TECoG Committee Update

Mara Antonoff
TECoG Update to the TSDA
May 4, 2019
TECoG as TSDA Committee

• TSDA Committee since 2018 (independent organization founded in 2014)
• Functioning well under TSDA
• Website now fully under TSDA, including protocol submission forms, bylaws, etc.
Publications:


TECoG
Thoracic Education Cooperative Group
Publications:

Conducting high-quality research in cardiothoracic surgical education: Recommendations from the Thoracic Education Cooperative Group

Mara B. Antonoff, MD, FACS, a Stephanie Nguyen, BS, b Tom C. Nguyen, MD, b and David D. Odell, MD, MMSc c

ABSTRACT

Objective: There is a clear need for improved quality of research publications in the area of cardiothoracic surgical education. With the goals of enhancing the power, rigor, and strength of educational investigations, the Thoracic Education Cooperative Group seeks to outline key concepts in successfully conducting such research.

Methods: Literature and established guidelines for conduct of research in surgical education were reviewed, and recommendations were developed for investigators in thoracic surgical education.

Results: Key steps in educational research are highlighted and discussed with regard to their application to cardiothoracic surgical education. Specifically, advice is provided in terms of developing a research question, educational methodology, ethical issues, and handling power and sample sizes. Additional caveats of educational research that are addressed include aspects of validity, survey conduct, and simulation research.

Conclusions: Educational research can serve to enhance the practices and careers of current trainees, our scientific community, and thoracic surgical educators. To optimize the quality of such educational research, it is imperative that teachers, innovators, and contributors to academic scholarship in our field familiarize themselves with key steps in conducting educational studies. (J Thorac Cardiovasc Surg 2019;157:820-7)

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• Advice is provided in terms of developing a research question, educational methodology, ethical issues, and handling power and sample sizes.

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## Ongoing Studies & Studies in Development:

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Administrative Update

• Recent call for self-nominations and subsequent committee appointments

• Leadership Turnover
  – New appointments May 2019-2021
    • Chair: David Odell
    • Vice Chair: Ikenna Okereke
    • Secretary/Treasurer: Sam Kim
    • Immediate Past Chair: Mara Antonoff
Meeting here at AATS

• Please join us!
  Saturday (today)
  5/4/2018
  2:30-3:30 PM ET
  Fairmont Royal York
  New Brunswick room

• For any questions, please contact us!
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  – Mara Antonoff  mbantonoff@mdanderson.org