

Queensland Paediatric Transport Triage Tool

Children's Advice and Transport Coordination Hub (CATCH)

Queensland Paediatric Transport Triage Tool: Trauma

Use this tool developed by Children's Advice and Transport Coordination Hub (CATCH) and Retrieval Services Queensland (RSQ) to help you identify children who are likely to need critical care support and inter-hospital transfer.



Does the child have ≥ 1 physiological trigger?

Physiological triggers indicative of a critically unwell child

AT LEAST ONE of the following:

Yes
Contact RSQ
1300 799 127



Less than 2 weeks of age

- RR < 40 or > 6o/min
- SpO2 < 95% in room air
- sBP N/A
- HR < 100 or > 170
- GCS ALOC

OR total CEWT ≥ 6

Less than 1 year of age | Age 1-8 years

- SpO2 < 95% in room airSpO2 < 95% in room airSBP < 70 mmhg
- GCS ALOC GC
- GCS ALOC

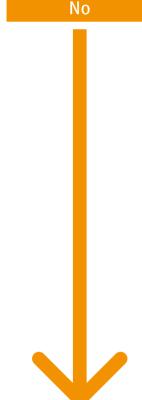
Less than 9-15 years

- RR < 15 or > 25/min
- SpO2 < 95% in room air
- sBP < 80 mmhg
- HR < 65 or > 130
- GCS ALOC

2 Is the child critically unwell or at high risk of deterioration?

Children who are critically unwell or at high risk of deterioration

Yes Contact RSQ 1300 799 127



Specific injury triggers

- spinal cord injury or suspected with motor or sensory deficits
- any C-spine fracture
- flail chest
- major vascular injury
- burns > 10% or airway burns/smoke inhalation
- multiple long bone fractures
- fractured pelvis
- major compound fracture or open dislocation
- serious crush injury of limbs, torso or pelvis
- amputation proximal to wrist or ankle
- penetrating injury to head, neck, chest, abdomen, pelvis, axila
- life-threatening injuries
- suspected fractured pelvis
- significant anatomical injury to a single region or two or more body regions including head, neck, chest, abdomen, pelvis, axilla
- positive pre-hospital FAST scan

Mechanism of injury triggers

- fall > 3 meters
- struck on head by falling object > 3 metres
- motor vehicle accident
- ->60 kms hour
- pedestrian impact
- cyclist
- ejected, rollover, prolonged extrication or fatality in same vehicle
- high-speed collision (including train)
- motor bike accident > 30 kms/hr cyclist, scooter, motorbike or quad bike
- horse related fall, kick
- explosion/blast injuries
- attempted hanging
- reverse over injuries to head, chest, abdomen
- non-fatal drowning in surf/river OR with history/ feature of injury
- axial load to the head (e.g. diving injury)
- handlebar injuries to abdomen

Are you otherwise concerned about the child's safety?



Contact RSQ 1300 799 127



Seek advice via onsite/local paediatric service or relevant surgical service/CATCH/TEMSU as per local practice. First point of call for inter-hospital transfer is local paediatric service. Contact RSQ for aeromedical transfers.

Who do I call for advice



Child is critically unwell, rapidly deteriorating or requiring time-critical care

Contact paediatric or critical care service and other specialists onsite or via **RSQ** on **1300 799 127** (24 hrs).

- Consider early involvement of local paediatric or critical care service.
- Notify RSQ early of children potentially requiring transfer.
- In the event of retrieval, inform your local paediatric service.



Child is acutely unwell, requires escalation of care or non-critical advice

Follow local practices. Options:

- Onsite/local paediatric or relevant surgical service
- Queensland Children's Hospital experts via **CATCH** on **13 CATCH** (**13 22 82**) (24 hrs)
- Local and regional paediatric videoconference support via **TEMSU** on **1800** 114 414 (24 hrs).



