

Artificial intelligence software to help detect and characterise colorectal polyps [GID-DG10118]

Diagnostics Assessment Report Addendum

December 2025

Source of funding

This report was commissioned by the NIHR Evidence Synthesis Programme as project number 136019.

Title:	Artificial intelligence software to help detect and characterise colorectal polyps [GID-DG10118] – Diagnostic Assessment Report supplement 2
Produced by:	BMJ Technology Assessment Group (BMJ-TAG)
Authors:	Steve Edwards, Director of Health Technology Assessment, BMJ-TAG, London Nicole Downes, Senior Clinical Evidence Analyst, BMJ-TAG, London Sophie Ip, Senior Health Economist, BMJ-TAG, London Victoria Wakefield, Principal Clinical Evidence Analyst, BMJ-TAG, London Clare Dadswell, Clinical Evidence Manager, BMJ-TAG, London Isaac Mackenzie, Health Economist, BMJ-TAG, London Tracey Jhita, Health Economics Manager, BMJ-TAG, London
Correspondence to:	Steve Edwards, BMJ TAG, BMJ Group, 5th Floor, 90 Whitfield Street, London W1T 4EZ, UK.
Date completed:	19/12/2025
Source of funding:	This report was commissioned by the NIHR Evidence Synthesis Programme as project number 136019.
Declared competing interests of the authors	No competing interests were declared which affect the impartiality of this report. BMJ Technology Assessment Group (BMJ-TAG) and the editorial team of The BMJ work independently to one another. The views and opinions expressed in this report are those of the BMJ-TAG.
Acknowledgments:	<p>The EAG would like to thank Kayleigh Kew for their assistance with data extraction, quality assessment and validation, and Dr Ben Farrar for their assistance with validation of search strategies for database searches.</p> <p>The EAG would like to thank Dr Adam Humphries (Consultant Gastroenterologist, St Mark's Hospital), Professor Mark Saunders (Consultant Clinical Oncologist, The Christie), Mr Andrea Scala (Consultant Surgeon, Royal Surrey County Hospital), Dr Timothy Simmons (Consultant Clinical Oncologist, Newcastle Upon Tyne Hospitals NHS Foundation Trust) and Dr Raj Srirajaskanthan (Consultant Gastroenterologist, King's College Hospital) for providing clinical advice throughout the project and for providing feedback on the clinical sections of the report. The EAG also thanks Mr John Stebbing (Consultant Surgeon, Royal Surrey County Hospital) for providing clinical advice at the beginning of the project, and Ms. Stella O'Brien for providing feedback on the topic area from a patient perspective.</p> <p>The EAG would like to thank Professor Matt Stevenson (Professor of Health Technology Assessment, ScHARR-TAG) for providing feedback on the health economic model and the health economic sections of the report.</p> <p>The EAG would also like to thank Professor Paul Tappenden (Professor of Health Economic Modelling, ScHARR-TAG) and Mon Mon Yee (Research Associate in Decision Modelling, ScHARR-TAG) for providing guidance on the approach taken in DG10083.</p> <p>The EAG thanks Dr Ahmir Ahmad for providing additional information relating to publications of included trials and for providing information relating to the ongoing roll-out within the NHS Bowel Cancer Screening Programme of the resect-and-discard approach,¹ and Dr Jonas Varkey,² Dr Hirotaka Nakashima,³ Dr Kasenee Tiankanon,⁴ Dr Daniel von Renteln and Dr Roupen Djinbajian,⁵ for providing additional information relating to publications of included trials.</p>
Rider on responsibility for report:	The views expressed in this report are those of the authors and not necessarily those of the NIHR Evidence Synthesis Programme. Any errors are the responsibility of the authors.

Report reference: Edwards SJ, Downes N, Ip S, Wakefield V, Dadswell C, Mackenzie I, Jhita T. Artificial intelligence software to help detect and characterise colorectal polyps [GID-DG10118]: A Diagnostic Assessment review. BMJ Technology Assessment Group, 2025.

This review has been registered on PROSPERO under registration number CRD42024586541.

All commercial in confidence data and information are highlighted in

[REDACTED]

Table of Contents

Table of Contents.....	4
List of Tables	5
List of Figures	6
List of Abbreviations	7
1 Economic analysis for CADDIE™	8
1.1 Modelling methodology	8
1.1.1 Model inputs	8
1.2 Results	10
1.2.1 Base case results	10
1.2.2 Deterministic sensitivity analysis	15
1.2.3 Subgroup analyses	17
1.2.4 Scenario analyses	18
2 References	21

List of Tables

Table 1. CADDIE™ treatment effectiveness model inputs.....	9
Table 2. Probabilistic cost-effectiveness results for CADDIE™	12
Table 3. Deterministic cost-effectiveness results for CADDIE™	12
Table 4. Probabilistic results: change in number of procedures for CADDIE™	13
Table 5. Deterministic results: change in number of procedures for CADDIE™	13
Table 6. Deterministic subgroup analyses: cost-effectiveness results vs colonoscopy without AI for CADDIE™	18
Table 7. Deterministic scenario analysis results for CADDIE™	19

List of Figures

Figure 1. CADDIE™ vs colonoscopy without AI cost-effectiveness plane	14
Figure 2. CADDIE™ vs colonoscopy without AI CEAC.....	14
Figure 3. CADDIE™ vs colonoscopy without AI incremental NHB convergence plot.....	15
Figure 4. CADDIE™ vs colonoscopy without AI incremental NHB tornado plot	16
Figure 5. CADDIE™ vs colonoscopy without AI incremental costs tornado plot	16
Figure 6. CADDIE™ vs colonoscopy without AI incremental QALYs tornado plot	17
Figure 7. CADDIE™ vs colonoscopy without AI incremental LYG tornado plot	17

List of Abbreviations

AA	Advanced adenoma
ADR	Adenoma detection rate
AE	Adverse event
AI	Artificial intelligence
AMR	Adenoma miss rate
APC	Adenomas per colonoscopy
CADe	Computer-aided detection
CADx	Computer-aided diagnosis
CE	Cost-effectiveness
CEAC	Cost-effectiveness acceptability curve
CI	Confidence interval
CRC	Colorectal cancer
CSR	Clinical study report
DAC	Diagnostic Assessment Committee
DAR	Diagnostic assessment report
DSA	Deterministic sensitivity analysis
EAG	External Assessment Group
IBD	Inflammatory bowel disease
IRR	Incidence rate ratio
LRA	Low-risk adenoma
LT	Long-term
LYG	Life years gained
NHB	Net health benefit
NHS	National Health Service
NSBP	No significant bowel pathology
QALY	Quality-adjusted life year
RR	Risk ratio
SLR	Systematic literature review
WTP	Willingness-to-pay

1 Economic analysis for CADDIE™

1.1 Modelling methodology

In the diagnostic assessment report (DAR) presented for this appraisal, the CADDIE™ technology was excluded from the economic analysis as the manufacturer, Odin Vision, had not provided a cost for this technology. However, during stakeholder consultation on draft guidance after the first Diagnostic Assessment Committee (DAC), Odin Vision provided costs for CADDIE™ in a National Health Service (NHS) context, so the External Assessment Group (EAG) has now been able to provide the results of the economic analysis for CADDIE™.

The methodology for the economic analysis is identical to the methodology for the other technologies, detailed in the main DAR. The CADDIE™ technology includes both computer-aided detection (CADe) and computer-aided diagnosis (CADx) functionalities, with data parametrising technology effectiveness for both functionalities; therefore, exploratory analyses considering the impact of CADx functionalities were conducted alongside the base case analysis, which included only the impact of CADe functionalities. Subgroup data were also available for the screening, symptomatic/diagnostic and surveillance populations, and so subgroup analyses were also run for these populations.

1.1.1 Model inputs

All inputs, with the exception of technology costs and technology effectiveness inputs, were the same as for the other interventions detailed in the main DAR. Model input values and sources for technology effectiveness parameters for CADDIE™ are given in Table 1.

Table 1. CADDIE™ treatment effectiveness model inputs

Model parameter	Input value (95% CI)	Source
<i>Base case</i>		
ADR RR*	██████████	Clinical SLR and meta-analysis (Section 3.2.2.1.1.1 of the main DAR)
APC IRR	██████████	Clinical SLR and meta-analysis (Section 3.2.2.1.1.8 of the main DAR)
<i>Subgroup analyses</i>		
ADR RR (screening population)	██████████	Odin Vision 2024 EAGLE CSR – screening subgroup ⁶
ADR RR (symptomatic/diagnostic population)	██████████	Odin Vision 2024 CADDIE™ CSR, whole study ⁷
ADR RR (surveillance population)	██████████	Odin Vision 2024 EAGLE CSR – surveillance subgroup ⁶
<i>Sensitivity analyses exploring alternative polyp management strategies</i>		
APC (mean difference compared to colonoscopy without CADe)	██████████	Clinical SLR and meta-analysis (Section 3.2.2.1.1.8 of the main DAR)
CADx sensitivity (all diagnoses)	██████████	Odin Vision 2024 CADDIE™ CSR ⁷
CADx specificity (all diagnoses)	██████████	Odin Vision 2024 CADDIE™ CSR ⁷
CADx proportion of diagnoses which are not high-confidence	██████████	Odin Vision 2024 CADDIE™ CSR (note, 95% CI derived from mean value and sample size using normal approximation) ⁷
CADx sensitivity (high-confidence diagnoses)	██████████	Odin Vision 2024 CADDIE™ CSR ⁷
CADx specificity (high-confidence diagnoses)	██████████	Odin Vision 2024 CADDIE™ CSR ⁷
Footnote: *The EAG was unable to identify separate ADRs for LRA and AA; therefore, the overall ADR RR was applied for both LRA and AA.		
Abbreviations: AA, advanced adenoma; ADR, adenoma detection rate; APC, adenomas per colonoscopy; CADe, computer-aided detection; CADx, computer-aided diagnosis; CI, confidence interval; CSR, clinical study report; DAR, diagnostic assessment report; EAG, External Assessment Group; IRR, incidence rate ratio; LRA, low-risk adenoma; RR, risk ratio; SLR, systematic literature review.		

The EAG were unable to identify an input value for the non-neoplastic polyp detection rate risk ratio (RR) for CADDIE™. Therefore, as for other interventions for which this model input could not be parametrised, in the base case, the non-neoplastic polyp detection rate RR was assumed to be equal to the input value for the comparator arm. However, a scenario analysis was also conducted in which the non-neoplastic polyp detection rate RR was aligned with the ENDO-AID™ technology, the intervention with the highest non-neoplastic polyp detection rate.

The EAG was also unable to identify an adenoma miss rate (AMR) RR; therefore, the scenario analysis conducted for some other interventions, in which CAdE sensitivity was parametrised based on AMR rather than ADR, could not be performed.

Odin Vision provided costs for three-year and five-year contracts. The three-year contract incurred an upfront cost of £11,986.27, with additional annual software and maintenance costs of £6,488.78 and £2,242.89, respectively. The five-year contract incurred an upfront cost of £9,028.61, with annual software costs of £4,882.63, and the same annual maintenance cost as the three-year contract. Odin Vision also provided costs for a one-year contract, but stated that this would be unlikely to be used in an NHS context.

Since the five-year contract resulted in the lowest cost per year, the EAG chose to use this pricing framework for the analysis. Using the costing assumptions detailed in Section 4.2.1.10.2 of the main report, this resulted in an average cost of £10.45 per colonoscopy for the technology.

1.2 Results

Results for the economic analysis for CADDIE™ are presented in the following sections. Incremental net health benefit (NHB) calculations have been carried out assuming a willingness-to-pay (WTP) threshold of £30,000/quality-adjusted life year (QALY).

1.2.1 Base case results

The probabilistic and deterministic base case results are presented in Table 2 and Table 3. The probabilistic and deterministic results are very similar; both show that use of CADDIE™ rather than colonoscopy without artificial intelligence (AI) leads to a small reduction in total costs, and a small increase in overall quality-adjusted life years (QALYs) and life years gained (LYG). However, similarly to the other interventions, the magnitude of the differences in results compared to colonoscopy without AI is negligible.

The probabilistic and deterministic change in the number of procedures are presented in Table 4 and Table 5. Once again, the probabilistic and deterministic results are closely aligned. Overall, using CADDIE™ would be expected to result in a very small reduction in the number of therapeutic colonoscopies prior to diagnosis. The exploratory analysis of the impact on waiting times suggests that this would have a negligible impact on waiting times (a reduction of less than one day).

The probabilistic results are shown as a scatter plot in the cost-effectiveness (CE) plane in Figure 1, and a cost-effectiveness acceptability curve (CEAC) in Figure 2. As the WTP threshold increases, the probability of CADDIE™ being cost-effective rapidly converges to just over 50%. A convergence plot for the probabilistic analysis is given in Figure 3, showing good convergence with 1,000 iterations.

Table 2. Probabilistic cost-effectiveness results for CADDIE™

Technology	Total Costs	Total QALYs	Total LYG	Incremental costs vs colonoscopy without AI	Incremental QALYs vs colonoscopy without AI	Incremental LYG vs colonoscopy without AI *	ICER vs colonoscopy without AI (£/QALY)	Incremental NHB vs colonoscopy without AI
Colonoscopy without AI	£3,171.62	10.981	14.061					
CADDIE™	██████	██████	██████	██████	██████	██████	Dominant	0.008

Footnote: * Undiscounted total and incremental LYG is presented to aid interpretability; all other results are discounted at a rate of 3.5% per year.
Abbreviations: AI, artificial intelligence; ICER, incremental cost-effectiveness ratio; LYG, life years gained; NHB, net health benefit; QALY, quality-adjusted life year.

Table 3. Deterministic cost-effectiveness results for CADDIE™

Technology	Total Costs	Total QALYs	Total LYG	Incremental costs vs colonoscopy without AI	Incremental QALYs vs colonoscopy without AI	Incremental LYG vs colonoscopy without AI *	ICER vs colonoscopy without AI (£/QALY)	Incremental NHB vs colonoscopy without AI
Colonoscopy without AI	£3,164.39	10.932	14.042					
CADDIE™		██████	██████	██████	██████	██████	Dominant	0.009

Footnote: * Undiscounted total and incremental LYG is presented to aid interpretability; all other results are discounted at a rate of 3.5% per year.
Abbreviations: AI, artificial intelligence; ICER, incremental cost-effectiveness ratio; LYG, life years gained; NHB, net health benefit; QALY, quality-adjusted life year.

Table 4. Probabilistic results: change in number of procedures for CADDIE™

Absolute number of index colonoscopies					Incremental number of index colonoscopies vs colonoscopy without AI				Change in waiting time (weeks) [†]
Technology	Total*	Diagnostic	Therapeutic	Polypectomies with no underlying pathology	Total*	Diagnostic colonoscopies	Therapeutic colonoscopies	Polypectomies with no underlying pathology	
Colonoscopy without AI	1.109	0.650	0.447	0.090					
CADDIE™	■	■	■	■	■	■	■	■	■

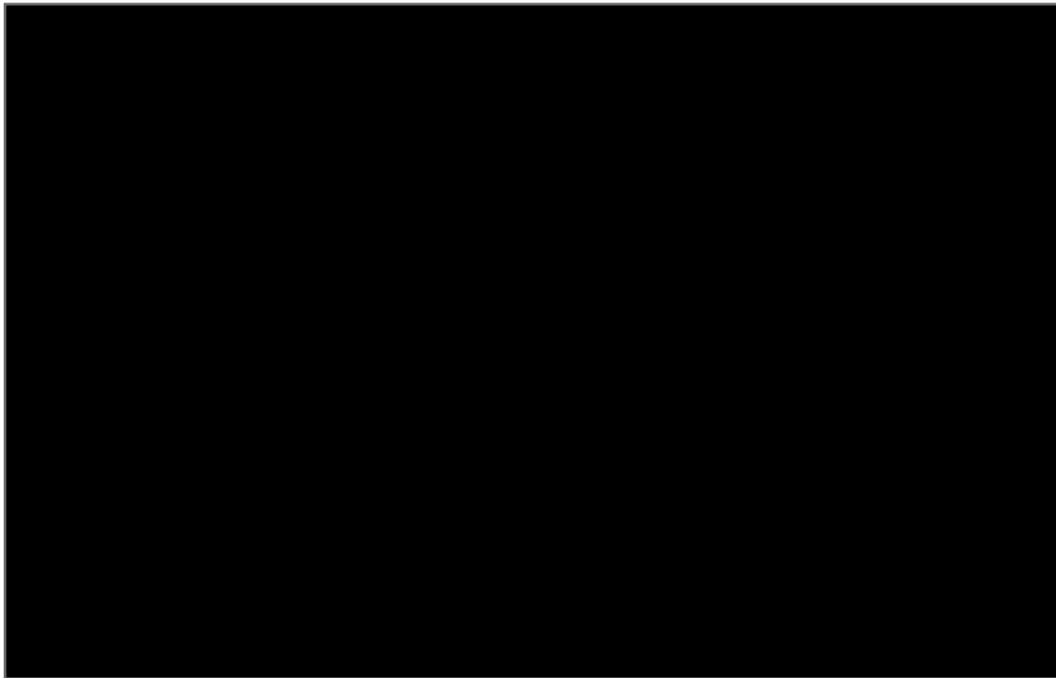
Abbreviations: AI, artificial intelligence.

Table 5. Deterministic results: change in number of procedures for CADDIE™

Absolute number of index colonoscopies					Incremental number of index colonoscopies vs colonoscopy without AI				Change in waiting time (weeks) [†]
Technology	Total*	Diagnostic	Therapeutic	Polypectomies with no underlying pathology	Total*	Diagnostic colonoscopies	Therapeutic colonoscopies	Polypectomies with no underlying pathology	
Colonoscopy without AI	1.109	0.650	0.447	0.090					
CADDIE™	■	■	■	■	■	■	■	■	■

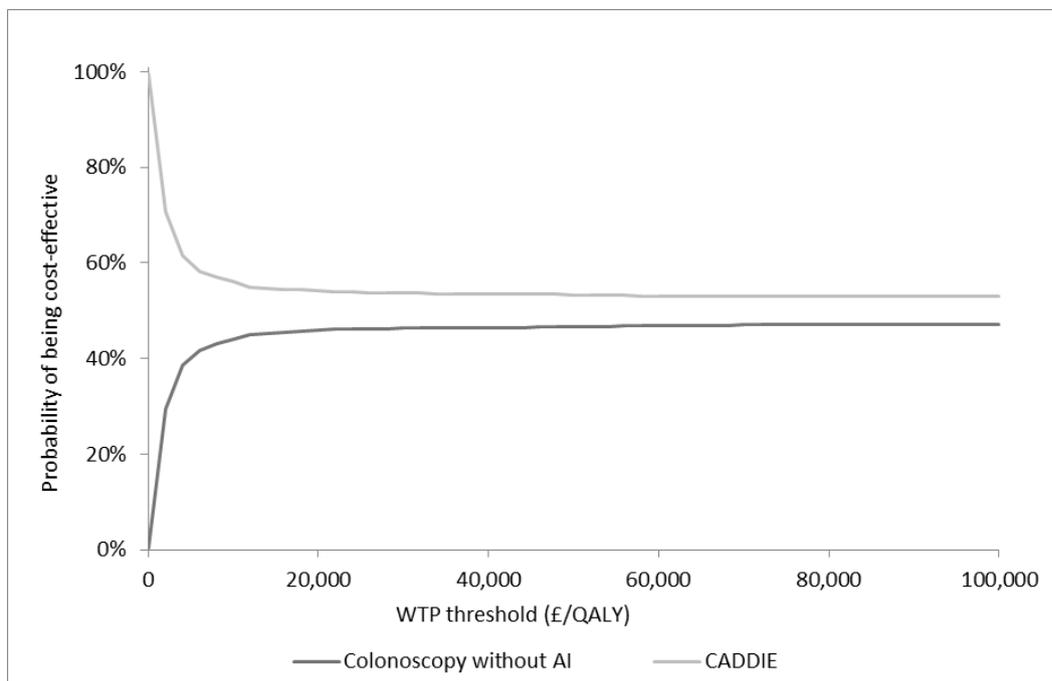
Abbreviations: AI, artificial intelligence.

Figure 1. CADDIE™ vs colonoscopy without AI cost-effectiveness plane



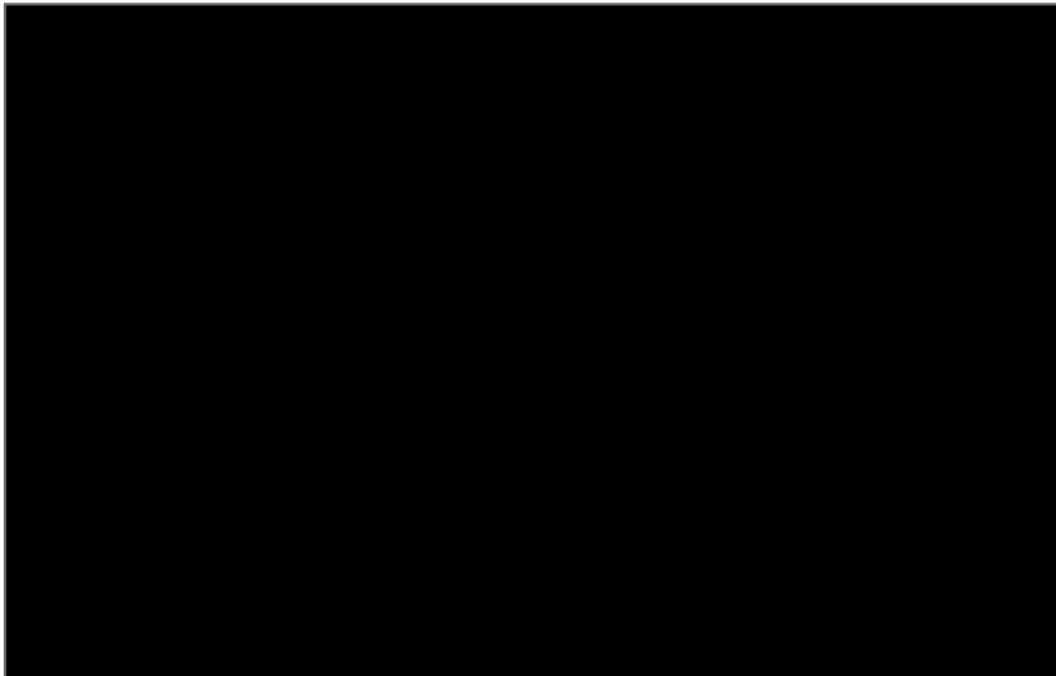
Abbreviations: AI, artificial intelligence; QALY, quality-adjusted life year; WTP, willingness-to-pay.

Figure 2. CADDIE™ vs colonoscopy without AI CEAC



Abbreviations: AI, artificial intelligence; CEAC, cost-effectiveness acceptability curve; QALY, quality-adjusted life year.

Figure 3. CADDIE™ vs colonoscopy without AI incremental NHB convergence plot



Abbreviations: AI, artificial intelligence; CI, confidence interval; NHB, net health benefit.

1.2.2 *Deterministic sensitivity analysis*

Results for the deterministic sensitivity analysis (DSA) are presented as tornado plots in the figures below. Similar to other interventions, the model parameters to which NHB is most sensitive are the long-term QALY payoffs for patients with low-risk adenomas (LRA) and advanced adenomas (AA). This is due to the fact that the benefits of the CADE functionality are mostly related to the avoidance of long-term negative outcomes due to delayed diagnosis of underlying conditions, specifically related to polyp detection (i.e., not detecting inflammatory bowel disease [IBD] or colorectal cancer [CRC]). Since the incremental QALYs were very small, changes to the long-term QALY payoffs had a relatively large impact on the incremental QALYs, and hence to the overall incremental cost-effectiveness ratio (ICER) and NHB.

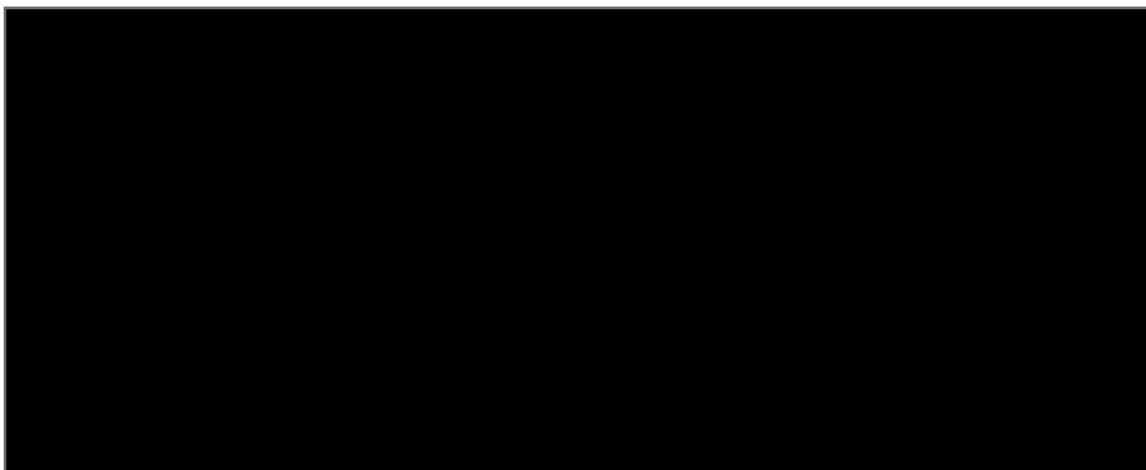
Figure 4. CADDIE™ vs colonoscopy without AI incremental NHB tornado plot



Footnote: the lower and upper bounds used to generate results were aligned with the endpoints of the 95% confidence interval, where available; otherwise, a 95% confidence interval was estimated by assuming a standard error of 20% of the mean value.

Abbreviations: AA, advanced adenoma; AI, artificial intelligence; CRC, colorectal cancer; LRA, low-risk adenoma; LT, long-term; NHB, net health benefit; QALY, quality-adjusted life year; RR, risk ratio.

Figure 5. CADDIE™ vs colonoscopy without AI incremental costs tornado plot



Footnote: the lower and upper bounds used to generate results were aligned with the endpoints of the 95% confidence interval, where available; otherwise, a 95% confidence interval was estimated by assuming a standard error of 20% of the mean value.

Abbreviations: AA, advanced adenoma; AI, artificial intelligence; CRC, colorectal cancer; LRA, low-risk adenoma; LT, long-term; NSBP, no significant bowel pathology; RR, risk ratio.

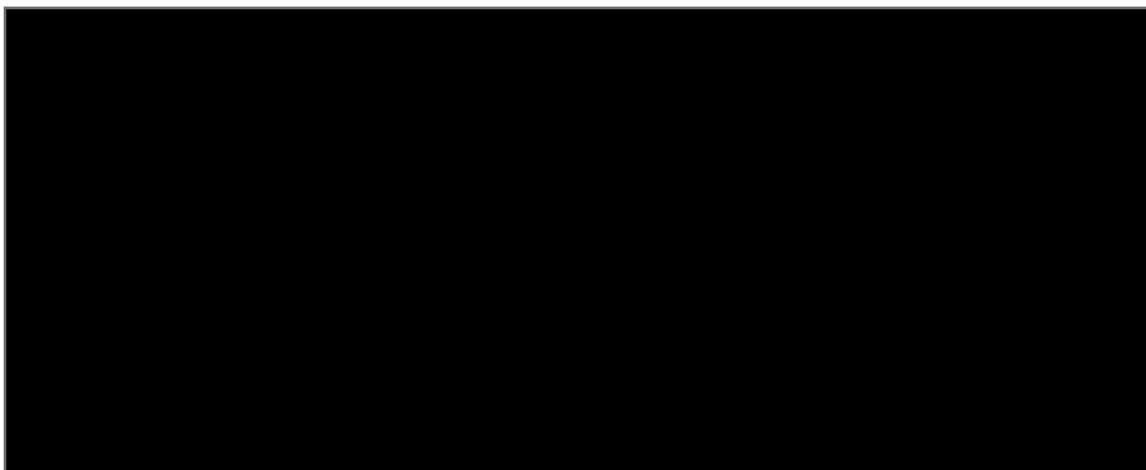
Figure 6. CADDIE™ vs colonoscopy without AI incremental QALYs tornado plot



Footnote: the lower and upper bounds used to generate results were aligned with the endpoints of the 95% confidence interval, where available; otherwise, a 95% confidence interval was estimated by assuming a standard error of 20% of the mean value.

Abbreviations: AA, advanced adenoma; AI, artificial intelligence; CRC, colorectal cancer; LRA, low-risk adenoma; LT, long-term; NSBP, no significant bowel pathology; QALY, quality-adjusted life year; RR, risk ratio.

Figure 7. CADDIE™ vs colonoscopy without AI incremental LYG tornado plot



Footnote: the lower and upper bounds used to generate results were aligned with the endpoints of the 95% confidence interval, where available; otherwise, a 95% confidence interval was estimated by assuming a standard error of 20% of the mean value.

Abbreviations: AA, advanced adenoma; AI, artificial intelligence; CRC, colorectal cancer; LRA, low-risk adenoma; LT, long-term; LYG, life years gained; NSBP, no significant bowel pathology; RR, risk ratio.

1.2.3 Subgroup analyses

Subgroup analyses were conducted for the screening, symptomatic/diagnostic, and surveillance populations; results are presented in Table 6. Subgroup analyses have been presented deterministically, due to time constraints; however, for the base case, the probabilistic results are

generally closely aligned with the deterministic results, and the same is expected to be true of the subgroup and scenario analyses.

For the screening and symptomatic populations, outcomes were very similar to the full population, albeit with a very small reduction in cost savings and QALY gains. However, in the surveillance population, the cost savings and QALY gains were much greater than for the full population, suggesting that the benefits of CADDIE™ might be more fully realised in the surveillance population.

Table 6. Deterministic subgroup analyses: cost-effectiveness results vs colonoscopy without AI for CADDIE™

Subgroup	Incremental costs (£)	Incremental QALYs	Incremental LYG*	ICER (£/QALY)	Incremental NHB
Full population	████	██	██	Dominant	0.009
Screening	████	██	██	Dominant	0.002
Symptomatic/ diagnostic	████	██	██	Dominant	0.003
Surveillance	████	██	██	Dominant	0.100

Abbreviations: ICER, incremental cost-effectiveness ratio; LYG, life years gained; NHB, net health benefit; QALY, quality-adjusted life year.

1.2.4 Scenario analyses

The scenario analyses presented in the main DAR and in the first addendum to the DAR (October 2025) were rerun for CADDIE™, with the exception of scenario 6 from the DAR (CADe sensitivity of interventions calculated using AMR), which was excluded, as no AMR data were available for CADDIE™. Detailed descriptions of each scenario are given in Section 4.2.1.15 of the main DAR and Section 2 of the first addendum to the DAR.

Similar to the other interventions, all scenario analyses gave results very similar to the base case; CADDIE™ consistently dominated colonoscopy without AI, although the cost reductions and increase in QALYs and LYG were very small. In particular, the use of alternative polyp management strategies did not substantially affect the cost-effectiveness results. The exploratory analyses, which included the impact of the CADx functionality of CADDIE™, were also very similar to the base case results, suggesting that the CADx functionality has a relatively small impact on cost-effectiveness.

Table 7. Deterministic scenario analysis results for CADDIE™

Scenario	Deterministic ICER vs colonoscopy without AI	Deterministic NHB vs colonoscopy without AI
Base case	Dominant	0.009
1a. Diagnose-and-leave polyp management strategy	Dominant	0.006
1b. Diagnose-and-leave (high-confidence) polyp management strategy	Dominant	0.007
2. Resect-and-discard polyp management strategy	Dominant	0.009
3a. <i>Diagnose-and-leave polyp management strategy with CADx*</i>	Dominant	0.004
3b. <i>Diagnose-and-leave (high-confidence) polyp management strategy with CADx*</i>	Dominant	0.003
4. <i>Resect-and-discard polyp management strategy with CADx*</i>	Dominant	0.009
5. Alternative values for sensitivity of detection for colonoscopy without AI	Dominant	0.014
7. CADe sensitivity of interventions calculated using APC	Dominant	0.012
8a. Alternative rate of CRC detection: 100% for all technologies	Dominant	0.009
8b. Alternative rate of CRC detection: 90% for all technologies	Dominant	0.009
8c. Alternative rate of CRC detection: informed by ADR RR	Dominant	0.010
9a. Alternative rate of IBD detection: 100% for all technologies	Dominant	0.009
9b. Alternative rate of IBD detection: 80% for all technologies	Dominant	0.009
10. Alternative values for sensitivity of detection for AA for missing values	Dominant	0.003
11. Alternative approach to parametrising unnecessary polyp removal for missing values	Dominant	0.009
12. Alternative costing for failed initial colonoscopies: 0% of diagnostic colonoscopy cost	Dominant	0.009
13a. Alternative proportion of patients receiving secondary therapeutic colonoscopies: 0%	Dominant	0.009
13b. Alternative proportion of patients receiving secondary therapeutic colonoscopies: 50%	Dominant	0.009
13c. Alternative proportion of patients receiving secondary therapeutic colonoscopies: informed by ADR RR	Dominant	0.009
14a. Alternative expected lifetime of AI technologies: three years	Dominant	0.009
14b. Alternative expected lifetime of AI technologies: five years	Dominant	0.009
14c. Alternative expected lifetime of AI technologies: ten years	Dominant	0.009
15. AE costs removed for patients who die	Dominant	0.009
16*. Resect-and-discard polyp management strategy with updated histopathology cost	Dominant	0.009

17*. <i>Resect-and-discard polyp management strategy with CADx, and updated histopathology cost*</i>	Dominant	0.009
18*. Alternative failure rate for index colonoscopy	Dominant	0.008

Footnote: *Scenarios 16, 17 and 18 were included as additional scenario analyses in the first DAR addendum.

Abbreviations: AA, advanced adenoma; AE, adverse event; AI, artificial intelligence; ADR, adenoma detection rate; APC, adenomas per colonoscopy; CADx, computer-aided diagnosis; CRC, colorectal cancer; DAR, diagnostic assessment report; IBD, inflammatory bowel disease; ICER, incremental cost-effectiveness ratio; NHB, net health benefit; RR, risk ratio.

2 References

1. Ahmad A, Wilson A, Haycock A, Humphries A, Monahan K, Suzuki N, et al. Evaluation of a real-time computer-aided polyp detection system during screening colonoscopy: AI-DETECT study. *Endoscopy* 2023; **55**: 313-9.
2. Scholer J, Alavanja M, de Lange T, Yamamoto S, Hedenstrom P, Varkey J. Impact of AI-aided colonoscopy in clinical practice: a prospective randomised controlled trial. *BMJ open gastroenterology* 2024; **11**: e001247.
3. Nakashima H, Kitazawa N, Fukuyama C, Kawachi H, Kawahira H, Momma K, et al. Clinical Evaluation of Computer-Aided Colorectal Neoplasia Detection Using a Novel Endoscopic Artificial Intelligence: A Single-Center Randomized Controlled Trial. *Digestion* 2023; **104**: 193-201.
4. Tiankanon K, Aniwat S, Kerr SJ, Mekritthikrai K, Kongtab N, Wisedopas N, et al. Improvement of adenoma detection rate by two computer-aided colonic polyp detection systems in high adenoma detectors: a randomized multicenter trial. *Endoscopy* 2024; **56**: 273-82.
5. Djinbachian R, Haumesser C, Taghiakbari M, Pohl H, Barkun A, Sidani S, et al. Autonomous Artificial Intelligence vs Artificial Intelligence-Assisted Human Optical Diagnosis of Colorectal Polyps: A Randomized Controlled Trial. *Gastroenterology* 2024; **167**: 392-9.e2.
6. Odin Medical Ltd. Clinical Investigation Report - EAGLE Trial_CONFIDENTIAL. 2024.
7. Odin Vision. Clinical Investigation Report - CADDIE Trial_CONFIDENTIAL. 2023.