



Digestive Diseases Research Seminar

Presented by

Yale School of Medicine's Department of Internal Medicine,
Section of Digestive Diseases

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“Real-world evidence for real-world GI: Exploring the clinical data science landscape”

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TAC S-247
300 Cedar Street
5:00 - 6:00 pm

Host: Deborah Proctor, MD

There is no corporate support for this activity. Accreditation: The Yale School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians. **Target Audience:** YSM faculty, fellows, and staff, and local GI physicians. **Designation Statement:** The Yale School of Medicine designates this live activity for 1 AMA PRA Category 1 Credit(s)[™]. Physicians should only claim the credit commensurate with the extent of their participation in the activity. **Needs assessment:** 'Real-world data' such as from electronic health records and claims databases is potentially valuable source of insight relevant to healthcare delivery and research. However there remain a wide-variety of challenges with their use, most importantly: 1) widespread biases that may subvert valid inference, and 2) bioinformatic challenges limiting the tractability and scalability of analyses. The definition, types, use, and open challenges related to the use of these data remain poorly understood by both casual practitioners and consumers of research related to these data. This course will fill this important and growing unmet need by illustrating these issues using a GI- and IBD-oriented original research performed by the speaker. **Objectives:** What is Real-World Data (RWD) and what are its potential use cases? What are the open challenges with respect to its use? What are differences between claims and electronic health records data in terms of their content and accuracy? What kinds of questions can RWD answer as relevant to the study of inflammatory bowel disease. 4. What are the open challenges with respect to their future use, and what are some potential solutions to these? **Faculty Disclosures:** V Rudrapatna - None. D. Proctor - Abbvie: Honorarium/Consultant and research grant/PI at Yale; Celgene, research grant/PI at Yale; Parexel, research grant/PI at Yale. It is the policy of Yale School of Medicine, Continuing Medical Education, to ensure balance, independence, objectivity and scientific rigor in all its educational programs. All faculty participating as speakers in these programs are required to disclose any relevant financial relationship(s) they (or spouse or partner) have with a commercial interest that benefits the individual in any financial amount that has occurred within the past 12 months; and the opportunity to affect the content of CME about the products or services of the commercial interests. The Center for Continuing Medical Education will ensure that any conflicts of interest are resolved before the educational activity occurs. **This course will fulfill the licensure requirement set forth by the State of Connecticut.**