

Supplementary1- search strategy

PubMed search syntax:

((("craniotomy" OR "decompressive craniectomy" OR "cranial surgery" OR "cranioplasty" OR "stereotactic surgery" OR "minimally invasive neurosurgery" OR "endoscopic neurosurgery" OR "awake craniotomy" OR "tumor resection" OR "brain biopsy" OR "burr hole surgery" OR "skull base surgery" OR "neurosurgical procedures" OR "intracranial surgery" OR "microsurgery" OR "open brain surgery") AND ("cost-effectiveness" OR "cost-utility" OR "economic evaluation" OR "cost-benefit analysis" OR "health economics" OR "cost analysis" OR "ICER" OR "QALY" OR "cost per QALY" OR "economic assessment")) AND ("comparison" OR "comparative study" OR "versus" OR "vs" OR "alternative methods" OR "different surgical techniques" OR "different surgical procedures" OR "treatment comparison"))

Scopus search syntax:

TITLE-ABS-KEY(("craniotomy" OR "decompressive craniectomy" OR "cranial surgery" OR "cranioplasty" OR "stereotactic surgery" OR "minimally invasive neurosurgery" OR "endoscopic neurosurgery" OR "awake craniotomy" OR "tumor resection" OR "brain biopsy" OR "burr hole surgery" OR "skull base surgery" OR "neurosurgical procedures" OR "intracranial surgery" OR "microsurgery" OR "open brain surgery"))

AND ("cost-effectiveness" OR "cost-utility" OR "economic evaluation" OR "cost-benefit analysis" OR "health economics" OR "cost analysis" OR "ICER" OR "QALY" OR "cost per QALY" OR "economic assessment")

AND ("comparison" OR "comparative study" OR "versus" OR "vs" OR "alternative methods" OR "different surgical techniques" OR "different surgical procedures" OR "treatment comparison"))

Web of Science search syntax:

TS= (("craniotomy" OR "decompressive craniectomy" OR "cranial surgery" OR "cranioplasty" OR "stereotactic surgery" OR "minimally invasive neurosurgery" OR "endoscopic neurosurgery" OR "awake craniotomy" OR "tumor resection" OR "brain biopsy" OR "burr hole surgery" OR "skull base surgery" OR "neurosurgical procedures" OR "intracranial surgery" OR "microsurgery" OR "open brain surgery")

AND ("cost-effectiveness" OR "cost-utility" OR "economic evaluation" OR "cost-benefit analysis" OR "health economics" OR "cost analysis" OR "ICER" OR "QALY" OR "cost per QALY" OR "economic assessment")

AND ("comparison" OR "comparative study" OR "versus" OR "vs" OR "alternative methods" OR "different surgical techniques" OR "different surgical procedures" OR "treatment comparison")))