

Phase IIb Inflammatory Bowel Disease Trial

Crohn's disease and ulcerative colitis

Endoscopy video, MR enterography

SES-CD and Mayo Endoscopic Score

Challenge

In inflammatory bowel disease trials, endoscopic and cross-sectional assessments of disease activity are inherently interpretive. When scoring is performed at individual sites, that subjectivity translates directly into variability: the same endoscopic finding may be scored differently by different investigators, and eligibility decisions can diverge accordingly. The sponsor needed to remove this inconsistency from both the screening process and the SES-CD and Mayo Endoscopic Score assessments that anchored the trial's efficacy evaluations.

Our Solution

Intrinsic Imaging established a blinded dual-reader central review process encompassing both endoscopic video and MR enterography. Endoscopic recordings were anonymized and scored against standardized ulcer measurement conventions, while cross-sectional studies underwent quantitative review of bowel wall thickness and related parameters. Discordant scores were resolved through structured adjudication, and centralized eligibility review brought uniformity to screening decisions across all participating sites.

Results

- Inter-reader scoring discordance reduced by 42%
- Reduced incidence of inappropriate screening exclusions
- Consistent eligibility decisions across sites

Read the full study online: <https://www.intrinsicimaging.com/case-studies/gastroenterology>

About Intrinsic Imaging, LLC

Intrinsic Imaging is a full-service medical imaging core lab providing comprehensive services in support of Phase I-IV clinical trials and Class I, II, III medical device trials. Intrinsic Imaging is also a world leader in conducting Artificial Intelligence studies. With its team of more than 750 board-certified and fellowship-trained physicians, Intrinsic Imaging's team has sub-specialization in all therapeutic areas, including Cardiovascular, Central Nervous System, Gastroenterology, Musculoskeletal, Oncology and Ophthalmology. Certified by the British Standards Institution (BSI), Intrinsic Imaging is the only company in the world to hold five ISO certifications specifically for providing imaging core lab services on clinical trials. For more information, please visit www.IntrinsicImaging.com.

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