

Small Bowel Video Capsule Endoscopy: Training and Competency Assessment

Activity Description

Video capsule endoscopy (VCE) is currently considered the gold standard in the investigation of small bowel disease and is widely available in clinical practice as a noninvasive modality to examine the small bowel. This course will provide a structured (VCE) training curriculum with a validated assessment tool for gastroenterologists and trainees and includes 4 hours of didactic tutoring, hardware and software instruction, and review of cases with VCE experts. Participants are then expected to complete 25 VCE interpretations. A formalized and validated assessment tool was developed and referred to as the Capsule Competency Test (CapCT). This test evaluates the fundamentals of knowledge for the procedure including indications and contraindications, and the ability to accurately identify, interpret, and document VCE findings. Participants are required to complete the CapCT as part of their training.

Target Audience

Mayo Clinic gastroenterology fellows and gastroenterologists and gastroenterology trainees world-wide.

Learning Objectives

Upon conclusion of this activity, participants should be able to:

- Recite knowledge of capsule endoscopy hardware and software.
- Identify, interpret and report on capsule endoscopy findings accurately.
- Formulate clinical recommendations based on overall clinical impression.

Attendance at this Mayo Clinic course does not indicate nor guarantee competence or proficiency in the performance of any procedures which may be discussed or taught in this course.

Disclosure Summary*

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None

All relevant financial relationships listed for these individuals have been mitigated.

No relevant financial relationship(s) with ineligible companies:

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None

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Prerequisites for Participation

There are no prerequisites needed prior to participating in this education activity.

Method of Participation*

Participation in this activity consists of reviewing the educational material, completing the learner assessment, course assignments and evaluations.

How to Obtain Credit*

No CME credit is being offered. To obtain non-CME Participation Credit, complete the final assessment, course evaluation and submit.

Release and Expiration Dates*

Release Date: March 1, 2024
Expiration Date: February 28, 2027

Acknowledgment of Commercial Support*

No commercial support was received in the production of this activity.

Faculty and Course Director Listing and Credentials

Course Director(s):

- Elizabeth Rajan, M.D.
- Stephanie L. Hansel, M.D., M.S.

Bibliographic Resources*

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9. Evaluating a combined bowel preparation for small-bowel capsule endoscopy: a prospective randomized-controlled study. **Hansel SL**, Murray JA, Alexander JA, Bruining DH, Larson MV, Mangan TF, Dierkhising RA, Almazar AE, **Rajan E**. *Gastroenterol Rep*. 2019 19;8(1):31-35
10. Retained Capsule Endoscopy in a Large Tertiary Care Academic Practice and Radiologic Predictors of Retention. Al-Bawardy B, Locke G, Huprich JE, Fletcher JG, Fidler JL, Barlow JM, Becker B, **Rajan E**, Loftus EV Jr, Bruining DH, **Hansel SL**. *Inflamm Bowel Dis*. 2015;21(9):2158-64
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12. Patient-oriented education and visual-aid intervention are inadequate to identify patients with potential capsule retention: a prospective randomized study. Al-Bawardy B, Kamboj AK, Desai S, Gorospe E, Bruining DH, Gostout CJ, **Hansel SL**, Larson MV, Murray JA, Nehra V, Leggett CL, Szarka LA, Watson RE, **Rajan E**. *Scand J Gastroenterol*. 2019 May;54(5):662-665.
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14. Use of Capsule Small Bowel Transit Time to Determine the Optimal Enteroscopy Approach. Chalazan B, Gostout CJ, Song LM, Enders FT, **Rajan E**. *Gastroenterology Res*. 2012;5(2):39-44

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