Literature searches for *Adverse events associated with intra-hospital of critically-ill children: a systematic review*

- Searches run on January 24, 2018
- Duplicates eliminated in Endnote X8
- Excluded inter-hospital studies
- Excluded adult studies

**Ovid MEDLINE; Ovid MEDLINE In-Process & Non-Indexed Citations; Ovid MEDLINE Epub Ahead of Print** (1465 results on January 24, 2018; 1528 results on December 1, 2018)

1. ("intra-facilities" or "intra-facility" or intrafacilit* or "intra-hospital" or "intra-hospitals" or intrahospital* or "intra-institution" or intrainstitution*) and ("hand-off" or handoff* or hand-over* or handover* or relocation* or transfer* or transport*).ti. or (in-house adj2 relocation* or transfer* or transport or transports or transportation)).tw.

2. (exp patient transfer/ or transportation of patients/ or (relocat* or transfer* or transport*).ti.) and (exp intensive care units/ or (icu or icus or nicu or nicus or picu or picus or (critical or intensive) adj2 care)).ti.

3. (or/1-2) not (exp adult/ not (adolescent/ or exp child/ or exp infant/)) not (exp ambulances/ or ambulance*:ti.) not (interhospital* or inter-hospital*) not (intra-facilit* or intrafacilit* or "intra-hospital" or "intra-hospitals" or intrahospital* or "intra-institution" or intrainstitution*).tw.

**Cochrane Central Register of Controlled Trials** (55 results on January 24, 2018; 62 results on December 1, 2018)

1. ("intra-facilities" or "intra-facility" or intrafacilit* or "intra-hospital" or "intra-hospitals" or intrahospital* or "intra-institution" or intrainstitution*) and ("hand-off" or "hand-offs" or handoff* or "hand-over" or "hand-overs" or handover* or relocation* or transfer* or transport*):ti,ab or (in-house and (relocation* or transfer* or transport or transports or transportation)):ti

2. ([mh "patient transfer"] or [mh "transportation of patients"] or (relocat* or transfer* or transport*):ti) and ([mh "intensive care units"] or (icu or icus or nicu or nicus or picu or picus or ((critical or intensive) near/2 care)):ti)

3. #1 or #2 not (#1 adult] not ("intra-facilities" or "intra-institutions" or "intra-institution* or "intra-hospitals" or intrahospital* or "intra-institution* or "intra-institutions" or intrainstitution*).tw.

**Embase.com** (1225 results on January 24, 2018; 1302 results on December 1, 2018)

1. ("intra-facilities" OR 'intra-facility' OR intrafacilit* OR 'intra-hospital' OR 'intra-hospitals' OR intrahospital* OR 'intra-institution' OR 'intra-institutions' OR intrainstitution*) NEAR/5 ('hand-off' OR 'hand-offs' OR handoff* OR 'hand-over' OR 'hand-overs' OR handover* OR relocation* OR transfer* OR transport*):ti,ab) OR ('in-
house':ti AND (relocation*:ti OR transfer*:ti OR transport:ti OR transports:ti OR transportation:ti))

2. ('patient transport'/mj OR relocat*:ti OR transfer*:ti OR transport*:ti) AND ('intensive care unit'/exp OR icu:ti OR icus:ti OR nicu:ti OR nicus:ti OR picu:ti OR picus:ti OR (((critical OR intensive) NEAR/2 care):ti))

3. (#1 OR #2) NOT ('ambulance'/exp OR ambulance*:ti) NOT ('inter-hospital':ti,ab OR 'inter-hospitals':ti,ab OR interhospital*:ti,ab) NOT ('intra-facilities' OR 'intra-facility' OR intrafacilit* OR 'intra-hospital' OR 'intra-hospitals' OR intrahospital* OR 'intra-institution' OR 'intra-institutions' OR intrainstitution*)) NOT ('adult'/exp NOT 'juvenile'/exp)

CINAHL via EBSCOhost (943 results on January 24, 2018; 1003 results on December 1, 2018)

S1. TI ( ((("intra-facilities" OR "intra-facility" OR intrafacilit* OR "intra-hospital" OR "intra-hospitals" OR interhospital* OR "intra-institution" OR "intra-institutions" OR intrainstitution*) ) AND ("hand-off" OR "hand-offs" OR handoff* OR "hand-over" OR "hand-overs" OR handover* OR relocation* OR transfer* OR transport*)) ) OR AB ( ((("intra-facilities" OR "intra-facility" OR intrafacilit* OR "intra-hospital" OR "intra-hospitals" OR intrainstitution*)) OR (("inter-hospital" OR "inter-hospitals" OR interhospital* OR "inter-institution" OR "inter-institutions" OR intrainstitution*)) ) OR TI ("in-house" AND (relocation* OR transfer* OR transport OR transports OR transportation))

S2. MH "transfer, intrahospital" OR MH "transportation of patients" OR TI ( relocat* OR transfer* OR transport* )

S3. MH "intensive care units+" OR TI ( icu OR icus OR nicu OR nicus OR picu OR picus OR ((critical OR intensive) AND care) )

S4. S2 AND S3

S5. S1 OR S4

S6. ( (MH "adult+") NOT ( (MH "Child+") OR (MH "Adolescence+") ) ) OR ( TI ( ((("inter-hospital" OR "inter-hospitals" OR interhospital*) ) AND ("hand-off" OR "hand-offs" OR handoff* OR "hand-over" OR "hand-overs" OR handover* OR relocation* OR transfer* OR transport*)) ) OR AB ( ((("inter-hospital" OR "inter-hospitals" OR interhospital* OR "inter-institution" OR "inter-institutions" OR intrainstitution*)) ) OR (("intra-facilities" OR "intra-facility" OR intrafacilit* OR "intra-hospital" OR "intra-hospitals" OR intrahospital* OR "intra-institution" OR "intra-institutions" OR intrainstitution*)) ) OR ( MH ambulances OR TI ambulance* )

S7. S5 NOT S6