

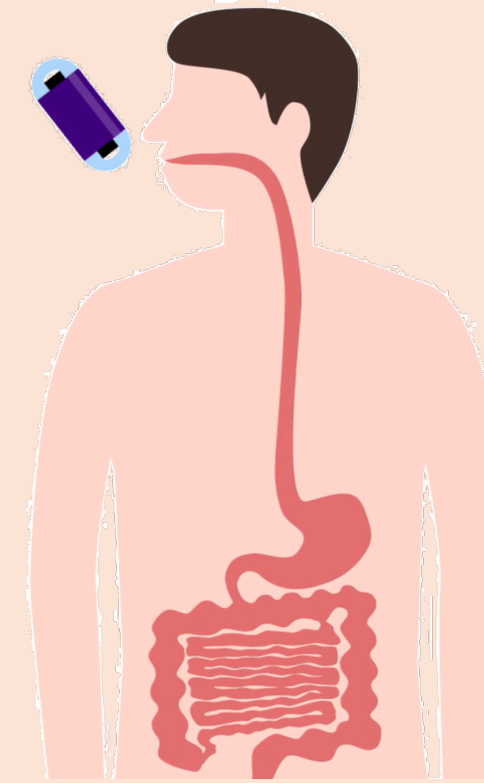


Getting Capsules Into Patients Using AI to Remove a Critical Barrier in Scaling Accurate GI Diagnostics

01. Video Capsule Endoscopy

Minimally-invasive GI Diagnostic *Technology* with great potential

- Vitamin-pill sized camera capsule
- 2-to-15-hour non-linear video
- Up to 400,000 detailed images
- Diagnostic yield as high as tube-based endoscopy and higher than stool tests



02. Challenge

Video Capsule Endoscopy Diagnostic *Process* lacks adoption

- High effort to identify or rule out pathology
- Tiring to analyze multiple videos
- Costly to conduct the procedure

03. SaMD Development

AI/ML-based Software-as-a-Medical-Device (SaMD) expert support tool for image interpretation: AiSPEED™

- Probability-based image resorting: Effort reduced from 30-120 min to 10-20 min per video
 - Process automation: Consistency improved from 81% to 91% average sensitivity
- ¼ cost per interpretation at same or better diagnostic yield

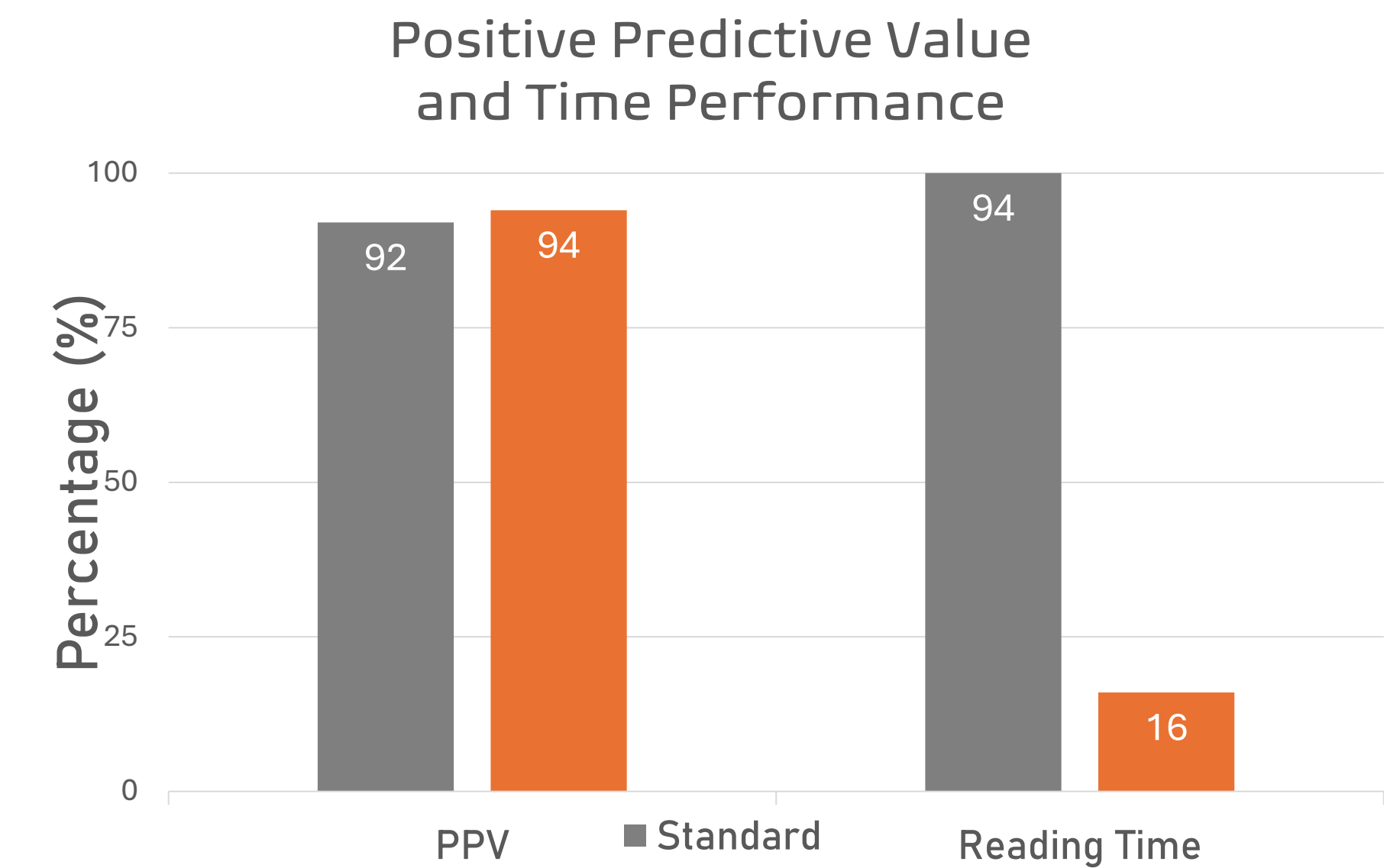


Find out more details about the results:

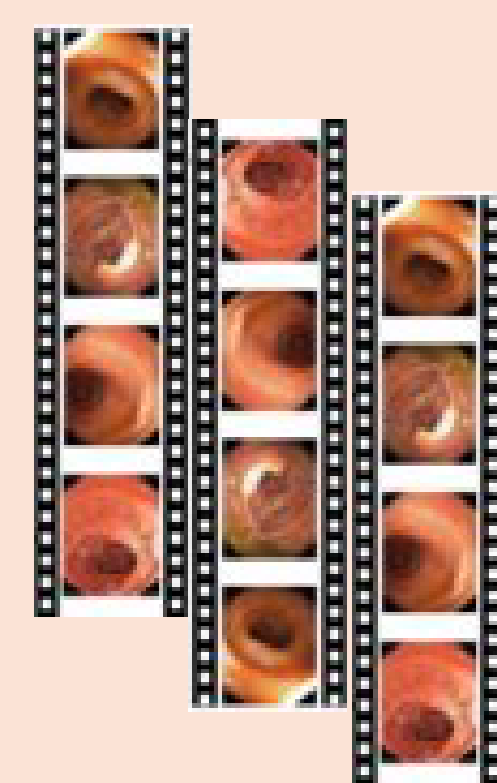
05. Clinical Validation

NIHR (UK National Institute for Health and Care Research) funded study to validate accuracy and productivity

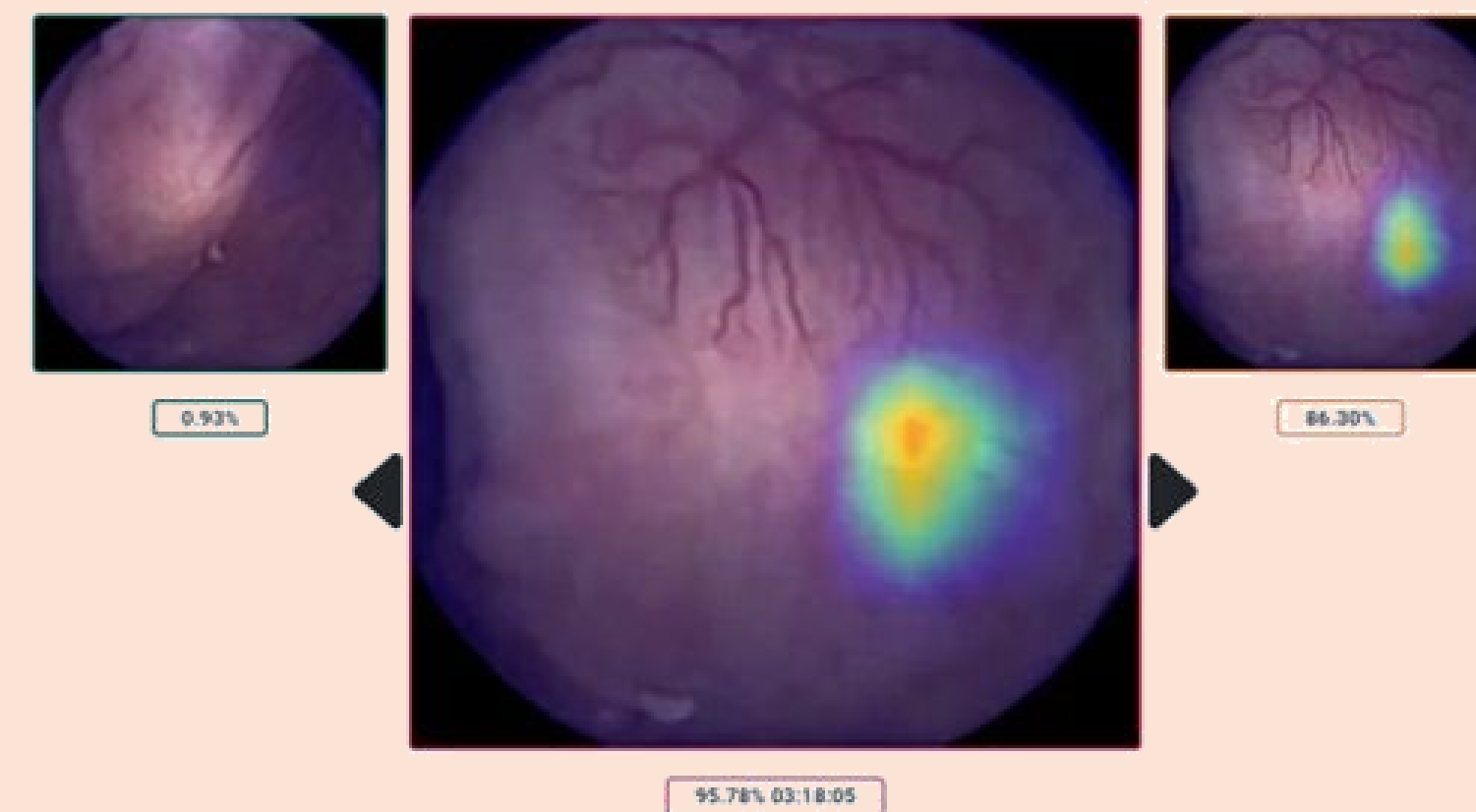
- n = 720 Prospective & Retrospective
- 13 NHS sites in England and Scotland



04. Revision Pipeline



From Time-Based Presentation To Probability-Based Presentation



Ready for Class I Certification
 UKCA | CE | FDA



06. Outlook

- Enable whole gut video analysis
- Conduct patient risk assessment
- Standardize automated report generation

Resource preserving, high-quality, cost-effective GI diagnostics everywhere for everyone

Reference and Supplementary Materials

For an in-depth information, additional resources and references, scan the QR code, visit our website at <https://gi.digital>, or contact us at info@gi.digital

