

Guideline topic: Colorectal cancer (2008 review).

General comments

Search coverage

Patient searches

Databases covered: medline, embase, Cochrane, science direct, psyhinfo, cinahl

Dates covered: 2003-2011

Search strategies

The following are listings of the main Medline strategies used for this guideline. All conventions and symbols are from the Ovid implementation of Medline. Strategies used in other databases were substantially the same, though different terminology may have been used to take account of different thesaurii used in non-Medline databases.

Search filters were added to identify studies of a particular type (guideline, systematic review, etc.) Listings of the search filters used by SIGN can be found on the SIGN Web site.

Searches

PATIENT SEARCH

abridged used this one

1. exp Patients/
2. patient\$.tw.
3. inpatient\$.tw.
4. outpatient\$.tw.
5. victim\$.tw.
6. survivor\$.tw.
7. personal\$.tw.
8. adult\$.tw.
9. caregiver\$.tw.
10. (care adj give\$).tw.
11. carer\$.tw.
12. exp Family/
13. family.tw.
14. families.tw.

15. spouse\$.tw.
16. parent\$.tw.
17. stepparent\$.tw.
18. step-parent\$.tw.
19. husband\$.tw.
20. wife.tw.
21. wives.tw.
22. child\$.tw.
23. daughter\$.tw.
24. father\$.tw.
25. step-father\$.tw.
26. stepfather\$.tw.
27. mother\$.tw.
28. step-mother\$.tw.
29. stepmother\$.tw.
30. sibling\$.tw.
31. (next adj of adj kin).tw.
32. grandparent\$.tw.
33. grand-parent\$.tw.
34. friend\$.tw.
35. focus group.mp. or exp Focus Groups/
36. exp Self Care/ or exp Self-Help Groups/ or exp Patient Education as Topic/ or self help.mp.
37. community network.mp. or exp Community Networks/
38. social support.mp. or exp Social Support/
39. (online adj support).tw.
40. (internet adj group).tw.
41. (internet adj for\$).tw.
42. (social adj network).tw.
43. terminally ill.mp. or exp Terminally Ill/
44. sufferer\$.tw.
45. experience\$.tw.
46. exp Perception/
47. social perception.mp. or exp Social Perception/

48. perception\$.tw.
49. narrative\$.tw.
50. discourse\$.tw.
51. story.tw.
52. stories.tw.
53. satisfaction.tw.
54. concern\$.tw.
55. exp Attitude/ or attitude.mp.
56. attitude\$.tw.
57. emotion.mp. or exp Emotions/
58. anger\$.tw.
59. fear\$.tw.
60. disappoint\$.tw.
61. angry\$.tw.
62. afraid.tw.
63. sadness.tw.
64. distress\$.tw.
65. nervous\$.tw.
66. anxiety.tw.
67. anxieties.tw.
68. anxious\$.tw.
69. euphoria.tw.
70. euphoric.tw.
71. frustrat\$.tw.
72. guilt\$.tw.
73. hate\$.tw.
74. hatred.tw.
75. hostile\$.tw.
76. jealous\$.tw.
77. loneliness.tw.
78. lonely.tw.
79. grief\$.tw.
80. griev\$.tw.

81. bereave\$.tw.
82. mourn\$.tw.
83. mood\$.tw.
84. feeling\$.tw.
85. happiness.tw.
86. joy\$.tw.
87. laugh\$.tw.
88. loving.tw.
89. love.tw.
90. honest\$.tw.
91. despair\$.tw.
92. hope\$.tw.
93. hoping.tw.
94. empathy.mp. or exp Empathy/
95. empath\$.tw.
96. compassion\$.tw.
97. negativism.mp. or exp Negativism/
98. faith\$.tw.
99. exp Ethics/ or ethics.mp.
100. morale.tw.
101. morale.mp. or exp Morale/
102. (unmet adj need\$).tw.
103. human rights.mp. or exp Human Rights/
104. exp Stress Disorders, Traumatic/ or exp Stress, Psychological/ or exp Stress Disorders, Traumatic, Acute/ or exp Stress Disorders, Post-Traumatic/
105. exp Adaptation, Psychological/ or adaptation.mp.
106. adjustment.mp. or exp Social Adjustment/
107. exp "codependency (psychology)"/ or exp harm reduction/ or exp health behavior/ or exp illness behavior/ or exp impulsive behavior/ or exp information seeking behavior/ or exp risk reduction behavior/ or exp risk-taking/ or exp defense mechanisms/ or exp motivation/ or exp neurobehavioral manifestations/ or exp personality/ or exp psychology, social/
108. ((psych\$ or social\$) adj adjust\$).tw.
109. cope.tw.

110. coping.tw.
111. social values.mp. or exp Social Values/
112. exp Self Concept/ or exp Social Class/ or exp Peer Group/
113. worry\$.tw.
114. worries.tw.
115. quality of life.mp. or exp "Quality of Life"/
116. (quality adj of adj recovery).tw.
117. exp Patient Rights/ or exp Terminal Care/ or exp Right to Die/ or exp Suicide, Assisted/ or exp Personal Autonomy/ or dignity.mp. or exp Patient Advocacy/ or exp Euthanasia, Passive/
118. dignif\$.tw.
119. right to live.mp. or exp "Value of Life"/
120. suicid\$.tw.
121. exp Suicide/ or exp Suicide, Attempted/ or exp Suicide, Assisted/
122. (mercy adj killing\$.tw.
123. civil rights.mp. or exp Civil Rights/
124. choice behavior.mp. or exp Choice Behavior/
125. right to choose.mp.
126. (advance\$ adj direct\$.tw.
127. (living adj will).tw.
128. (choice\$ or empower\$.tw.
129. self esteem.mp.
130. decision making.mp. or exp Decision Making/
131. exp Communication/ or exp Persuasive Communication/ or communication.mp. or exp Communication Barriers/
132. "access to information".tw.
133. confidentiality.mp. or exp Confidentiality/
134. confidentiality.tw.
135. exp Privacy/ or privacy.mp.
136. (truth adj3 disclosure\$.tw.
137. ((psycho\$ or cultural) adj depriv\$.tw.
138. social isolation.mp. or exp Social Isolation/
139. exp Health Services Accessibility/
140. information services.mp. or exp Information Services/

141. exp Counseling/ or counselling.mp.
142. exp Counseling/
143. counsel\$.tw.
144. (pastoral adj (care or psychology)).tw.
145. spiritual\$.tw.
146. exp Religion/ or religion.mp.
147. (belief\$ or prayer\$ or custom\$).tw.
148. sexuality.mp. or exp Sexuality/
149. exp culture/ or exp superstitions/ or exp taboo/
150. suffer\$.tw.
151. pain.mp. or exp Pain/ or exp Pain, Intractable/ or exp Pain Threshold/
152. pain\$.tw.
153. comfort\$.tw.
154. or/1-153
155. limit 154 to (abstracts and english language and humans)

COLORECTAL SEARCHES

MAIN STEM abridged

using mps to shrink search

1. tumo\$r.mp.
2. polyp.mp. or *Polyps/
3. cancer\$.mp.
4. malignan\$.mp.
5. colorectal.mp.
6. bowel.mp.
7. colon.mp.
8. rectal.mp.
9. rectum.mp.
10. anal.mp.
11. anus.mp.
12. (lower adj intestin\$).mp.
13. (large adj intestin\$).mp.
14. or/1-4

15. or/5-13

16. 14 and 15

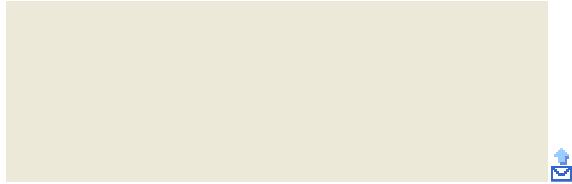


Main Stem Colorectal

1. colon.mp. or exp Colon/
2. exp colon, ascending/ or exp colon, descending/ or exp colon, sigmoid/ or exp colon, transverse/
3. rectum.mp. or exp Rectum/
4. exp Anal Gland Neoplasms/ or anal.mp. or exp Anal Canal/
5. anus.mp.
6. bowel.mp.
7. large intestine.mp. or exp Intestine, Large/
8. exp Intestinal Mucosa/
9. lower intestine.mp.
10. cecum.mp. or exp Cecum/
11. exp Megacolon, Toxic/ or exp Megacolon/ or megacolon.mp.
12. proctology.mp. or exp Colorectal Surgery/
13. proctolo\$.mp.
14. sphinct\$.mp.
15. mesorectal.mp.
16. typhlit\$.mp.
17. extraperiton\$.mp.
18. coloanal.mp.
19. rectal.mp.
20. colonic.mp.
21. (visceral adj pelvic adj fascia).mp.
22. peritoneum.mp. or exp Peritoneum/
23. peritone\$.mp.
24. mesentery.mp. or Mesentery/
25. adenomatous.mp. or exp Adenomatous Polyps/

26. abdominoperin\$.mp.

27. or/1-26



Main Stem Neoplasm stem

1. exp colonoscopy/ or exp sigmoidoscopy/ or exp proctoscopy/

2. exp Colonography, Computed Tomographic/ or colonography.mp.

3. exp Occult Blood/ or stool occult.mp.

4. exp Neoplasms/

5. neoplas\$.mp.

6. cancer\$.mp.

7. tum?r.mp.

8. exp Mesenchymoma/

9. exp neoplasms by histologic type/ or exp histiocytic disorders, malignant/ or exp lymphatic vessel tumors/ or exp lymphoma/ or exp "neoplasms, complex and mixed"/ or exp "neoplasms, connective and soft tissue"/ or exp neoplasms, adipose tissue/ or exp neoplasms, connective tissue/ or exp giant cell tumors/ or exp myofibroma/ or exp myxoma/ or exp myxosarcoma/ or exp neoplasms, fibrous tissue/ or exp fibroma/ or exp fibromatosis, abdominal/ or exp fibromatosis, aggressive/ or exp fibrosarcoma/ or exp histiocytoma/ or exp myofibromatosis/ or exp neoplasms, fibroepithelial/ or exp solitary fibrous tumors/ or exp sarcoma, clear cell/ or exp sarcoma, small cell/ or exp sarcoma, synovial/ or exp neoplasms, muscle tissue/ or exp perivascular epithelioid cell neoplasms/ or exp sarcoma/ or exp "neoplasms, germ cell and embryonal"/ or exp "neoplasms, glandular and epithelial"/ or exp neoplasms, gonadal tissue/ or exp neoplasms, nerve tissue/ or exp neoplasms, plasma cell/ or exp neoplasms, vascular tissue/ or exp "nevi and melanomas"/ or exp neoplasms, hormone-dependent/ or exp neoplasms, multiple primary/ or exp neoplasms, post-traumatic/ or exp neoplasms, radiation-induced/ or exp neoplasms, second primary/ or exp neoplastic processes/ or exp neoplastic syndromes, hereditary/ or exp paraneoplastic syndromes/ or exp precancerous conditions/ or exp tumor virus infections/

10. polyp.mp. or exp Polyps/

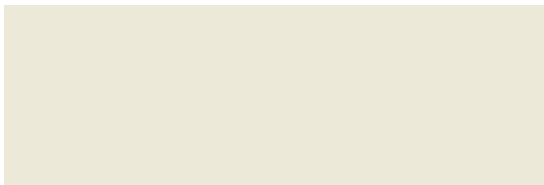
11. exp polyps/ or exp intestinal polyps/

12. or/1-11

Sub Questions

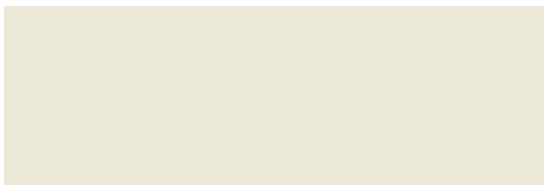
02 screening

1. colonoscopy.mp. or *Colonoscopy/
2. *Occult Blood/
3. faecal occult blood.mp.
4. fecal occult blood.mp.
5. FOBT.mp.
6. fecal immunochemical.mp.
7. ((fecal or faecal) adj immunohistochemistry).mp.
8. fecal immunohistochemistry.mp.
9. faecal immunohistochemistry.mp.
10. fecal immunochemical.mp.
11. faecal immunochemical.mp.
12. sigmoidoscopy.mp. or *Sigmoidoscopy/
13. *Colonography, Computed Tomographic/
14. double contrast barium enema.mp.
15. or/1-14
16. limit 15 to (abstracts and english language and humans and yr="2003 - 2010")



02a genetic not as per KQ list

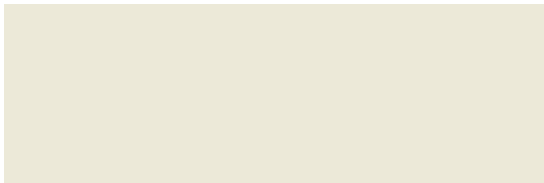
rename once KQs sorted



03 and KQ04

1. germline mutation.mp. or *Germ-Line Mutation/
2. mismatch repair.mp. or *DNA Mismatch Repair/

3. *Genes, APC/
4. *Adenomatous Polyposis Coli/
5. myh gene.mp.
6. myh associated.mp.
7. *Tumor Markers, Biological/
8. tumor indicator.mp.
9. tumour indicator.mp.
10. MSI.mp.
11. *Microsatellite Instability/
12. immunohistochemistry.mp. or *Immunohistochemistry/
13. MLH1.mp.
14. *MutS Homolog 2 Protein/ or MSH2.mp.
15. MSH6.mp.
16. MYH.mp.
17. FAP.mp.
18. HNPCC.mp. or *Colorectal Neoplasms, Hereditary Nonpolyposis/
19. or/1-18
20. limit 19 to (abstracts and english language and humans)



05a symptomology

1. *"Predictive Value of Tests"/
2. predictive.mp.
3. symptomology.mp.
4. predictor.mp.
5. prognostic.mp.
6. *Prognosis/
7. asymptomatic.mp.
8. presymptomatic.mp.
9. diagnosis.mp. or *Diagnosis/ or *Delayed Diagnosis/ or *Diagnosis, Differential/ or *Early Diagnosis/

10. indication.mp.

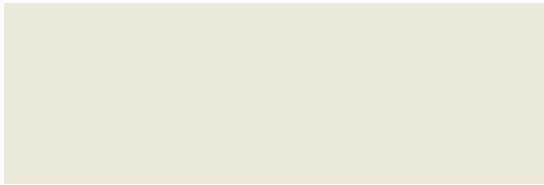
11. clinical features.mp.

12. present*.mp.

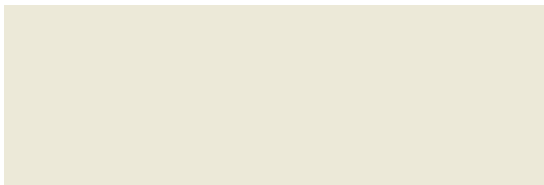
13. or/1-12



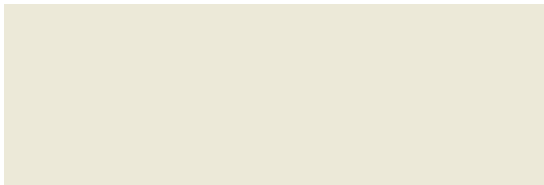
05b signs and symptoms



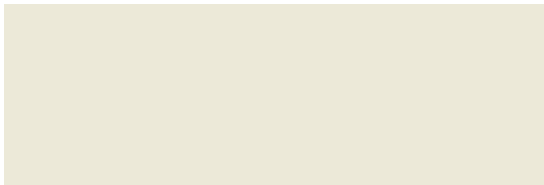
05c tests



06 primary care



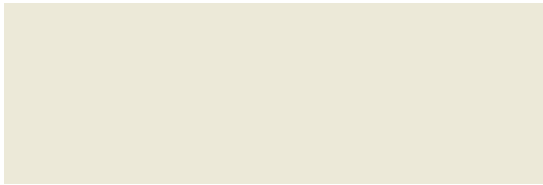
07 imaging



08 CT and barium

1. CT colonoscopy.mp.

2. *Colonography, Computed Tomographic/
3. virtual colonoscopy.mp.
4. or/1-3
5. barium enema.mp.
6. barium test.mp.
7. *Barium Compounds/ or *Barium Sulfate/ or *Barium Radioisotopes/
8. or/5-7
9. 4 or 8



09 PET scan

extra search for 08 Febr 2011

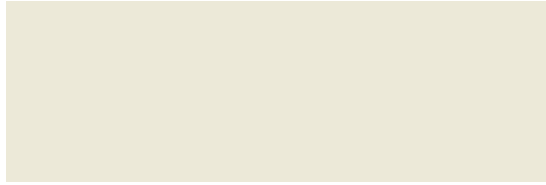
1. PET scan.mp. or *Positron-Emission Tomography/



09 staging

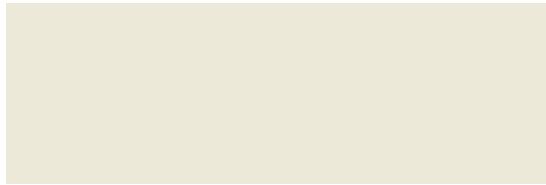
1. *Neoplasm Staging/ or pre-operative staging.mp.
2. staging.mp.
3. 1 or 2
4. *Magnetic Resonance Imaging/
5. *Magnetic Resonance Spectroscopy/
6. *Image Interpretation, Computer-Assisted/
7. CT.mp.
8. *Tomography, X-Ray Computed/
9. *Radiography, Thoracic/ or chest X-ray.mp. or *Lung Neoplasms/
10. or/4-9
11. 3 and 10





09b elective and emergency

1. emergency.mp.
2. elective.mp.
3. 1 or 2
4. *Neoplasm Staging/ or pre-operative staging.mp.
5. staging.mp.
6. 4 or 5
7. *Magnetic Resonance Imaging/
8. *Magnetic Resonance Spectroscopy/
9. *Image Interpretation, Computer-Assisted/
10. CT.mp.
11. *Tomography, X-Ray Computed/
12. *Radiography, Thoracic/ or chest X-ray.mp. or *Lung Neoplasms/
13. or/7-12
14. 6 and 13
15. 3 and 14



10 APER extra terms

search carried out Feb 2011

1. APER.mp.
2. abdominoperineal excision of rectum.mp.
3. abdomino perineal excision of rectum.mp.
4. abdomino-perineal excision of rectum.mp.
5. extralevator.mp.
6. mesocolic resection.mp.
7. mesocolic excision.mp.

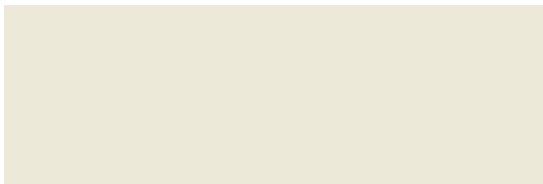
8. (quirke p or quirke pd).au.

9. or/1-8



10 surg techn

use other one



10 surgical techn

1. radical surgery.mp.

2. laparoscopic surgery.mp. or *Laparoscopy/

3. AP resection.mp. [mp=title, original title, abstract, name of substance word, subject heading word, unique identifier]

4. lower anterior resection.mp. [mp=title, original title, abstract, name of substance word, subject heading word, unique identifier]

5. LAR.mp. [mp=title, original title, abstract, name of substance word, subject heading word, unique identifier]

6. APR.mp. [mp=title, original title, abstract, name of substance word, subject heading word, unique identifier]

7. colonic resection.mp. [mp=title, original title, abstract, name of substance word, subject heading word, unique identifier]

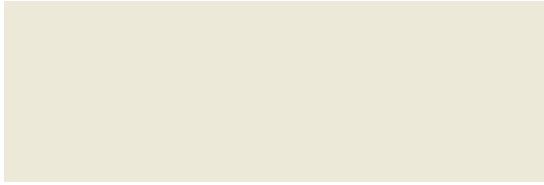
8. mesorectal.mp. [mp=title, original title, abstract, name of substance word, subject heading word, unique identifier]

9. abdominal perineal.mp. [mp=title, original title, abstract, name of substance word, subject heading word, unique identifier]

10. or/1-9

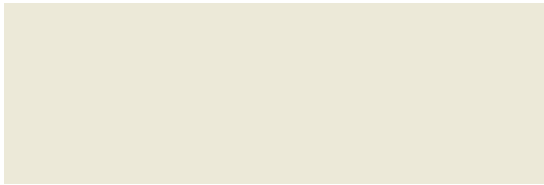
11. limit 10 to (abstracts and english language and humans and yr="2003 -Current")





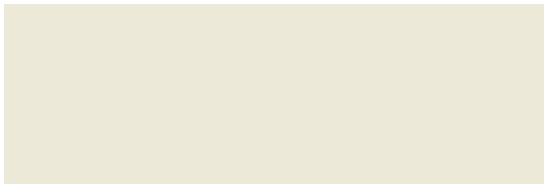
11 stents

1. *Stents/
2. limit 1 to (abstracts and english language and humans and yr="2003 -Current")



12 stoma

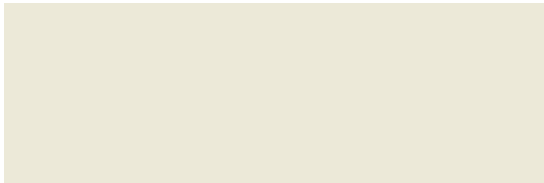
1. *Peritoneal Stomata/ or stoma.mp.
2. defunctioning.mp.
3. ileostomy.mp. or *Ileostomy/
4. or/1-3



13 adjuvant

1. adjuvant chemotherapy.mp. or *Chemotherapy, Adjuvant/
2. neoadjuvant chemotherapy.mp. or *Neoadjuvant Therapy/
3. folfox.mp.
4. capecitabine.mp.
5. xeloda.mp.
6. *Fluorouracil/
7. 5FU.mp.
8. tegafur.mp. or *Tegafur/
9. uracil.mp. or *Uracil/
10. uftoral.mp.
11. folfiri.mp.

12. folinic acid.mp. or *Leucovorin/
13. irinotecan.mp.
14. capecitabine.mp.
15. oxaliplatin.mp.
16. *Camptothecin/ or campto.mp.
17. or/1-16

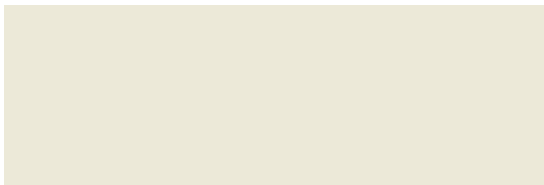


14 chemo names

first half same as 13

1. chemotherapy.mp.
2. adjuvant chemotherapy.mp. or *Chemotherapy, Adjuvant/
3. neoadjuvant chemotherapy.mp. or *Neoadjuvant Therapy/
4. folfox.mp.
5. capecitabine.mp.
6. xeloda.mp.
7. *Fluorouracil/
8. 5FU.mp.
9. tegafur.mp. or *Tegafur/
10. uracil.mp. or *Uracil/
11. uftoral.mp.
12. folfiri.mp.
13. folinic acid.mp. or *Leucovorin/
14. irinotecan.mp.
15. oxaliplatin.mp.
16. *Camptothecin/ or campto.mp.
17. adrucil.mp.
18. avastin.mp.
19. bevacizumab.mp.
20. eloxatin.mp.

21. camptosar.mp.
22. erbitux.mp.
23. cetuximab.mp.
24. vectibix.mp.
25. panitumumab.mp.
26. mitomycin C.mp.
27. cisplatin.mp. or *Cisplatin/
28. *Doxorubicin/ or doxorubin.mp.
29. bleomycin.mp. or *Bleomycin/
30. lomustine.mp. or *Lomustine/
31. CCNU.mp.
32. or/1-31



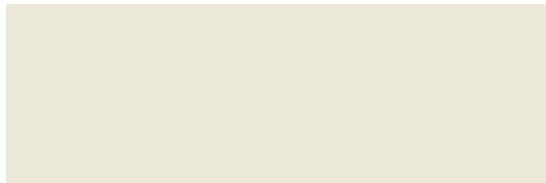
15 metastatic

1. "hamada\$.fc_auts. and "2009".fc_pubyr. and "90".fc_pg.
2. intensive regimen.mp.
3. *Antineoplastic Combined Chemotherapy Protocols/
4. *Antibodies, Monoclonal/
5. palliative regimen.mp.
6. curative.mp.
7. non-curative.mp.
8. *Liver Neoplasms/ or liver metastases.mp.
9. neoplasm metastases.mp. or *Neoplasm Metastasis/
10. colon metastatic.mp.
11. *Neoplasm Recurrence, Local/ or metastectomy.mp.
12. or/1-11




16 rectal

1. *Chemotherapy, Adjuvant/
2. *Radiotherapy, Adjuvant/
3. adjuvant.mp.
4. radiotherapy.mp. or *Radiotherapy/
5. chemotherapy.mp. or *Drug Therapy/
6. *Antineoplastic Combined Chemotherapy Protocols/ or *Combined Modality Therapy/ or chemoradiation.mp.
7. *Neoplasm Recurrence, Local/ or circumferential resection margin.mp.
8. CRM.mp.
9. *Neoadjuvant Therapy/ or neo-adjuvant.mp.
10. adjuvant.mp.
11. *Intraoperative Period/ or intra-operative.mp. or *Monitoring, Intraoperative/
12. *Preoperative Care/ or pre-operative.mp.
13. *Postoperative Care/ or post-operative.mp.
14. *Brachytherapy/ or contact therapy.mp.
15. or/1-14
16. rectum.mp. or *Rectum/
17. rectal.mp. or *Rectal Neoplasms/
18. 16 or 17
19. 15 and 18


17 rectal operable or locally advanced

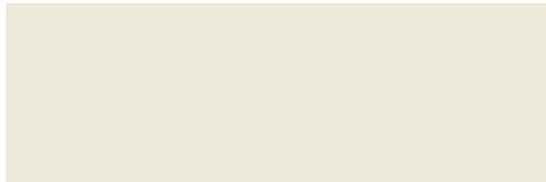
1. *Rectal Neoplasms/
2. (locally adj2 rectal).mp. [mp=title, original title, abstract, name of substance word, subject heading word, unique identifier]

3. (resectable adj2 rectal).mp. [mp=title, original title, abstract, name of substance word, subject heading word, unique identifier]

4. (recta\$ adj2 excisi\$).mp. [mp=title, original title, abstract, name of substance word, subject heading word, unique identifier]

5. (operable adj2 rect\$).mp. [mp=title, original title, abstract, name of substance word, subject heading word, unique identifier]

6. or/1-5



17a

sub-terms as listed on KQ

1. downstag\$.mp.

2. *Neoplasm Staging/

3. Dukes stag\$.mp.

4. chemotherapy.mp. or *Drug Therapy/

5. *Radiotherapy, Adjuvant/ or *Radiotherapy/

6. brachytherapy.mp. or *Brachytherapy/

7. *Radiosurgery/ or cyberknife.mp.

8. gamma knife.mp.

9. stereotactic.mp.

10. radionucleide.mp.

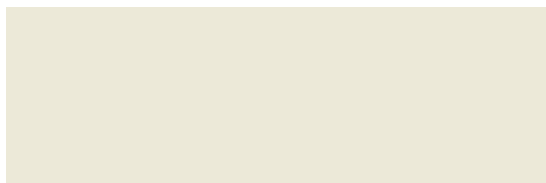
11. *"Antineoplastic Combined Chemotherapy Protocols"/

12. *Radiotherapy, Adjuvant/ or radio-embolisation.mp. or *Chemoembolization, Therapeutic/

13. or/1-12

14. rect\$.mp.

15. 13 and 14



KQ10 extra search for APER

extra search 09 Febr 2011

1. abdomino-perineal excision of rectum.mp.
2. extralevator.mp.
3. mesocolic.mp.
4. APER.mp.
5. abdominoperineal excision.mp.
6. quirke.au.
7. (quirke p or quirke pd).au.
8. or/1-7