

a) Search Strategy

Database: Ovid MEDLINE(R) <1946 to May 28 2021>, limit to <2006-May 28 2021>

1	exp Brain Neoplasms/	(156647)
2	exp Meningeal Neoplasms/	(24796)
3	exp spinal neoplasms/	(14275)
4	neoplasm metastasis/	(109119)
5	1 or 2 or 3 or 4	(289645)
6	exp Aminolevulinic Acid/	(5767)
7	exp Neurosurgery/	(15453)
8	low grade glioma*.mp.	(4539)
9	Diffuse astrocytoma*.mp.	(705)
10	Oligodendroglioma*.mp.	(5774)
11	Meningioma*.mp.	(26910)
12	Lymphoma*.mp.	(256001)
13	Metastatic tumo?r* of the central nervous system.mp.	(31)
14	Brain metastas*.mp.	(13940)
15	Ependymoma*.mp.	(7450)
16	Subependymoma.mp.	(313)
17	(Pineal adj2 Papillary tumo?r*).mp.	(16)
18	Schwannoma*.mp.	(14778)
19	8 or 9 or 10 or 11 or 12 or 13 or 14 or 15 or 16 or 17 or 18	(322886)
20	fluorescen*.mp.	(731686)
21	Immunofluorescen*.mp.	(139786)
22	5-ALA.mp.	(1323)
23	Aminolevulinic acid.mp.	(9156)
24	Gliolan.mp.	(13)
25	20 or 21 or 22 or 23 or 24	(820783)
26	Fluorescen* guided surgery.mp.	(654)
27	fluorescen* guided resect*.mp.	(216)
28	resect*.mp.	(375548)

29	surger*.mp.	(2771498)
30	gross total resect*.mp.	(4355)
31	26 or 27 or 28 or 29 or 30	(2882494)
32	5 or 19	(562261)
33	6 or 25	(820783)
34	7 or 31	(2891851)
35	32 and 33 and 34	(1826)
36	Limit 35 to (English language and humans)	(1525)
37	Limit 36 to yr="2006 -Current"	(1287)

Database: Embase <1974 to 2021 May> limit to <2006-May 28 2021>

Search Strategy:

1	exp central nervous system tumor/	(342400)
2	exp brain metastasis/	(35327)
3	1 or 2	(342400)
4	exp aminolevulinic acid/	(9671)
5	exp neurosurgery/	(267288)
6	low grade glioma*.mp.	(7428)
7	Diffuse astrocytoma*.mp.	(1311)
8	Oligodendroglioma*.mp.	(9948)
9	Meningioma*.mp.	(36214)
10	Lymphoma*.mp.	(345200)
11	Metastatic tumo?r* of the central nervous system.mp.	(32)
12	Brain metastas*.mp.	(38966)
13	Ependymoma*.mp.	(11233)
14	Subependymoma.mp.	(810)
15	(Pineal adj2 Papillary tumo?r*).mp.	(31)
16	Schwannoma*.mp.	(18879)
17	6 or 7 or 8 or 9 or 10 or 11 or 12 or 13 or 14 or 15 or 16	(443713)
18	fluorescen*.mp.	(777060)

19	Immunofluorescen*.mp.	(257856)
20	5-ALA.mp.	(1965)
21	Aminolevulinic acid.mp.	(13396)
22	Gliolan.mp.	(115)
23	18 or 19 or 20 or 21 or 22	(1004204)
24	Fluorescen* guided surgery.mp.	(930)
25	fluorescen* guided resect*.mp.	(346)
26	resect*.mp.	(654770)
27	surger*.mp.	(3742172)
28	gross total resect*.mp.	(6687)
29	24 or 25 or 26 or 27 or 28	(3876271)
30	3 or 17	(684809)
31	4 or 23	(1004204)
32	5 or 29	(3948681)
33	30 and 31 and 32	(4766)
34	limit 33 to (human and english language)	(4153)
35	limit 34 to yr="2006-Current"	(3837)
