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# Colonoscopy Clinical Care Standard

## Consultation draft

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DRAFT

# 1 Colonoscopy Clinical Care Standard

## 2 1. Initial assessment and referral

3 When a patient is referred for consideration of colonoscopy, the referral document provides  
4 sufficient information for the colonoscopist to assess the appropriateness, risk and urgency of the  
5 procedure.

## 6 2. Appropriate and timely colonoscopy

7 A patient is offered timely colonoscopy for bowel cancer screening, surveillance, or the  
8 investigation of signs or symptoms of bowel disease, consistent with evidence-based guidelines.  
9 Decisions should be made in the context of the patient's ability to tolerate the bowel preparation  
10 and the procedure, and their likelihood of benefit. If colonoscopy is not indicated, the patient and  
11 their referring clinician are advised of the alternative management approach for the patient's clinical  
12 situation.

## 13 3. Informed decision-making and consent

14 Before starting bowel preparation, a patient receives comprehensive consumer-appropriate  
15 information about the bowel preparation, the procedure, and sedation or anaesthesia. They are  
16 provided an opportunity to discuss the reason for the colonoscopy, its benefits, risks and financial  
17 costs, and alternative options before deciding to proceed. Their understanding is assessed and  
18 their informed decision and consent, and the information provided to them, are documented.

## 19 4. Bowel preparation

20 A patient booked for colonoscopy is provided with consumer-appropriate instructions on how to  
21 obtain and use a bowel preparation product and dosing regimen suitable to their needs and co-  
22 morbidities. The importance of good bowel preparation for a quality colonoscopy is discussed with  
23 the patient, and their understanding is confirmed.

## 24 5. Sedation

25 Before colonoscopy, a patient is assessed by an appropriately trained clinician to identify any  
26 increased risk, including cardiovascular, respiratory or airway compromise. The sedation is planned  
27 accordingly. The risks and benefits of sedation are discussed with the patient. Sedation is  
28 administered and the patient is monitored throughout the procedure and recovery period in  
29 accordance with the Australian and New Zealand College of Anaesthetists' *Guidelines on Sedation  
30 and/or Analgesia for Diagnostic and Interventional Medical, Dental or Surgical Procedures*.

## 31 6. Clinicians

32 A patient's colonoscopy is performed by a credentialed clinician working within their scope of  
33 clinical practice, who meets the requirements of an accepted certification and recertification  
34 process. Sedation or anaesthesia, and clinical support are provided by credentialed clinicians  
35 working within their scope of clinical practice.

## 36 7. Procedure

37 When a patient is undergoing colonoscopy their entire colon – including the caecum and/or terminal  
38 ileum – is examined carefully and systematically. The adequacy of bowel preparation, clinical  
39 findings, biopsies, polyps removed, therapeutic interventions and details of any adverse events are  
40 documented. All biopsies and polyps removed are submitted for histological examination.

## 41 8. Discharge

42 Following recovery, the preliminary outcomes of the procedure, the nature of any therapeutic  
43 interventions and adverse events, and arrangements for initial follow up, are discussed with the  
44 patient and provided in writing to them before discharge. The patient is discharged into the care of  
45 a responsible adult when it is safe to do so.

## 46 9. Reporting and follow up

47 Following colonoscopy and subsequent review of any histology results, the colonoscopist prepares  
48 a report that includes their findings, follow-up recommendations and arrangements.  
49 Recommendations for surveillance colonoscopy, if required, are consistent with evidence-based  
50 guidelines. If more immediate treatment or follow-up is needed, appropriate arrangements are  
51 made by the colonoscopist. The report is provided to the general practitioner, any other relevant  
52 clinician and the patient.

## 53 About the clinical care standards

54 Clinical care standards aim to support the delivery of appropriate evidence-based clinical  
55 care, and promote shared decision making between patients, carers and clinicians.

56 A clinical care standard is a small number of quality statements that describe the clinical  
57 care that a patient should be offered for a specific clinical condition. The quality statements  
58 are linked to a number of indicators that can be used by health services to monitor how well  
59 they are implementing the care recommended in the clinical care standard. A clinical care  
60 standard differs from a clinical practice guideline; rather than describing all the components  
61 of care for managing a clinical condition, the quality statements address priority areas for  
62 improvement.

63 Each clinical care standard intends to support key groups of people in the healthcare system  
64 in the following ways:

- 65 • The public will have a better understanding of what care should be offered by the  
66 healthcare system, and will be better able to make informed treatment decisions in  
67 partnership with their clinician
- 68 • Clinicians will be better able to make decisions about appropriate care
- 69 • Health services will be better able to examine the performance of their organisation  
70 and make improvements in the care they provide.

71 This clinical care standard was developed by the Australian Commission on Safety and  
72 Quality in Health Care (the Commission) following consultation and development of a  
73 national safety and quality model for colonoscopy (the safety and quality model). This clinical  
74 care standard is an element of the safety and quality model, and was developed in  
75 collaboration with consumers, clinicians, researchers and health organisations. Many of  
76 these groups participated in the Colonoscopy Clinical Care Standard Topic Working Group,  
77 or in the consultations on the safety and quality model. The clinical care standard  
78 complements existing efforts that support care of patients undergoing colonoscopy for  
79 screening and diagnostic purposes, including state and territory-based initiatives.

80 For more information about the development of this clinical care standard and the indicators,  
81 visit: [www.safetyandquality.gov.au/ccs](http://www.safetyandquality.gov.au/ccs).

82

83

## 84 Introduction

### 85 Context

86 Colonoscopy refers to the examination of the entire large bowel using a camera on a flexible  
87 tube, or colonoscope.<sup>1</sup> It is a complex task that requires the colonoscopist to manipulate the  
88 colonoscope effectively in order to visualise the bowel, while performing therapeutic  
89 interventions when necessary – such as removing polyps or tissue samples.

90 Colonoscopy may be performed for people with symptoms and signs of bowel disease,  
91 people at risk of bowel cancer (including follow-up diagnostic assessment after a positive  
92 screening test and regular screening for people who are in a high-risk category due to family  
93 history), or for surveillance in people with previous pathology. Evidence-based guidelines  
94 describe the indications for colonoscopy in each of these groups and how frequently it  
95 should occur.

96 Bowel cancer is the second most common cancer diagnosed in both men and women in  
97 Australia, which has one of the highest rates of bowel cancer in the world.

98 In Australia, screening for bowel cancer for most people occurs through faecal occult blood  
99 testing, either through the National Bowel Cancer Screening Program (NBCSP) or when the  
100 test is requested as a Medicare-subsidised test by a clinician. For people whose personal  
101 and/or family health history puts them at significantly higher than average risk of bowel  
102 cancer, screening is by colonoscopy.

103 People who have a positive result on the screening faecal occult blood test are referred for  
104 further diagnostic assessment, which for most people will include a colonoscopy. Planned  
105 expansion of the NBCSP means that by 2020, all eligible Australians aged between 50 and  
106 74 will be invited to screen every two years, with an associated increase in the number of  
107 diagnostic colonoscopies.<sup>2</sup>

108 The quality of colonoscopy is critical to the early detection and treatment of bowel cancer.  
109 Using colonoscopy, it is possible to detect and remove growths in the bowel (such as polyps  
110 and adenomas) which may be pre-cancerous, therefore reducing the risk that they will  
111 develop into bowel cancer. Identifying these growths also helps indicate who will benefit from  
112 closer surveillance.

113 The quality of colonoscopy is also important for minimising the risk of complications from the  
114 procedure. Complications of the procedure include perforation and bleeding. Complications  
115 can also occur as a result of preparation for the procedure, or the administration of sedation  
116 or anaesthesia. The risk of serious complications following colonoscopy is estimated to be  
117 2.8 per 1,000 examinations.<sup>3</sup> Complications resulting in hospitalisation occur in  
118 approximately 2 per 1,000 procedures.<sup>4</sup> The mortality rate is estimated to be 0.007 per cent.<sup>5</sup>

119 More than 900,000 colonoscopies are performed in Australia annually. Between 20% and  
120 25% are performed in public hospitals, with the remainder performed in private hospitals and  
121 day procedure centres. A relatively small proportion (4.7% in 2015)<sup>\*</sup> is performed on people  
122 who have received a positive faecal occult blood test through the NBCSP.

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\* Medicare data, Australian Government Department of Health

123 Despite the large number of procedures performed annually, there is considerable  
124 geographic variation in diagnostic colonoscopy, with up to a 30-fold variation in rates of  
125 MBS-funded colonoscopies across Australia.<sup>6</sup>

126 In 2016 and 2017, a safety and quality model for colonoscopy was developed by the  
127 Commission through national consultation and agreement with the public and private  
128 hospital sectors, clinical colleges and societies, and consumers. Its development was funded  
129 by the Australian Government Department of Health. The safety and quality model  
130 comprises three elements:

- 131 • A Colonoscopy Clinical Care Standard (this document)
- 132 • Initial certification, and periodic re-certification of colonoscopists' performance, in  
133 accordance with defined quality indicators and performance targets (as determined  
134 by the Conjoint Committee for the Recognition of Training in Gastrointestinal  
135 Endoscopy)
- 136 • Implementation of the Colonoscopy Clinical Care Standard in public and private  
137 hospitals and day procedure centres.

138 In November 2017, the Cancer Council Australia published the *Clinical practice guidelines*  
139 *for the prevention, early detection and management of colorectal cancer*. The guidelines'  
140 recommendations were approved by the Chief Executive Officer of the National Health and  
141 Medical Research Council (NHMRC) on 27 October 2017 under section 14A of the *National*  
142 *Health and Medical Research Council Act 1992*, and can be accessed at:  
143 [http://wiki.cancer.org.au/australia/Guidelines:Colorectal\\_cancer](http://wiki.cancer.org.au/australia/Guidelines:Colorectal_cancer)

## 144 **Goal**

145 The goal of the clinical care standard is to ensure the safe and appropriate use of  
146 colonoscopy, and to maximise patients' likelihood of benefit from the procedure while  
147 reducing their risk of avoidable harm.

## 148 **Scope**

149 The Colonoscopy Clinical Care Standard relates to the care of adult patients undergoing  
150 colonoscopy for screening, diagnosis, surveillance, and/or treatment. It covers the period  
151 from when a patient is referred for consideration of colonoscopy through to the planning of  
152 follow-up after the procedure. The Colonoscopy Clinical Care Standard is relevant to the  
153 care provided in primary and acute healthcare settings including general practice, day  
154 procedure services, private hospitals and public healthcare services.

## 155 **Using the clinical care standard**

### 156 **Related standards and guidelines**

157 Implementation of the Colonoscopy Clinical Care Standard should be undertaken within the  
158 context and requirements of the National Safety and Quality Health Service (NSQHS)  
159 Standards and other relevant standards and guidelines for health service organisations and  
160 clinicians providing colonoscopy services.

### 161 **The National Safety and Quality Health Service (NSQHS) Standards**

162 The National Safety and Quality Health Service (NSQHS) Standards were developed by the  
163 Commission in collaboration with the Australian Government, states and territories, clinical  
164 experts, patients and carers. The primary aims of the NSQHS Standards are to protect the

165 public from harm and to improve the quality of health service provision. They provide a  
166 quality-assurance mechanism that tests whether relevant systems are in place to ensure  
167 expected standards of safety and quality are met.

168 The first edition of the NSQHS Standards, which was released in 2011, has been used to  
169 assess health service organisations since January 2013. The second edition of the NSQHS  
170 Standards will be released in November 2017, and health service organisations will be  
171 assessed against the new standards from January 2019.

172 In the second edition of the NSQHS Standards, the Clinical Governance Standard and  
173 Partnering with Consumers Standard combine to form the clinical governance framework for  
174 all health service organisations.

175 The Clinical Governance Standard aims to ensure that there are systems in place within  
176 health service organisations to maintain and improve the reliability, safety and quality of  
177 health care.

178 The Partnering with Consumers Standard aims to ensure that consumers are partners in the  
179 design, delivery and evaluation of healthcare systems and services, and that patients are  
180 given the opportunity to be partners in their own care.

181 It is expected that colonoscopy will be provided by a health service organisation that has  
182 been assessed to the NSQHS Standards.

183 Under the NSQHS Standards (2nd ed.), health service organisations providing colonoscopy  
184 will be expected to support clinicians to use the best available evidence, including the  
185 Colonoscopy Clinical Care Standard (action 1.27b in the second edition of the NSQHS  
186 Standards).

187 Health service organisations are expected to implement the NSQHS Standards in a manner  
188 that suits the services provided and their associated risks. Individual standards within the  
189 second edition of the NSQHS Standards that are particularly relevant to the safety and  
190 quality of colonoscopy services, and their associated actions, are as follows:

- 191 • The Clinical Governance Standard, including actions related to:
  - 192 – governance, leadership and culture (for example, action 1.1)
  - 193 – safety and quality monitoring, including incident reporting systems
- 194 • policies and procedures (for example 1.7)
  - 195 – credentialling and scope of clinical practice (1.23 and 1.24)
  - 196 – evidence-based care (1.27)
  - 197 – variation in clinical practice and health outcomes (1.28)
  - 198 – safe environment (1.29) including for Aboriginal and Torres Strait Islander  
199 people (1.33)
- 200 • The Partnering with Consumers Standard, including actions related to:
  - 201 – informed consent (2.4)
  - 202 – information for consumers (2.9) and communication of clinical information (2.10)
- 203 • The Preventing and Controlling Healthcare-Associated Infection Standard,  
204 including actions related to:
  - 205 – infection prevention and control systems (3.5–3.13)
  - 206 – Reprocessing of reusable medical devices (3.14)
- 207 • The Communicating for Safety Standard, including actions related to:
  - 208 – communication of critical information
  - 209 – documentation of information
- 210 • The Recognising and Responding to Acute Deterioration Standard, including  
211 actions related to:
  - 212 – responding to deterioration.

## 213 **Competencies and service capability**

214 This clinical care standard recognises that safety and quality of care may be at risk if the  
215 workforce does not have the appropriate skills or experience.<sup>8</sup> The medical, procedural, and  
216 sedation/anaesthetic competencies required for high-quality and safe colonoscopy should be  
217 considered as part of health care organisations' clinical services planning.<sup>9, 10</sup> For  
218 colonoscopy, health services should take into account the work of the Conjoint Committee  
219 for the Recognition of Training in Gastrointestinal Endoscopy (CCRTGE) – a national body  
220 comprising representatives of the Royal Australasian College of Physicians (RACP), the  
221 Gastroenterological Society of Australia (GESA), and the Royal Australasian College of  
222 Surgeons (RACS) – and the requirements of individual professional organisations.

## 223 **Credentialing, certification and re-certification of colonoscopists**

224 The Conjoint Committee for the Recognition of Training in Gastrointestinal Endoscopy  
225 (CCRTGE) has offered a program for recognising training in endoscopy and colonoscopy for  
226 some years.

227 Recently, the Gastroenterological Society of Australia (GESA) introduced a voluntary  
228 triennial re-certification program in colonoscopy, designed to support practitioners to:

- 229 • Maintain their expertise in colonoscopy
- 230 • Continue to develop their skills through subsidised training opportunities
- 231 • Increase safety standards and the quality of care being delivered to patients.

232 In May 2016, the Colorectal Surgical Society of Australia and New Zealand (CSSANZ)  
233 endorsed the GESA voluntary recertification program for its members. The standards and  
234 quality indicators supported by the GESA and CSSANZ are expected to form the basis of the  
235 specifications for the re-certification of medical colonoscopists.

## 236 **Indicators to support local monitoring**

237 The Commission has identified a set of indicators to support healthcare providers and local  
238 health services to monitor how well they implement the care described in the clinical care  
239 standard. The indicators are a tool to support local clinical quality-improvement activities.  
240 Some of the indicators identified may also be relevant to quality assurance and peer review  
241 activities, including performance indicators for certification and recertification.

242 The process to develop the indicators specified in this document comprised:

- 243 • An environmental scan of existing local and international indicators
- 244 • Prioritisation, review and refinement of the indicators with the Colonoscopy Clinical  
245 Care Standard Topic Working Group.

246 The clinical care standard indicators are intended to align with the safety and quality model  
247 and the recertification indicators being developed through the CCRTGE.

## 248 **Supporting documents**

249 The following supporting information for this clinical care standard is available on the  
250 Commission's website at [www.safetyandquality.gov.au/ccs](http://www.safetyandquality.gov.au/ccs):

- 251 • A consumer fact sheet
- 252 • A clinician fact sheet.

253

## 254 Quality statement 1 – Initial assessment and 255 referral

256 When a patient is referred for consideration of colonoscopy, the referral document  
257 provides sufficient information for the colonoscopist to assess the appropriateness,  
258 risk and urgency of the procedure.

### 259 Purpose

260 To ensure referrals for colonoscopy are appropriate, well documented and enable a  
261 response consistent with evidence-based guidelines.

### 262 What the quality statement means

263 **For patients.** There are a number of reasons you could be referred so that a colonoscopy  
264 can be considered. Your general practitioner or another clinician will refer you if they think  
265 that you may benefit from this procedure. They should take into account evidence-based  
266 guidelines about who should have a colonoscopy, your physical and medical condition, the  
267 possible risks, and whether you are willing to have the procedure. When the clinician or  
268 service who may conduct the colonoscopy receives the referral, they in turn, need to assess  
269 whether a colonoscopy is likely to help you, whether the likely benefits outweigh the risks,  
270 and how quickly you should be booked in for the procedure. In order for them to do this, your  
271 referral document should describe:

- 272 • The reason for considering a colonoscopy
- 273 • Your personal or family history of bowel cancer or other cancers, previous bowel  
274 polyps, and any other bowel problems, or and genetic conditions that increase your  
275 risk of bowel cancer
- 276 • Any current bowel symptoms
- 277 • Information on your other medical conditions, current medications and allergies
- 278 • The results of any investigations, including X-rays, blood tests or tests of your bowel  
279 motions (faeces), previous colonoscopies and polyp results.

280 The clinician who writes the referral will explain what you need to do about the referral. It is  
281 important that you know how soon to have the assessment, and what to do if you are unable  
282 to get an appointment within that time.

283 **For clinicians.** When referring a patient for consideration of colonoscopy, document in your  
284 referral all relevant medical and family history, including of bowel and other cancers, known  
285 genetic predispositions, the results of investigations, including previous colonoscopy reports  
286 and histopathology results, why you think a colonoscopy may be indicated and the urgency  
287 of the referral. If a colonoscopy is indicated by evidence-based guidelines (such as the  
288 Cancer Council Australia's [Clinical practice guidelines for the prevention, early detection and  
289 management of colorectal cancer](#)<sup>7</sup>, and [Clinical Practice Guidelines for Surveillance  
290 Colonoscopy](#))<sup>11</sup> consider co-morbidities and current medications, and discuss with the  
291 patient the risks and benefits and their willingness to undergo the procedure. Advise the  
292 patient that the specialist receiving the referral will assess the risks and benefits of the  
293 procedure for them individually before undertaking the colonoscopy. Provide clear  
294 instructions to the patient on what they need to do to act on the referral, the degree of  
295 urgency, and what to do if they cannot get an appointment in the recommended timeframe.

296 **For health services.** Referring services should use consistent processes for referring  
297 patients for colonoscopy; consider standard templates where relevant. Health services

298 providing colonoscopies should ensure that clear referral guidelines are available for  
299 referring clinicians. Identify the type and format of clinical information referring clinicians  
300 need to provide, which should include the indication for colonoscopy. Templates may assist.  
301 Ensure that procedures for the receipt, acknowledgement, prioritisation and management of  
302 referrals are in place. Ensure that policies support the triage of patients at risk of bowel  
303 cancer as described in the Cancer Council Australia's [Clinical practice guidelines for the](#)  
304 [prevention, early detection and management of colorectal cancer](#)<sup>7</sup>, and [Clinical Practice](#)  
305 [Guidelines for Surveillance Colonoscopy](#).<sup>11</sup>

306

307

## 308 Quality statement 2 – Appropriate and timely 309 colonoscopy

310 A patient is offered timely colonoscopy for bowel cancer screening, surveillance, or the  
311 investigation of signs or symptoms of bowel disease, consistent with evidence-based  
312 guidelines. Decisions should be made in the context of the patient's ability to tolerate the  
313 bowel preparation and the procedure, and their likelihood of benefit. If colonoscopy is not  
314 indicated, the patient and their referring clinician are advised of the alternative management  
315 approach for the patient's clinical situation.

### 316 Purpose

317 To ensure colonoscopy is offered to patients who are most likely to benefit from the  
318 procedure, in a timely manner according to their risk.

### 319 What the quality statement means

320 **For patients** Colonoscopy is the best procedure for looking at the inside of the bowel.  
321 However, this does not mean that it is right for everybody. You will be offered a colonoscopy  
322 if it is likely to benefit you. People who are likely to benefit include those at higher risk of  
323 bowel cancer. A check for bowel cancer could be recommended if you have a family history  
324 of bowel cancer, a genetic condition that increases your risk, symptoms that might indicate  
325 bowel cancer, previous bowel problems or if your clinician recommends it as a follow-up to  
326 other tests such as a faecal occult blood test. During the colonoscopy, your clinician can  
327 remove tissue and any visible growths (such as polyps) for testing. People with other bowel  
328 symptoms, or problems such as inflammatory bowel disease, may also benefit from a  
329 colonoscopy. When deciding whether a colonoscopy is right for you, you and your clinician  
330 also need to consider the risks for you of the bowel preparation, the procedure and sedation,  
331 taking into account your other medical conditions, medications and general health. You  
332 should also consider any risks of not having the procedure. It is important that you are  
333 offered colonoscopy according to your medical needs, and within the recommended  
334 timeframe.

335 **For clinicians.** Both referring clinicians and those receiving the referral should assess the  
336 patient to confirm the indication for colonoscopy and identify relevant risks and benefits,  
337 including whether there are risks associated with not having the procedure. Offer  
338 colonoscopy in accordance with evidence-based guidelines, and after assessing the  
339 patient's ability to tolerate the procedure and their likelihood of benefit. Take into account the  
340 recommendations of the Cancer Council Australia's [Clinical practice guidelines for the  
341 prevention, early detection and management of colorectal cancer](#)<sup>7</sup>, and [Clinical Practice  
342 Guidelines for Surveillance Colonoscopy](#)<sup>11</sup> regarding the timeliness of colonoscopy and  
343 frequency of screening in high-risk individuals. If colonoscopy is not appropriate, advise the  
344 patient and their referring clinician regarding alternative management.

345 **For health services.** Ensure that processes and policies support the performance of  
346 colonoscopy for a valid indication consistent with evidence-based guidelines and the  
347 National Bowel Cancer Screening Program Quality Framework.<sup>12</sup> Processes should support  
348 assessment of the patient's ability to tolerate the bowel preparation, the procedure and  
349 sedation, before colonoscopy is scheduled. Ensure clear diagnostic pathways for patients  
350 with suspected colorectal cancer and establish systems to support the use of triage criteria  
351 and timely colonoscopy as described in the Cancer Council Australia's [Clinical practice  
352 guidelines for the prevention, early detection and management of colorectal cancer](#)<sup>7</sup> which  
353 recommend a maximum time to colonoscopy of 120 days from first presentation in general

354 practice with either symptoms suggestive of colorectal cancer or a positive screening  
355 immunochemical faecal occult blood test.<sup>7</sup> If a patient referred for colonoscopy is assessed  
356 to be unsuitable or inappropriate, policies should ensure that this is communicated to the  
357 referring clinician.

358

## 359 Quality statement 3 – Informed decision-making and 360 consent

361 Before starting bowel preparation, a patient receives comprehensive consumer-appropriate  
362 information about the bowel preparation, the procedure, and sedation or anaesthesia. They  
363 are provided an opportunity to discuss the reason for the colonoscopy, its benefits, risks and  
364 financial costs, and alternative options before deciding to proceed. Their understanding is  
365 assessed and their informed decision and consent, and the information provided to them,  
366 are documented.

### 367 Purpose

368 To ensure each patient is provided with adequate information and opportunity to enable their  
369 fully informed decision about the risks and benefits of colonoscopy, before starting bowel  
370 preparation or any other part of the procedure, and before providing informed consent.

### 371 What the quality statement means

372 **For patients.** If your clinician recommends that you have a colonoscopy, you will need to  
373 decide whether to have the procedure and provide consent. Before providing consent, you  
374 need to understand what the procedure involves, including:

- 375 • Bowel preparation using diet, laxatives and fasting to clean your bowel before the  
376 procedure
- 377 • Sedation to reduce your discomfort during the procedure
- 378 • How the colonoscope is used to look at your bowel, and assist in removing any  
379 polyps.

380 You will be given information, as well as time and opportunity to discuss the procedure and  
381 ask questions so that you can make an informed decision. This will happen before you start  
382 the bowel preparation. Points you may wish to discuss include the reason for having the  
383 colonoscopy, the benefits to your health, the risks, any out-of-pocket costs, and any  
384 alternatives to having the procedure. You should also be informed of any risks associated  
385 with not having a colonoscopy. If you need an interpreter, this can be arranged. If you  
386 choose to have the procedure, your consent will be recorded in writing. At any time before  
387 the procedure, you may request more information or change your mind about whether you  
388 wish to proceed.

389 **For clinicians.** Provide the patient (or their responsible decision-maker where relevant) with  
390 comprehensive information about the bowel preparation, the procedure and sedation or  
391 anaesthesia, in a way that they can understand. Arrange an interpreter if required. Inform the  
392 patient of the reason for having the colonoscopy, its benefits, and the risks associated with  
393 each aspect of the procedure. Provide information about the financial costs, and the  
394 alternatives to having the colonoscopy, including any risks of not having the procedure.  
395 Provide adequate time for the patient to consider the information provided and ask  
396 questions. Respect and document the patient's decision and their informed consent in the  
397 medical record, with a description of the information discussed and provided to the patient.

398 **For health services.** Protocols should ensure that patients have the opportunity to  
399 participate in informed decision-making and allow for discussion and informed consent  
400 before commencing bowel preparation. Ensure that clear, written information is available for  
401 patients about bowel preparation, the procedure and associated sedation or anaesthesia.  
402 Ensure interpreter services are available. Ensure policies and procedures support the  
403 principles and practices of informed consent.

## 404 Quality statement 4 – Bowel preparation

405 A patient booked for colonoscopy is provided with consumer-appropriate instructions on how  
406 to obtain and use a bowel preparation product and dosing regimen suitable to their needs  
407 and co-morbidities. The importance of good bowel preparation for a quality colonoscopy is  
408 discussed with the patient, and their understanding is confirmed.

### 409 Purpose

410 To ensure that patients who present for colonoscopy have a clean and empty bowel that  
411 enables a thorough, complete examination.

### 412 What the quality statement means

413 **For patients.** Before you have a colonoscopy, you need to follow some steps to make sure  
414 your bowel is as clean as possible for the procedure. Good bowel preparation is essential to  
415 make sure that all areas of your bowel can be seen and thoroughly inspected during the  
416 procedure. If your bowel is not completely clean, there is a higher risk that polyps or even  
417 cancers may be missed. This is why it is crucial that you understand what to do and that you  
418 ask questions if unsure. Your clinician will review any regular medicines you use and advise  
419 you of any changes during the preparation period. You will also be advised what to eat and  
420 drink leading up to the colonoscopy, including when to drink additional clear fluids to prevent  
421 dehydration. You will be provided with, or advised to buy, certain laxative products to take at  
422 specified times before the procedure (usually starting the day before), which will clean your  
423 bowel by causing diarrhoea. Your clinician will explain the possible side effects. You and  
424 your clinician will discuss any specific personal or health support you may require while  
425 undergoing bowel preparation, which for some people may include overnight admission.

426 **For clinicians.** Provide written and verbal consumer-appropriate information to patients  
427 preparing for colonoscopy, using interpreter services where necessary. Clearly explain the  
428 purpose of bowel preparation, the importance of following the prescribed procedure, the  
429 regimen and the potential side effects of the bowel preparation products. A split-dose  
430 regimen results in a higher quality colonoscopy examination compared with ingestion of the  
431 entire preparation on the day or evening before the procedure, and has been associated  
432 with increased adenoma detection rates.<sup>13</sup> Typically this involves splitting the standard dose  
433 of the bowel preparation between the day before and the morning of the procedure (3-8  
434 hours before the planned start of the procedure).<sup>13</sup> Allow the patient appropriate time to ask  
435 questions and confirm that they understand the importance of good bowel preparation.  
436 Ensure patients with diabetes and those on anticoagulants or other relevant medication are  
437 provided with information targeted towards managing their condition/medication as they  
438 undergo bowel preparation. Select an appropriate laxative agent taking into account cost,  
439 any patient co-morbidities and the patient's current medications, and ensure the patient  
440 knows how to obtain and use it. Consider whether a patient with relevant co-morbidities  
441 needs specific health or personal support whilst undergoing bowel preparation.

442 **For health services.** Establish processes for supporting patients to undertake effective  
443 bowel preparation for colonoscopy. Ensure interpreter services are available. Provide clear,  
444 written information for patients about the bowel preparation procedure, and a telephone  
445 number for any inquiries they may have as the bowel preparation proceeds. Ensure laxative  
446 agents are accessible for all patients. Policies should allow for extra support to patients who  
447 are unlikely to manage bowel preparation independently, including overnight admission if  
448 needed.

## 449 Quality statement 5 – Sedation

450 Before colonoscopy, a patient is assessed by an appropriately trained clinician to identify  
451 any increased risk, including cardiovascular, respiratory or airway compromise. The sedation  
452 is planned accordingly. The risks and benefits of sedation are discussed with the patient.  
453 Sedation is administered and the patient is monitored throughout the procedure and  
454 recovery period in accordance with the Australian and New Zealand College of  
455 Anaesthetists' [Guidelines on Sedation and/or Analgesia for Diagnostic and Interventional](#)  
456 [Medical, Dental or Surgical Procedures](#).<sup>†</sup>

### 457 Purpose

458 To ensure the safe and appropriate sedation of patients undergoing colonoscopy.

### 459 What the quality statement means

460 **For patients.** Before the procedure, an appropriately trained clinician will assess your  
461 suitability for sedation. He or she will ask about your health, other medical conditions,  
462 medications and previous experiences with sedation or anaesthesia, in order to assess the  
463 risks for you in having the sedation and to plan your sedation accordingly. The risks of  
464 sedation are higher for some people than others. For such individuals, a specialist  
465 anaesthetist, or other suitably trained medical practitioner will perform the sedation after a  
466 pre-procedure assessment. This is also the case if you have deeper sedation or a general  
467 anaesthetic. Your doctor will discuss the sedation that will be used, the risks and benefits of  
468 the sedation, the depth of sedation and what you can expect to be aware of during the  
469 procedure and as you recover. You will be cared for by appropriately trained and  
470 experienced clinicians who will administer sedation in accordance with current guidelines.

471 **For clinicians.** Ensure that the patient's suitability for sedation and any increased risks such  
472 as cardiovascular, respiratory or airway compromise are assessed in advance of the  
473 procedure by a clinician who is appropriately trained to make such an assessment. If an  
474 increased risk is identified, an anaesthetist, or other trained and credentialed medical  
475 practitioner within his/her scope of practice, should assess the patient and be present during  
476 the procedure to care for the patient. This is also the case for any patient likely to have deep  
477 sedation or general anaesthesia, for whom separate informed consent should be obtained  
478 by the anaesthetist. Ensure that the patient understands that their awareness of the  
479 procedure will depend upon the depth of sedation, and that this in turn depends on the  
480 scope of practice of the clinician providing the sedation. Sedation must be administered by a  
481 credentialed practitioner working within their scope of practice.

482 Provide sedation as described in the Australian and New Zealand College of Anaesthetists'  
483 *Guidelines on Sedation and/or Analgesia for Diagnostic and Interventional Medical, Dental*  
484 *or Surgical Procedures (PS09)*, with respect to:

- 485 • The number of staff present during the sedation and their level of training,  
486 competence and scope of clinical practice
- 487 • Facilities, equipment and medications
- 488 • Administration of sedation
- 489 • Monitoring of patients during the procedure and in the recovery room.

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<sup>†</sup> Australian and New Zealand College of Anaesthetists (ANZCA). PS09 Guidelines on sedation and/or analgesia for diagnostic and interventional medical, dental or surgical procedures. Melbourne: ANZCA; 2014. Available from: <http://www.anzca.edu.au/documents/ps09-2014-guidelines-on-sedation-and-or-analgesia>.

490 **For health services.** Sedation should be provided in accordance with the ANZCA's  
491 *Guidelines on Sedation and/or Analgesia for Diagnostic and Interventional Medical, Dental*  
492 *or Surgical Procedures.*<sup>14</sup> Ensure that systems are in place, and services adequately  
493 resourced, to implement the ANZCA guidelines. Policies should ensure that pre-sedation  
494 assessment is carried out by appropriately trained clinicians, in order to identify patients who  
495 are not suitable for intravenous sedation in the absence of an anaesthetist, and to plan for  
496 sedation accordingly. Ensure that clinicians who administer sedation or anaesthesia for  
497 colonoscopy are credentialed and operating within their defined scope of clinical practice  
498 and that they maintain their skills by participating in ongoing professional development and  
499 performance review. Implement and ensure compliance with policies and procedures for the  
500 safe supervision of trainees.

501

## 502 Quality statement 6 – Clinicians

503 A patient's colonoscopy is performed by a credentialed clinician working within their scope of  
504 clinical practice, who meets the requirements of an accepted certification and recertification  
505 process. Sedation or anaesthesia, and clinical support are provided by credentialed  
506 clinicians working within their scope of clinical practice.

### 507 Purpose

508 To ensure all colonoscopies and associated sedation and general care are provided by  
509 skilled clinicians at a high level of safety and quality.

### 510 What the quality statement means

511 **For patients** Throughout your colonoscopy you will be cared for by qualified and  
512 experienced clinicians, who comply with expected professional standards of competence in  
513 their area of expertise. This includes the nurses who provide clinical support, the medical  
514 practitioner responsible for your sedation or anaesthesia, and the clinician who conducts the  
515 colonoscopy. As well as being appropriately qualified, most clinicians are required to  
516 maintain their skills and knowledge. For colonoscopists this will include ongoing assessment  
517 of their capability to perform the procedure safely and well.

518 **For clinicians.** Ensure your training and experience is sufficient to provide safe, high quality  
519 care to a patient undergoing colonoscopy, in accordance with expected professional  
520 standards. Comply with your health service's policies and procedures for credentialing,  
521 defining scope of clinical practice and performance monitoring. Work with your peers to  
522 ensure your performance, and theirs, meets accepted requirements for the safety and quality  
523 of colonoscopy and/or associated sedation or anaesthesia. If you are a colonoscopist,  
524 participate in a recertification process that is accepted by your professional association  
525 and/or employer. Supervise trainees at a level appropriate to their skill and experience.

526 **For health services.** Define the credentials that are required for clinicians to perform  
527 colonoscopy, provide sedation or anaesthesia, or provide nursing care for patients  
528 undergoing colonoscopy as set out in *Credentialing health practitioners and defining the*  
529 *scope of clinical practice: A guide for manager and practitioners*.<sup>10</sup> For colonoscopists,  
530 identify accepted certification and recertification processes according to their clinical  
531 speciality and professional body, when credentialing clinicians and defining their scope of  
532 clinical practice. Ensure non-anaesthetist practitioners providing sedation meet a defined  
533 standard of competency for sedation. Ensure all clinicians' performance is monitored and  
534 their skills are maintained. Periodically review individual and service performance against  
535 accepted performance indicators and ensure under-performance is addressed promptly and  
536 effectively. Implement and ensure compliance with policies and procedures for the safe  
537 supervision of trainees.

538 Note: Recognition of training for medical practitioners performing colonoscopy is currently  
539 provided through a program offered by the Conjoint Committee for the Recognition of  
540 Training in Gastrointestinal Endoscopy (CCRTGE), a national body comprising  
541 representatives of the Royal Australasian College of Physicians (RACP), the  
542 Gastroenterological Society of Australia (GESA), and the Royal Australasian College of  
543 Surgeons (RACS).

544 GESA has introduced a voluntary re-certification program in colonoscopy, which is open to  
545 all medical practitioners whose training has been recognised by CCRTGE. The Colorectal  
546 Surgical Society of Australia and New Zealand (CSSANZ) has endorsed the GESA voluntary  
547 recertification program for its members. The standards and quality indicators supported by

548 the GESA and CSSANZ are expected to form the basis of the specifications for re-  
549 certification of performance of colonoscopists.

550 Nurse endoscopists are currently credentialed through the facility that employs them.

551

## 552 Quality statement 7 – Procedure

553 When a patient is undergoing colonoscopy their entire colon – including the caecum and/or  
554 terminal ileum – is examined carefully and systematically. The adequacy of bowel  
555 preparation, clinical findings, biopsies, polyps removed, therapeutic interventions and details  
556 of any adverse events are documented. All biopsies and polyps removed are submitted for  
557 histological examination.

### 558 Purpose

559 To optimise detection and management of disease, to minimise adverse outcomes for all  
560 patients who undergo colonoscopy, and to ensure the procedure is documented adequately  
561 in the patient's health record.

### 562 What the quality statement means

563 **For patients.** Your colonoscopy will be performed to a high standard so that the chances of  
564 detecting and managing bowel problems, including polyps and cancer, are increased, and  
565 the risk of complications is reduced. During the colonoscopy, the colonoscope should be  
566 inserted into the bowel far enough for the whole length of the large bowel to be inspected  
567 carefully. During the colonoscopy, samples of tissue, and any growths seen such as polyps,  
568 will be removed. These will be referred for examination by a specialist pathologist under a  
569 microscope. Adverse events during colonoscopy are uncommon, but if they occur, they will  
570 be managed, you will be informed and the incident will be documented in the medical record.  
571 Accurate and complete records of the colonoscopy will be maintained.

572 **For clinicians.** To maximize adenoma detection, accurately intubate the caecum and/or  
573 terminal ileum and allow adequate time for mucosal inspection whenever performing  
574 colonoscopy.<sup>15</sup> In people with previous resection, examine the remaining bowel thoroughly.  
575 Document the quality of the bowel preparation, how caecal intubation was assessed,  
576 withdrawal time, clinical findings, the number of polyps removed, the method of removal and  
577 whether they were retrieved. Record adverse events including perforation, post-polypectomy  
578 bleeding, and sedation-related cardio-respiratory compromise, and inform the patient that  
579 these have occurred, and how they have been managed. Ensure all tissue removed is sent  
580 for histopathology examination.

581 **For health services.** Consider whether the number of patients booked on each list enables  
582 the colonoscopist to undertake a careful and systematic examination of each patient.  
583 Establish systems that require and support colonoscopists to maintain accurate records of  
584 the procedure including the adequacy of bowel preparation, biopsies taken, polyps removed,  
585 all diagnostic and therapeutic interventions, and details of any adverse events. Ensure  
586 complications of colonoscopy and details of any adverse events are monitored and reviewed  
587 as part of quality monitoring and clinical quality improvement activities (such as morbidity  
588 and mortality reviews).

589

## 590 **Quality statement 8 – Discharge**

591 Following recovery, the preliminary outcomes of the procedure, the nature of any therapeutic  
592 interventions and adverse events, and arrangements for initial follow-up, are discussed with  
593 the patient and provided in writing to them before discharge. The patient is discharged into  
594 the care of a responsible adult when it is safe to do so.

### 595 **Purpose**

596 To ensure patients recover and are discharged safely with available information about the  
597 outcomes of the procedure and arrangements for follow up.

### 598 **What the quality statement means**

599 **For patients.** After your colonoscopy, you will be monitored until you have recovered from  
600 the sedation. Your clinician will tell you what happened during the procedure and their initial  
601 findings. You will be informed of anything unexpected, such as any complications that may  
602 have occurred. When you have recovered sufficiently from the sedation, you will be  
603 discharged into the care of a responsible adult, with written instructions on how to care for  
604 yourself when you go home, when to resume regular medications and any arrangements for  
605 follow-up of the procedure. It is not recommended that you travel home by yourself or remain  
606 alone on the night after the procedure. You will be provided with information about what to  
607 do if you have any problems after discharge, including a phone number that you can use to  
608 contact the health service for advice after hours.

609 **For clinicians.** Before discharge, inform your patient whether the procedure was completed  
610 satisfactorily, your initial observations, whether biopsies or polypectomies were performed,  
611 and about any adverse events, if they occurred. Advise your patient of what to do if they  
612 experience symptoms that may indicate a complication of the procedure, and provide them  
613 with specific contact details for obtaining appropriate advice. Following authorisation by the  
614 practitioner who administered sedative drugs, or another appropriately qualified practitioner,  
615 ensure that processes are in place to discharge your patient into the care of a responsible  
616 adult. The responsible adult should be provided with written instructions about early post-  
617 procedure care and resumption of normal activities, including making legally binding  
618 decisions, operating machinery and resuming regular medication.

619 **For health services.** Document criteria and implement operational systems for monitoring,  
620 supervising and discharging patients in accordance with accepted management and  
621 supervision guidelines. Ensure that processes are in place for discharging patients into the  
622 care of a responsible adult, and that written instructions are provided about early post-  
623 procedure care and resumption of normal activities. Ensure that there is a response plan for  
624 patients in the event of problems arising post-discharge, and that the discharge information  
625 includes specific health service contact details after hours.

## 626 Quality statement 9 – Reporting and follow-up

627 Following colonoscopy and subsequent review of any histology results, the colonoscopist  
628 prepares a report that includes their findings, follow-up recommendations and arrangements.  
629 Recommendations for surveillance colonoscopy, if required, are consistent with evidence-  
630 based guidelines. If more immediate treatment or follow-up is needed, appropriate  
631 arrangements are made by the colonoscopist. The report is provided to the general  
632 practitioner, any other relevant clinician and the patient.

### 633 Purpose

634 To ensure the results of colonoscopy are followed up, patients and their health care  
635 providers are aware of outcomes and patients are offered treatment and/or ongoing  
636 surveillance in accordance with evidence-based guidelines.

### 637 What the quality statement means

638 **For patients.** The clinician who conducted the colonoscopy will prepare a report to be  
639 provided to you, your general practitioner, and your other doctors (if relevant). The report will  
640 describe why you had the procedure, what was found during the procedure, and the results  
641 of any pathology testing of any tissue or growths (such as polyps) removed from your bowel.  
642 The report will also describe whether you need a follow-up visit or repeat testing and when  
643 this should occur. These recommendations will be different for each person and will depend  
644 on your medical and family history and the findings of the colonoscopy. Repeat testing may  
645 involve the faecal occult blood test or another colonoscopy, depending what is  
646 recommended in your situation by current evidence-based guidelines. Follow-up testing  
647 should occur as often as recommended, but no more than is necessary. If the colonoscopy  
648 found that you need further treatment or investigations soon, your colonoscopist will arrange  
649 this for you.

650 **For clinicians.** Ensure you have a reliable system in place to follow up all pathology  
651 investigations and that these are included in your report to your patient's general practitioner  
652 and any other referring clinician, which should also be provided to the patient. The report  
653 should also include the indication for the procedure, the outcomes of the colonoscopy and  
654 recommendations for treatment or ongoing surveillance. Adhere to evidence-based  
655 guidelines on future screening or surveillance colonoscopy, such as the Cancer Council  
656 Australia's [Clinical practice guidelines for the prevention, early detection and management of  
657 colorectal cancer](#)<sup>7</sup>, and [Clinical Practice Guidelines for Surveillance Colonoscopy](#).<sup>11</sup> If earlier  
658 treatment or investigation is required, make the necessary arrangements and ensure these  
659 are communicated to the patient and their referring clinician.

660 **For health services.** Policies should support adequate reporting of colonoscopy outcomes  
661 to the referring clinician, other relevant clinicians and the patient. These should include the  
662 reporting of histology results if any tissue was removed, and recommendations for future  
663 surveillance and follow-up based on evidence-based guidelines on surveillance  
664 colonoscopy, such as the Cancer Council Australia's *Clinical practice guidelines for the  
665 prevention, early detection and management of colorectal cancer*,<sup>7</sup> and *Clinical Practice  
666 Guidelines for Surveillance Colonoscopy*.<sup>11</sup> Ensure systems are in place for the prompt  
667 management of histologically-confirmed colorectal cancer or high-risk lesions.

668

## Glossary

Adenoma	A benign (non-cancerous) growth which has specific characteristics that can be seen using pathology testing techniques (proliferation of neoplastic epithelial cells). Adenomas may be protuberant, flat or depressed. Some adenomas may change over time and develop into malignant growths (cancers).
Benign growth (tumour)	A benign growth is one which is not able to spread to other parts of the body. It may also be described as pre-cancerous or pre-malignant.
Bowel	Part of the digestive tract extending from the stomach to the anus. It has two main sections – the small and large bowel (also known as the small and large intestine). The small bowel continues from the stomach – its various parts are the duodenum, jejunum and ileum. The small bowel joins up with the large bowel at the terminal ileum. The large bowel is made up of the colon and rectum. The rectum joins up with the anus.
Bowel cancer	Cancer of the large bowel; also known as colorectal cancer, colon cancer or rectal cancer. <sup>7</sup>
Bowel preparation	The use of medicines and changes in the diet to clean out the bowel in preparation for a test, scan or operation, allowing the lining of the bowel to be seen more clearly.
Caecum	The first part of the ascending colon of the large bowel. This is one of the important landmarks when performing a colonoscopy, to ensure the procedure has examined the whole bowel.
Colon	The main part of the large bowel, which absorbs water and electrolytes from undigested food (solid waste). Its four parts are the ascending colon, transverse colon, descending colon and sigmoid colon. <sup>7</sup>
Colonoscopy	An examination of the entire large bowel using a camera on a flexible tube, which is passed through the anus. <sup>7</sup> Colonoscopy can be performed to establish if there is something wrong in the bowel (diagnostic) or to treat a known bowel problem (therapeutic). (See also Flexible Sigmoidoscopy)
Colorectal	Referring to the large bowel, comprising the colon and rectum. <sup>7</sup>
Deeper sedation	Sedation that is characterised by depression of consciousness that can readily progress to the point where consciousness is lost and patients respond only to painful stimulation. It is associated with loss of the ability to maintain a patent airway, inadequate spontaneous ventilation and/or impaired cardiovascular function, and has similar risks to general anaesthesia, requiring an equivalent level of care. <sup>14</sup>

Dehydration	Dehydration occurs when the body loses more fluid than it takes in. It can result in problems like feeling dizzy, falls, chemical imbalances and kidney problems. It is important to follow instructions about fluid intake during bowel preparation to prevent dehydration.
Faecal occult blood test (FOBT)	A test that can detect microscopic amounts of blood in stools. Types of FOBT include immunochemical FOBTs (iFOBTs), which directly detect haemoglobin using antibodies specific for the globin moiety of human haemoglobin, and guaiac FOBTs (gFOBTs), which detect peroxidase activity, an indirect method for identification of haemoglobin. <sup>7</sup>
Family history	A family history of cancer is present when there are members of the family who have been diagnosed with cancers. Although bowel cancer is the most important, other cancers such as the uterus, breast and stomach are also relevant. The risk of getting bowel cancer is related to the number of affected relatives and the age at which they were diagnosed with cancer.
Familial syndromes	Genetic disorders in which inherited genetic mutations in one or more genes predispose a person to developing cancer, particularly at an early age. <sup>7</sup>
First presentation	The first presentation occurs when an individual first seeks advice leading to their first colonoscopy – this may be because of a positive faecal occult blood test in the NBCSP or symptoms.
Flexible sigmoidoscopy	A procedure used by doctors to examine the inner lining of the rectum and sigmoid colon (unlike a colonoscopy, in which the entire colon is examined). <sup>7</sup>
General anaesthesia	A drug-induced state characterised by absence of purposeful response to any stimulus, loss of protective airway reflexes, depression of respiration and disturbance of circulatory reflexes. <sup>14</sup>
iFOBT	Immunochemical Faecal Occult Blood Test (see entry for Faecal occult blood test)
Informed consent	Informed consent is a person's voluntary decision about health care that is made with knowledge and understanding of the benefits and risks involved. <sup>16</sup>
Inflammatory bowel disease	A group of inflammatory conditions of the colon and small intestine, including Crohn's disease and ulcerative colitis. <sup>17</sup>
Laxative	A medicine used to stimulate the bowel and clean it of faecal matter. Laxatives are important as part of preparation of the bowel prior to colonoscopy so the lining of the bowel can be seen clearly.

Malignant tumour	A growth that is able to spread into nearby normal tissue and travel to other parts of the body. <sup>17</sup> A malignant growth is a cancer.
National Bowel Cancer Screening Program (NBCSP)	A national program available to people ≥50 years of age which aims to decrease bowel cancer and illness and death related to it.
Polyp	A growth of colonic tissue which protrudes into the lumen (space) above the lining of the bowel. Polyps are usually asymptomatic, but sometimes cause visible rectal bleeding and, rarely, other symptoms. Polyps may be neoplastic (for example, adenomas) or non-neoplastic (for example, inflammatory polyps).
Rectum	The final section of the large bowel, ending at the anus.
Screening	Screening is the performance of a test in an individual at average risk of a disease who does not have symptoms. A positive test identifies an individual in whom further tests are usually needed to exclude or detect the disease being screened for. For bowel cancer screening in Australia, those ≥50 years are invited to undertake a faecal occult blood test (FOBT) through the national screening program. If the test is positive, a colonoscopy is usually recommended.
Screening colonoscopy	Individuals who are at markedly higher than average risk for bowel cancer are advised to undergo screening colonoscopy, as per NHMRC screening recommendations. This includes those with familial syndromes.
Sedation	The use of medications to induce a very relaxed or sleepy state, often used prior to a colonoscopy to facilitate the procedure. Sedation is different to a general anaesthetic.
Sigmoid colon	The last section of the colon before it connects to the rectum. <sup>7</sup>
Surveillance colonoscopy	A colonoscopy performed in: <ul style="list-style-type: none"> <li>• Someone who has previously had disease to see if it has returned or if new disease is present (for example, after previous bowel cancer or adenoma removal)</li> <li>• Someone who currently has disease to see if it has progressed (for example, inflammatory bowel disease).</li> </ul> <p>Surveillance intervals are recommended in the Cancer Council Australia guidelines.</p>
Terminal ileum	The end of the small bowel (intestine) where it joins the large bowel (intestine).

670

671

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