**Supplement 1.** Search strategies

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| **Search** | **Query** |
| **PubMed** | ("Air Ambulances"[Mesh] OR Air Ambulance\*[tiab] OR Helicopter\*[tiab] OR P-HEMS [tiab] OR PHEMS[tiab] OR HEMS[tiab] OR EAMT[tiab] OR critical care team\*[tiab] OR aeromedical[tiab] OR pre-hospital[tiab] OR prehospital[tiab] OR air transport\*[tiab] OR Mobile Medical Team[tiab] OR airlifted[tiab]) AND ("Brain Injuries, Traumatic"[Mesh] OR Traumatic Brain Injur\*[tiab] OR Brain Trauma\*[tiab] OR TBI\*[tiab] OR Traumatic Encephalopath\*[tiab] OR Brain injur\*[tiab] OR head injur\*[tiab] OR head trauma\*[tiab] OR head contusion\*[tiab] OR head concussion\*[tiab] OR neurologic injur\*[tiab] OR neurological injur\*[tiab] OR brain contusion\*[tiab] OR brain concussion\*[tiab] OR craniocerebral trauma\*[tiab] OR neurotrauma\*[tiab] OR cerebrovascular trauma\*[tiab] OR Commotio Cerebri[tiab] OR Cerebral Concussion\*[tiab] OR Severe Concussion\*[tiab] OR Contusio Cerebri[tiab] OR Cerebellar Contusion\*[tiab] OR Cerebral Contusion\*[tiab] OR Cortical Contusion\*[tiab] OR brain lesion\*[tiab] OR cerebral trauma\*[tiab] OR traumatic brain lesion\*[tiab] OR traumatic cerebral lesion[tiab]) |
| **Embase.com** | ('air medical transport'/exp OR 'air ambulance\*':ti,ab OR helicopter\*:ti,ab OR 'p-hems':ti,ab OR phems:ti,ab OR hems:ti,ab OR eamt:ti,ab OR 'critical care team\*':ti,ab OR aeromedical:ti,ab OR 'pre-hospital':ti,ab OR prehospital:ti,ab OR 'air transport\*':ti,ab OR 'mobile medical team':ti,ab OR airlifted:ti,ab OR 'ambulance aircraft\*':ti,ab) AND ('traumatic brain injury'/exp OR 'traumatic brain injur\*':ti,ab OR 'brain trauma\*':ti,ab OR tbi\*:ti,ab OR 'traumatic encephalopath\*':ti,ab OR 'brain injur\*':ti,ab OR 'head injur\*':ti,ab OR 'head trauma\*':ti,ab OR 'head contusion\*':ti,ab OR 'head concussion\*':ti,ab OR 'neurologic injur\*':ti,ab OR 'neurological injur\*':ti,ab OR 'brain contusion\*':ti,ab OR 'brain concussion\*':ti,ab OR 'craniocerebral trauma\*':ti,ab OR neurotrauma\*:ti,ab OR 'cerebrovascular trauma\*':ti,ab OR 'commotio cerebri':ti,ab OR 'cerebral concussion\*':ti,ab OR 'severe concussion\*':ti,ab OR 'contusio cerebri':ti,ab OR 'cerebellar contusion\*':ti,ab OR 'cerebral contusion\*':ti,ab OR 'cortical contusion\*':ti,ab OR 'brain lesion\*':ti,ab OR 'cerebral trauma\*':ti,ab OR 'traumatic brain lesion\*':ti,ab OR 'traumatic cerebral lesion':ti,ab) |
| **The Cochrane Library** | (Air Ambulance\* or Helicopter\* or P-HEMS or PHEMS or HEMS or EAMT or critical care team\* or aeromedical or pre-hospital or prehospital or air transport\* or Mobile Medical Team\* or airlifted or ambulance aircraft\*:ti,ab,kw) AND Traumatic Brain Injur\* or Brain Trauma\* or TBI\* or Traumatic Encephalopath\* or Brain injur\* or head injur\* or head trauma\* or head contusion\* or head concussion\* or neurologic injur\* or neurological injur\* or brain contusion\* or brain concussion\* or craniocerebral trauma\* or neurotrauma\* or cerebrovascular trauma\* or Commotio Cerebri or Cerebral Concussion\* or Severe Concussion\* or Contusio Cerebri or Cerebellar Contusion\* or Cerebral Contusion\* or Cortical Contusion\* or brain lesion\* or cerebral trauma\* or traumatic brain lesion\* or traumatic cerebral lesion\*:ti,ab,kw) (Word variations have been searched) |