 I you know, all of  
NOTE Confidence: 0.95999664  
00:50:34.908 --> 00:50:36.292 this is interesting population level

NOTE Confidence: 0.95999664

00:50:36.292 --> 00:50:37.676 data, but really important to

NOTE Confidence: 0.95999664

00:50:37.676 --> 00:50:39.060 validate and expand upon it

NOTE Confidence: 0.95999664

00:50:39.060 --> 00:50:40.444 in the Part d claims

NOTE Confidence: 0.95999664

00:50:40.444 --> 00:50:41.829 data. And so you can

NOTE Confidence: 0.95999664

00:50:41.829 --> 00:50:43.213 see the research aims are

NOTE Confidence: 0.95999664

00:50:43.213 --> 00:50:44.874 to, you know, assess changes

NOTE Confidence: 0.95999664

00:50:44.874 --> 00:50:46.344 in use, assess changes in

NOTE Confidence: 0.95999664

00:50:46.344 --> 00:50:48.905 outcomes, and then, assess, treatment

NOTE Confidence: 0.95999664

00:50:48.905 --> 00:50:49.405 heterogeneity.

NOTE Confidence: 0.975094

00:50:50.825 --> 00:50:52.185 And then what I'm hoping

NOTE Confidence: 0.975094

00:50:52.185 --> 00:50:53.305 to do, in a few

NOTE Confidence: 0.975094

00:50:53.305 --> 00:50:54.745 years, if the NIA still

NOTE Confidence: 0.975094

00:50:54.745 --> 00:50:56.105 exists, would be to apply

NOTE Confidence: 0.975094

00:50:56.105 --> 00:50:57.405 for an r o one.

NOTE Confidence: 0.9812655

00:50:58.930 --> 00:51:00.610 And then here's sort of

NOTE Confidence: 0.9812655

00:51:00.610 --> 00:51:02.050 my timeline. I'm hoping to  
NOTE Confidence: 0.9812655

00:51:02.050 --> 00:51:03.270 apply for that in,  
NOTE Confidence: 0.9976112

00:51:03.810 --> 00:51:04.930 this October, which I know  
NOTE Confidence: 0.9976112

00:51:04.930 --> 00:51:05.670 is aggressive,  
NOTE Confidence: 0.99756527

00:51:06.130 --> 00:51:07.250 but starting to work on  
NOTE Confidence: 0.99756527

00:51:07.250 --> 00:51:07.989 that now.  
NOTE Confidence: 0.97572446

00:51:08.690 --> 00:51:09.350 And then,  
NOTE Confidence: 0.98330927

00:51:10.130 --> 00:51:11.170 I just submitted a grant  
NOTE Confidence: 0.98330927

00:51:11.170 --> 00:51:12.265 with with colleagues that would  
NOTE Confidence: 0.98330927

00:51:12.265 --> 00:51:13.625 be portable to to look  
NOTE Confidence: 0.98330927

00:51:13.625 --> 00:51:14.125 at  
NOTE Confidence: 0.94867253

00:51:14.585 --> 00:51:15.945 parts of the Inflation Reduction  
NOTE Confidence: 0.94867253

00:51:15.945 --> 00:51:17.945 Act in partnership with, Express  
NOTE Confidence: 0.94867253

00:51:17.945 --> 00:51:19.225 Scripts, which is a PBM,  
NOTE Confidence: 0.94867253

00:51:19.225 --> 00:51:20.685 a pharmacy benefit manager.  
NOTE Confidence: 0.9812724

00:51:21.225 --> 00:51:22.265 There is a program that

NOTE Confidence: 0.9812724  
00:51:22.265 --> 00:51:23.305 would smooth out of pocket  
NOTE Confidence: 0.9812724  
00:51:23.305 --> 00:51:24.665 costs over the calendar year  
NOTE Confidence: 0.9812724  
00:51:24.665 --> 00:51:25.625 that could address some of  
NOTE Confidence: 0.9812724  
00:51:25.625 --> 00:51:26.125 this.  
NOTE Confidence: 0.9666991  
00:51:26.585 --> 00:51:27.670 So that's sort of the  
NOTE Confidence: 0.9666991  
00:51:27.670 --> 00:51:29.190 timeline of what I'm hoping  
NOTE Confidence: 0.9666991  
00:51:29.190 --> 00:51:30.550 to, to do in the  
NOTE Confidence: 0.9666991  
00:51:30.550 --> 00:51:31.690 next couple of years.  
NOTE Confidence: 0.9887721  
00:51:33.190 --> 00:51:33.690 Okay.  
NOTE Confidence: 0.99547386  
00:51:34.710 --> 00:51:36.090 At the risk of overstuffing  
NOTE Confidence: 0.96787065  
00:51:36.469 --> 00:51:37.830 this time period with too  
NOTE Confidence: 0.96787065  
00:51:37.830 --> 00:51:39.494 many more slides, I'll pause  
NOTE Confidence: 0.96787065  
00:51:39.494 --> 00:51:40.535 there. And and thank you  
NOTE Confidence: 0.96787065  
00:51:40.535 --> 00:51:41.734 all for for your feedback.  
NOTE Confidence: 0.96787065  
00:51:41.734 --> 00:51:42.775 It's truly an,  
NOTE Confidence: 0.89322776

00:51:43.494 --> 00:51:45.015 obviously a privilege to present,

NOTE Confidence: 0.9829726

00:51:45.494 --> 00:51:47.255 and, you know, your engagement

NOTE Confidence: 0.9829726

00:51:47.255 --> 00:51:48.135 means a lot. So I'll

NOTE Confidence: 0.9829726

00:51:48.135 --> 00:51:49.494 I'll go back and make

NOTE Confidence: 0.9829726

00:51:49.494 --> 00:51:50.234 those changes,

NOTE Confidence: 0.95988417

00:51:50.775 --> 00:51:52.055 to to this to this

NOTE Confidence: 0.95988417

00:51:52.055 --> 00:51:53.174 paper. And so I really

NOTE Confidence: 0.95988417

00:51:53.174 --> 00:51:54.714 appreciate all your time.