A curriculum to help hematology/oncology fellows succeed in research

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OBJECTIVE

Design a curriculum for adult hematology/oncology fellows that will help them transition from clinical to research studies.

BACKGROUND

Training to be an adult medical oncologist or hematologist is a long, involved process beginning with four years of medical school, followed by three years of residency, then one to two years of clinical subspecialty training. At the end of subspecialty clinical training, the trainee is expected to pursue a research project for one or more years. During the initial 8-9 year educational period, there is virtually no research training resulting in most clinicians arriving to the research part of their careers with no background. Yet, for trainees to obtain value from their research experiences, and just as importantly, for the research to provide value to the medical community, these trainees need to rapidly acquire an understanding of the research structure within which they will need to work. A number of programs have been developed to solve this problem. For example, the Clinical Effectiveness course at Harvard Medical School is a summer long course that can be expanded into a degree program to teach clinical epidemiology and trial design[1]. Alternatively, the annual workshop by the AACR and ASCO at Vail is a week-long intense workshop for teaching clinical trial design[2]. While these courses are excellent, only a limited number of people can participate. My goal was to design a focused program that would give fellows the basic tools to identify a mentor, think about a research project and navigate through some of the logistics involved. Thus, I am designing a curriculum in which clinical hematology/oncology fellows begin planning projects during their clinical training year(s) so that they have a plan and a research mentor as soon as their major clinical responsibilities are done.

METHOD

1. Interviewed fellows: currently, there are 23 fellows in the Yale hematology/oncology program, of whom 15 have completed this is a body of text that will repeat over and over until it fills up the page. It requires little thought but says a great deal about layout design for the purpose of this discussion. This