

**Literature Search**  
**ACR Appropriateness Criteria®**  
**Colorectal Cancer Screening**

Literature Search Performed on: 08/25/2016

Beginning Date: January 2013

End Date: July 2016

Database: Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Ovid MEDLINE(R) Daily and Ovid MEDLINE(R) <1946 to Present>

Search Strategy:

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- 1 \*Rectal Neoplasms/ or \*Anus Neoplasms/ or \*Colorectal Neoplasms, Hereditary Nonpolyposis/ or \*Colonic Polyps/ or \*colorectal neoplasms/ or \*colonic neoplasms/ or \*sigmoid neoplasms/ or \*colorectal neoplasms, hereditary nonpolyposis/ or \*rectal neoplasms/ or \*anus neoplasms/ (140200)
  - 2 Mass Screening/ or Occult Blood/ or "Early Detection of Cancer"/ (103420)
  - 3 (stool test or stool DNA testing or colon cancer test or stool dna or cologuard or fecal occult blood test or fobt or fecal immunochemical test).tw. (2400)
  - 4 (Crc screen\$ or colorectal cancer screen\$).tw. (5204)
  - 5 2 or 3 or 4 (105493)
  - 6 1 and 5 (9169)
  - 7 exp Diagnostic Imaging/ (1934665)
  - 8 Colonography, Computed Tomographic/ or Colonoscopy/ or Sigmoidoscopy/ (26010)
  - 9 (Sigmoidoscopy or Double-contrast barium enema or lower GI tract radiograph\$ or barium enema or Virtual colonoscopy or CT Colonography).tw. (8640)
  - 10 (single photon emission computed tomography or i123 or 123i or technetium\$ or 99m\$ or tc99\$ or tc-99 or 99-tc or ga67 or 67ga or Fluorodeoxyglucose or FDG or 18fdg or fdg18 or NaF or 18f or f18 sodium fluoride or Scintigraphy or PET\$ or Positron emission tomography or pet-ct\$ or in111 or indium\$ or indium111 or 111in or 111indium or compute\$ tomography or CT imaging or CT or dect or Sonography or ultrasound or ultrasonography or MR imaging or MRI\$ or MR or magnetic resonance or xray or x-ray or radiograph\$ or spect or diagnostic imaging).tw. (1496789)
  - 11 7 or 8 or 9 or 10 (2785886)
  - 12 6 and 11 (4814)
  - 13 limit 12 to (abstracts and english language and humans and yr="2013 -Current") (932)
  - 14 limit 13 to case reports (16)
  - 15 13 not 14 (916)
  - 16 limit 15 to "all child (0 to 18 years)" (30)
  - 17 15 not 16 (886)
  - 18 remove duplicates from 17 (809)
  - 19 "Sensitivity and Specificity"/ (310180)
  - 20 (sensitivity or specificity or NPV or ppv or positive predictive value or negative predictive value or predictive value or accuracy or true positive or true negative or false positive or false negative or Positive likelihood ratio or Negative likelihood ratio or Diagnostic odds ratio or valid\$ or reliab\$ or ROC Curves or Relevan\$).tw. (2289747)
  - 21 19 or 20 (2423271)
  - 22 18 and 21 (254)
  - 23 18 or 22 (809)
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### Literature Search Summary

Of the 90 citations in the original bibliography 63 were retained in the final document.

A literature search was conducted in August 2016, to identify additional evidence published since the *ACR Appropriateness Criteria® Colorectal Cancer Screening* topic was finalized. Using the search strategy described above, 809 unique articles were found. 13 articles were added to the bibliography. The remaining articles were not used due to either poor study design, the articles were not relevant or generalizable to the topic, or the results were unclear or biased.

The author added 27 citations from bibliographies, websites, or books that were not found in the literature search, including 20 articles outside of the search date range.

Two citations are supporting documents that were added by staff.