

## Supplementary Material 1

### Search Strategy using MedLine via OVID

To ensure completeness, the strategy aims to cover diverse terms related to paediatric populations, neurosurgical procedures, and specific surgeries like craniotomy and ventriculoperitoneal shunt surgeries. Additionally, it includes terms related to patient readmissions as it is the main outcome of the study.

#	Query
1	exp *adolescent/ or exp *child/ or exp *infant/ or (infant disease* or childhood disease*).ti,kf. or (adolescen* or babies or baby or boy? or boyfriend or boyhood or girlfriend or girlhood or child* or girl? or infan* or juvenil* or kid? or minors or minors* or neonat* or neo-nat* or newborn* or new-born* or paediatric* or peadiatric* or pediatric* or perinat* or preschool* or puber* or pubescen* or school* or teen* or toddler? or underage? or under-age? or youth*).ti,kf. or (pediatric* or paediatric* or infan* or child* or adolescen* or young).jn,jw. or (pediatric* or paediatric* or infan* or child* or adolescen* or young).in.
2	Neurosurgery/ or Neurosurg*.mp. or Neurosurgical Procedures/
3	Craniotomy/ or Craniotom*.mp.
4	Ventriculoperitoneal Shunt/ or Shunt Surgery.mp. or Hydrocephalus/ or Cerebrospinal Fluid Shunts/
5	Spine/su [Surgery]
6	Patient Readmission/ or Re-admission*.mp. or Readmission*.mp.
7	Reoperation/ or Reoperati*.mp. or Re-operati*.mp.
8	2 or 3 or 4 or 5
9	6 or 7
10	1 and 8 and 9