

Literature Search

ACR Appropriateness Criteria® Follow-up and Retreatment of Brain Metastases

Literature Search Performed On: 8/27/2013

Beginning Date: January 2010

End Date: July 2013

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

Search Strategy:

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- 1 Brain Neoplasms/sc [Secondary] (9730)
 - 2 Imaging, Three-Dimensional/ (42491)
 - 3 Diagnostic Imaging/ (30847)
 - 4 Magnetic Resonance Imaging/ (281626)
 - 5 Positron-Emission Tomography/ (28492)
 - 6 Tomography, Emission-Computed/ (24633)
 - 7 Fluorodeoxyglucose F18/ (18243)
 - 8 external beam irradiation.mp. (1310)
 - 9 Radiosurgery/ (8647)
 - 10 Cranial Irradiation/ (3332)
 - 11 Treatment Failure/ (27268)
 - 12 Survival/ or Survival Analysis/ or Survival Rate/ (229364)
 - 13 Health Status Indicators/ (20732)
 - 14 "Quality of Life"/ (118118)
 - 15 Retreatment/ (5639)
 - 16 Follow-Up Studies/ (493239)
 - 17 Neoplasm Recurrence, Local/ (82211)
 - 18 Tomography, X-Ray Computed/ (279754)
 - 19 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10 or 11 or 12 or 13 or 14 or 18 (977836)
 - 20 15 or 16 or 17 (562414)
 - 21 1 and 19 and 20 (861)
 - 22 limit 21 to (guideline or meta analysis or practice guideline) (6)
 - 23 limit 21 to "all adult (19 plus years)" (722)
 - 24 22 or 23 (727)
 - 25 limit 24 to yr="2010 -Current" (220)
 - 26 limit 25 to case reports (21)
 - 27 25 not 26 (199)
 - 28 remove duplicates from 27 (170)

Notes:

.mp = multi-purpose (retrieves results that have this keyword in several fields)

Literature Search Summary

Of the 33 citations in the original bibliography, 18 were retained in the final document. Articles were removed from the original bibliography if they were more than 10 years old and did not contribute to the evidence or they were no longer cited in the revised narrative text.

A new literature search was conducted in August 2013 to identify additional evidence published since the *ACR Appropriateness Criteria® Follow-up and Retreatment of Brain Metastases* topic was finalized. Using the search strategy described above, 170 articles were found. Six articles were added to the bibliography. One hundred sixty-four articles were not used due to either poor study design, the articles were not relevant or generalizable to the topic, the results were unclear, misinterpreted, or biased, or the articles were already cited in the original bibliography.

The author added 14 citations from bibliographies, websites, or books that were not found in the new literature search.