

WEBVTT

NOTE duration:"00:02:40.5120000"

NOTE recognizability:0.887

NOTE language:en-us

NOTE Confidence: 0.8345047

00:00:04.690 --> 00:00:05.862 Innovation plays a really

NOTE Confidence: 0.8345047

00:00:05.862 --> 00:00:07.630 key part in our daily life.

NOTE Confidence: 0.8345047

00:00:07.630 --> 00:00:09.388 Every day we're taking care of

NOTE Confidence: 0.8345047

00:00:09.390 --> 00:00:11.094 patients and every day we're thinking

NOTE Confidence: 0.8345047

00:00:11.094 --> 00:00:13.187 about how can I do this next

NOTE Confidence: 0.8345047

00:00:13.187 --> 00:00:14.975 procedure better than the day before.

NOTE Confidence: 0.88425493

00:00:18.000 --> 00:00:19.625 We do have now all this

NOTE Confidence: 0.88425493

00:00:19.625 --> 00:00:20.970 technology that's there and we

NOTE Confidence: 0.8842549300000001

00:00:21.022 --> 00:00:22.762 have navigation and we have robotics

NOTE Confidence: 0.8842549300000001

00:00:22.762 --> 00:00:25.266 and we utilize all of those to make it

NOTE Confidence: 0.8842549300000001

00:00:25.266 --> 00:00:27.084 patient specific such that we are able

NOTE Confidence: 0.8842549300000001

00:00:27.084 --> 00:00:29.180 to cater to whatever the needs are of

NOTE Confidence: 0.8842549300000001

00:00:29.240 --> 00:00:31.520 the person that's coming in front of us,

NOTE Confidence: 0.8842549300000001

00:00:31.520 --> 00:00:32.900 not for the global mass.
NOTE Confidence: 0.9224937

00:00:35.300 --> 00:00:37.956 So that means that you may have a
NOTE Confidence: 0.9224937

00:00:37.956 --> 00:00:40.194 custom implant or a custom surgical
NOTE Confidence: 0.9224937

00:00:40.194 --> 00:00:42.438 approach in which the surgery has
NOTE Confidence: 0.9224937

00:00:42.511 --> 00:00:44.255 been designed specifically to
NOTE Confidence: 0.9224937

00:00:44.255 --> 00:00:46.871 help you and your unique anatomy.
NOTE Confidence: 0.90839857

00:00:48.590 --> 00:00:51.326 I feel like a lot of the research,
NOTE Confidence: 0.90839857

00:00:51.330 --> 00:00:53.190 especially currently is the utilization
NOTE Confidence: 0.90839857

00:00:53.190 --> 00:00:55.647 of new technology and kind of seeing
NOTE Confidence: 0.90839857

00:00:55.647 --> 00:00:57.537 how we can use that technology not
NOTE Confidence: 0.90839857

00:00:57.537 --> 00:00:59.729 for just having something cool that's
NOTE Confidence: 0.90839857

00:00:59.729 --> 00:01:01.589 available in the operating room,
NOTE Confidence: 0.90839857

00:01:01.590 --> 00:01:03.295 but to actually have visible
NOTE Confidence: 0.90839857

00:01:03.295 --> 00:01:04.659 results in the patients.
NOTE Confidence: 0.92301774

00:01:06.400 --> 00:01:08.185 The beautiful thing about robotics
NOTE Confidence: 0.92301774

00:01:08.185 --> 00:01:10.905 is that we're taking a 3D model of

NOTE Confidence: 0.92301774

00:01:10.905 --> 00:01:12.921 the patient and then we are taking

NOTE Confidence: 0.92301774

00:01:12.992 --> 00:01:15.134 that 3D model and virtually fitting

NOTE Confidence: 0.92301774

00:01:15.134 --> 00:01:16.908 the components to the patient.

NOTE Confidence: 0.92301774

00:01:16.908 --> 00:01:19.274 And then when we're doing the surgery,

NOTE Confidence: 0.92301774

00:01:19.280 --> 00:01:22.624 the robot is helping us replicate that model.

NOTE Confidence: 0.92301774

00:01:22.630 --> 00:01:24.150 A millimeter of accuracy.

NOTE Confidence: 0.8805658

00:01:28.240 --> 00:01:29.905 It really elevates the hip and

NOTE Confidence: 0.8805658

00:01:29.905 --> 00:01:31.290 knee replacement into an art

NOTE Confidence: 0.8805658

00:01:31.347 --> 00:01:33.443 form where a patient can have the surgery

NOTE Confidence: 0.8805658

00:01:33.443 --> 00:01:35.192 and recover seamlessly to the point

NOTE Confidence: 0.8805658

00:01:35.192 --> 00:01:36.944 where they're walking the same day,

NOTE Confidence: 0.8805658

00:01:36.950 --> 00:01:38.540 doing the therapy the same day

NOTE Confidence: 0.8805658

00:01:38.540 --> 00:01:40.319 within an hour of the surgery,

NOTE Confidence: 0.8805658

00:01:40.320 --> 00:01:42.182 and in a few hours later they're

NOTE Confidence: 0.8805658

00:01:42.182 --> 00:01:43.627 resting at home and sleeping

NOTE Confidence: 0.8805658

00:01:43.627 --> 00:01:45.373 in their bed that same night.
NOTE Confidence: 0.8805658

00:01:45.380 --> 00:01:46.836 That is the product of a decade
NOTE Confidence: 0.8805658

00:01:46.836 --> 00:01:48.471 or more of dedicated research and
NOTE Confidence: 0.8805658

00:01:48.471 --> 00:01:50.061 small improvements along the way
NOTE Confidence: 0.8805658

00:01:50.061 --> 00:01:52.292 in terms of pain control and blood
NOTE Confidence: 0.8805658

00:01:52.292 --> 00:01:53.528 loss management and technique.
NOTE Confidence: 0.8805658

00:01:53.530 --> 00:01:55.497 And when we Add all those up,
NOTE Confidence: 0.8805658

00:01:55.500 --> 00:01:56.960 it's just an absolute incredible
NOTE Confidence: 0.8805658

00:01:56.960 --> 00:01:57.836 process to watch.
NOTE Confidence: 0.8805658

00:01:57.840 --> 00:01:58.800 A patient go through it,
NOTE Confidence: 0.8805658

00:01:58.800 --> 00:01:59.373 have a surgery,
NOTE Confidence: 0.8805658

00:01:59.373 --> 00:02:01.099 get up and recover and make their way home.
NOTE Confidence: 0.8051923999999999

00:02:03.250 --> 00:02:04.984 You have patients that come in
NOTE Confidence: 0.8051923999999999

00:02:04.984 --> 00:02:07.068 that have never been able to walk
NOTE Confidence: 0.8051923999999999

00:02:07.068 --> 00:02:08.802 or haven't walked in several weeks
NOTE Confidence: 0.8051923999999999

00:02:08.802 --> 00:02:10.556 and after undergoing a procedure

NOTE Confidence: 0.8051923999999999
00:02:10.556 --> 00:02:12.662 they have this new found freedom.
NOTE Confidence: 0.90738577
00:02:15.680 --> 00:02:17.549 The goal of innovation and the goal
NOTE Confidence: 0.90738577
00:02:17.549 --> 00:02:19.380 of clinical care is straightforward.
NOTE Confidence: 0.90738577
00:02:19.380 --> 00:02:21.756 It is to take care of the patient
NOTE Confidence: 0.90738577
00:02:21.756 --> 00:02:23.413 and improve that patients quality
NOTE Confidence: 0.90738577
00:02:23.413 --> 00:02:26.354 of life and that is the goal we all
NOTE Confidence: 0.90738577
00:02:26.354 --> 00:02:28.307 strive for and we hit the mark.
NOTE Confidence: 0.90738577
00:02:28.310 --> 00:02:30.158 It is absolutely rewarding and glorifying
NOTE Confidence: 0.90738577
00:02:30.158 --> 00:02:32.375 to to advance our profession in the
NOTE Confidence: 0.90738577
00:02:32.375 --> 00:02:34.223 right direction which we return our
NOTE Confidence: 0.90738577
00:02:34.223 --> 00:02:36.320 focus to the patient in their recovery.