



## AGA Institute Polyp Surveillance Performance Measures

### Eligible Patients:

Patients, 18 years and over, who have undergone a colonoscopy with complete removal of at least one or more polyps, *excluding* those with:

- Inflammatory bowel disease (IBD)
- Inherited polyposis syndromes (including familial adenomatous polyposis (FAP) and hereditary nonpolyposis colorectal cancer (HNPCC))
- Colorectal cancer

| Measure Name                          | Measure Description   | Measure Calculation   |
|---------------------------------------|---|---|
| 1. Cecal intubation documentation     | The percentage of patients whose colonoscopy procedure report documents whether cecal intubation occurred and specifies the landmarks used to verify intubation | <b>Numerator:</b> Patients from the denominator for whom the colonoscopy report documents whether cecal intubation occurred (item 7= No or Yes) AND documents the landmarks used to verify intubation (item 8 ≠ no cecal intubation, transabdominal illumination without at least one other landmark, or specific landmarks not specified)<br><br><b>Denominator:</b> All Eligible Patients |
| 2. Rate of cecal intubation           | The cecal intubation rate among patients where the procedure was not aborted before reaching the cecum  | <b>Numerator:</b> Patients from the denominator for whom the cecum was said to be successfully intubated (item 7 = yes)<br><br><b>Denominator:</b> Eligible patients whose colonoscopy was not aborted before the end of the procedure or was aborted after the cecum was reached, e.g., on withdrawal (item 5)   |
| 3. Preparation adequacy documentation | The percentage of patients whose colonoscopy procedure report documents whether or not their bowel preparation was adequate                                     | <b>Numerator:</b> Patients from the denominator for whom item 10, bowel prep was NOT “Not applicable – the quality of the bowel preparation was not documented”<br><br><b>Denominator:</b> All Eligible Patients  |
| 4. Rate of preparation adequacy       | The rate of adequate preparation among all eligible patients  | <b>Numerator:</b> Patients from the denominator for whom bowel prep = excellent, good, fair, adequate, or adequate to identify polyps >5mm (item 10)<br><br><b>Denominator:</b> All Eligible Patients   |

| Measure Name   | Measure Description   | Measure Calculation   |
|--|---|---|
| 5. Description of polyp characteristics              | The percentage of patients whose colonoscopy procedure report documents a description of the polyp(s) retrieved   | <p><b>Numerator:</b> Patients from the denominator for whom the location of each polyp removed was described by the endoscopist (item 11=yes) AND the size of each polyp removed was described by the endoscopist (item 12=yes) AND the gross morphology of each polyp removed was described by the endoscopist (item 13=yes)</p> <p><b>Denominator:</b> All Eligible Patients</p>  |
| 6. Assessment of polyp removal                       | The percentage of patients whose colonoscopy procedure report documents whether the polyp(s) were totally removed | <p><b>Numerator:</b> Patients from the denominator for whom the technique and method of removal of each polyp was described by the endoscopist (item 14=yes) AND the completeness of resection for each polyp was described by the endoscopist (item 15=yes)</p> <p><b>Denominator:</b> All Eligible Patients</p>   |
| 7. Pathology results present and reviewed            | The percentage of patients with documentation that a pathology report was received and reviewed                   | <p><b>Numerator:</b> Patients from the denominator for whom a date that the pathology report was received is documented (item 16=date) AND for whom it is documented that the report was reviewed by a physician (item 17=yes)</p> <p><b>Denominator:</b> All Eligible Patients</p>   |
| 8. Appropriateness of follow-up interval recommended | The percentage of patients for whom an appropriate follow-up interval was recommended                             | <p><b>Numerator:</b> Patients from the denominator for whom an appropriate follow-up interval* was documented</p> <p><b>Denominator:</b> All Eligible Patients except:</p> <ul style="list-style-type: none"> <li>• those for whom a pathology report is not present (item 16)</li> <li>• those for whom repeat colonoscopy was not recommended (item 19)</li> <li>• those for whom repeat colonoscopy was recommended but no follow-up interval was documented (item 19)</li> <li>• those with “other” pathology findings (item 18)</li> </ul> <p>*Appropriate follow-up intervals:</p> <ul style="list-style-type: none"> <li>• Normal tissue only OR Small rectal (less than 1 cm) hyperplastic polyp(s) OR small (less than 1 cm) hyperplastic polyp(s) – location not documented = 10 years OR follow-up interval documented as based on patient/family history or other factors if interval less than 10 years.</li> <li>• 1-2 small &lt;1cm tubular adenomas - not less than 5 years (up to 10 years) OR follow-up interval documented as based on patient/family history or other factors if interval less than 5 years.</li> </ul> |

| Measure Name   | Measure Description   | Measure Calculation   |
|--|---|---|
|  |   | <ul style="list-style-type: none"> <li>• 3-10 adenomas, OR any adenoma <math>\geq</math> 1 cm, OR any adenoma with villous features or high grade dysplasia - 3 years OR follow-up interval documented as based on patient/family history or other factors if interval less than 3 years.</li> <li>• More than 10 adenomas at one examination &lt; 3 years.</li> <li>• Large sessile adenomas removed piecemeal – 2-6 months.</li> </ul>  |
| 9a. Communication of results and follow-up interval to PCP             | The percentage of patients whose primary care provider was notified of the results and the recommended follow-up interval within 14 days of the procedure | <p><b>Numerator:</b> Patients from the denominator for whom a date that the results and follow-up interval was communicated to the PCP is documented (item 21=date) AND for whom that date is within 14 days of the colonoscopy exam date (item 4)</p> <p><b>Denominator:</b> All Eligible Patients except those documented as not having a primary care provider (item 21)</p>   |
| 9b. Communication of results and follow-up interval to referral source | The percentage of patients whose referral source was notified of the results and the recommended follow-up interval within 14 days of the procedure       | <p><b>Numerator:</b> Patients from the denominator for whom a date that the results and follow-up interval was communicated to the referral source is documented (item 22=date) AND for whom that date is within 14 days of the colonoscopy exam date (item 4)</p> <p><b>Denominator:</b> All Eligible Patients except those documented as not having a referral source AND except those documented as being an internal referral (item 22)</p>                                       |
| 10. Communication of results and follow-up interval to the patient     | The percentage of patients who were notified of the results and the recommended follow-up interval within 7 days of receiving the pathology report.       | <p><b>Numerator:</b> Patients from the denominator for whom a date that the results and follow-up interval was communicated to the patient is documented (item 23=date) AND for whom that date is within 7 days of the pathology report receipt date (item 16)</p> <p><b>Denominator:</b> All Eligible Patients except those documented as not having a pathology report AND except those for which a pathology report is present but unable to determine data received (item 16)</p> |

\*These surveillance intervals are contingent upon adequate preparation and removal of all identified polyps.