

Appendix 1 Literature search strategies

I. Literature search strategy for radiotherapeutic management of emergencies resulting from primary pelvic malignancies.

Embase Classic+Embase <1947 to 2022 June 16>

Ovid MEDLINE(R) ALL <1946 to June 16, 2022>

1. exp abdominal neoplasms/ or exp digestive system neoplasms/ or pelvic neoplasms/ or exp urogenital neoplasms/ 3303363
2. ((pelvi* or abdom* or gynecol* or ovarian or gastro* or genitourin* or Urogenital or endometr* or cervical or vagina* or prostat*) adj3 (cancer* or neoplasm* or malignanc*).tw,kf. 827627
3. 1 or 2. 3451706
4. exp radiotherapy/ 877693
5. (radiation therap* or radiotherap*).tw,kf. 695967
6. 4 or 5. 1148333
7. 3 and 6. 312015
8. Emergencies/ or Emergency Service, Hospital/ or Emergency Treatment/ 205496
9. ((oncolog* or cancer) adj3 (emergency or emergencies)).tw,kf. 3817
10. 8 or 9. 208391
11. 7 and 10. 275
12. ((emergen* or urgent or urgency) adj4 radiotherap*).tw,kf. 512
13. 3 and 12. 112
14. 11 or 13. 382
15. 14 use medall 102
16. limit 15 to english language 80
17. exp *abdominal cancer/ 14677
18. exp *pelvis cancer/ 7137
19. exp *digestive system cancer/ 1215790
20. exp *urogenital tract tumor/ 649444
21. ((pelvi* or abdom* or gynecol* or ovarian or gastro* or genitourin* or Urogenital or endometr* or cervical or vagina* or prostat*) adj3 (cancer* or neoplasm* or neoplasm*).tw. 773794
22. or/17-21. 2310498
23. radiotherapy/ or cancer radiotherapy/ or exp *radiotherapy/ 659843
24. (radiation therap* or radiotherap*).tw. 668706
25. 23 or 24. 980743
26. 22 and 25. 208722
27. emergency care/ or emergency treatment/ 129504
28. ((oncolog* or cancer) adj3 (emergency or emergencies)).tw. 3719
29. 27 or 28. 132870
30. 26 and 29. 140
31. ((emergen* or urgent or urgency) adj4 radiotherap*).tw. 512
32. 22 and 31. 77
33. 30 or 32. 214
34. (exp animal/ or nonhuman/) not exp human/ 12647557
35. 33 not 34. 213
36. 35 use emczd 164
37. limit 36 to english language 149

38. 16 or 37.229
 39. remove duplicates from 38. 191

II. Literature search strategy for radiotherapeutic management of bleeding and/or hemorrhage resulting from primary pelvic malignancies.

Embase Classic+Embase <1947 to 2022 June 20>
 Ovid MEDLINE(R) ALL <1946 to June 20, 2022>

1. exp abdominal neoplasms/ or exp digestive system neoplasms/ or pelvic neoplasms/ or exp urogenital neoplasms/
3304465
2. ((pelvi* or abdom* or gynecol* or ovarian or gastro* or genitourin* or Urogenital or endometr* or cervical or vagina* or
prostat*) adj3 (cancer* or neoplasm* or malignanc*)).tw,kf. 827926
3. 1 or 2. 3452975
4. exp radiotherapy/ 877944
5. (radiation therap* or radiotherap*).tw,kf. 696184
6. 4 or 5. 1148801
7. 3 and 6. 312182
8. hemorrhage/ or gastrointestinal hemorrhage/ or uterine hemorrhage/ 304325
9. (h?emorrhag* or bleed*).tw,kf. 1258835
10. 8 or 9. 1348801
11. 7 and 10. 10848
12. Palliative Care/ 150439
13. (palliative care or end of life care).tw,kf. or palliative.ti. 133306
14. 12 or 13. 207841
15. 11 and 14. 642
16. 15 use medall 208
17. exp *abdominal cancer/ 14674
18. exp *pelvis cancer/ 7135
19. exp *digestive system cancer/ 1216087
20. exp *urogenital tract tumor/ 649490
21. ((pelvi* or abdom* or gynecol* or ovarian or gastro* or genitourin* or Urogenital or endometr* or cervical or vagina* or
prostat*) adj3 (cancer* or neoplasm* or malignanc*)).tw. 799145
22. or/17-21. 2326883
23. radiotherapy/ or cancer radiotherapy/ or exp *radiotherapy/ 659925
24. (radiation therap* or radiotherap*).tw. 668912
25. 23 or 24. 981073
26. 22 and 25. 210767
27. *bleeding/ or abdominal bleeding/ or tumor bleeding/ 110765
28. (h?emorrhag* or bleed*).tw. 1234409
29. 27 or 28. 1258076
30. 26 and 29. 6877
31. cancer palliative therapy/ or *palliative therapy/ 100206
32. (palliative care or end of life care).tw. or palliative.ti. 124695
33. 31 or 32. 163834
34. 30 and 33. 416

35. (exp animal/ or nonhuman/) not exp human/ 12649165
36. 34 not 35. 415
37. 36 use emczd 298
38. 16 or 37. 506
39. remove duplicates from 38. 412