

**Literature Search**  
**ACR Appropriateness Criteria®**  
**Brain Tumors**

Literature Search Performed on: 07/06/2022

Beginning Date: January 2012

End Date: June 2022

Database: Ovid MEDLINE(R) ALL <1946 to July 05, 2022>

**Search Strategy**

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- 1 (analysis of meningiomas or MRI Screening for Optic Gliomas or The utility of early brain MRI or differentiation of glioma grade or Investigational PET tracers in neuro).tw. (53)
- 2 (Brain Neoplasms/ and Magnetic Resonance Imaging/ and Neuronavigation/ and Radiosurgery/) or (Brain/ and brain neoplasms/ and Glioma/ and diagnostic imaging/) or (Artificial Intelligence/ and Meningeal Neoplasms/) (39)
- 3 (Gallium Radioisotopes/ and Meningeal Neoplasms/) or (modality for radiation treatment or recurrent glioblastoma in patients).tw. (43)
- 4 Brain tumors/ and intracranial neoplasms/ and neurofibromatosis/ (75)
- 5 (Brain Neoplasms/ or Glioma/) and Disease Progression/ and Magnetic Resonance Imaging/ (749)
- 6 4 or 5 (824)
- 7 limit 6 to (abstracts and english language and humans and yr="2012 -Current") (379)
- 8 1 or 2 or 3 or 7 (513)
- 9 limit 8 to practice guideline (1)
- 10 8 or 9 (513)
- 11 limit 10 to "all child (0 to 18 years)" (92)
- 12 10 not 11 (421)
- 13 limit 12 to case reports (69)
- 14 12 not 13 (352)
- 15 exp diagnostic imaging/ (2851230)
- 16 14 and 15 (302)
- 17 14 or 16 or disease progression in recurrent glioblastoma.tw. or recurrent glioblastoma in patients.tw. (355)

**Summary**

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Source	#Unique Refs	#Retained Refs
Old bibliography	0	0
Literature Search(es)	355	6
Author Added	77	75
Supporting Docs	2	2
Total		83

References from the literature search that were not retained had a poor study design, were not relevant to the topic, or had unclear or biased results.