

PROLONGED VIDEO CAPSULE ENDOSCOPY EXAMINATION DURATION CAN IMPROVE CAPSULE ENDOSCOPY COMPLETENESS

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Poster

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An overnight video capsule endoscopy protocol using extended battery life capsules achieved 93.2% completion rate and 83% diagnostic yield in 88 patients, significantly higher than examination limited to 8 or 12 hours.

KEY POINTS

- 58% of patients completed small bowel evaluation within 8 hours, increasing to 79.5% at 12 hours and 93.2% with overnight protocol (all differences $p < 0.001$).
- Diagnostic yield was 71.6% at 8 hours, 81.8% at 12 hours, and 83% for the whole overnight course ($p < 0.001$ for 8-hour comparisons).
- The study included 88 patients (median age 69 years, 95% with suspected small bowel bleeding, 78.4% inpatients) examined between 2016-2020 using Olympus endocapsule 10.
- No capsule retention occurred during the study period.
- The authors suggest prolonged overnight VCE examination should be considered routine practice, especially for inpatients.

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