

ACUTE MANAGEMENT OF HEAD INJURY

(Referral Hospitals)

Name _____

MRN _____

GCS 15 MINOR	GCS 14/15 LOW RISK	GCS 14/15 with risk factors INTERMEDIATE RISK	GCS 10-13 HIGH RISK	GCS 9 or less SEVERE
Can include children with scalp bruise or abrasions	Rapid return of normal cerebral function	Persistent drowsiness, lethargy, irritability, headache or behaviour change	Resuscitate, Notify senior Dr, Notify Surgeon/Reg, CT Brain/Transfer	Resuscitate Trauma Call CT Brain/Transfer NETS HOTLINE 1300 362 500
No LOC	LOC 1 minute or less	Suspected skull fracture (boggy heamatoma) or Penetrating injury LOC > 1 minute	PAEDIATRIC GLASCOW COMA SCALE	
Vomiting once or less	Vomiting more than once	Seizure > 1 hour post injury	Eye opening E Nil 1 To pain 2 To voice 3 Spontaneous 4 _____	
Normal Neuro exam	Mild headache or lethargy	Localising signs	Verbal response V Nil 1 Groans 2 Some words, inappropriate/mumbled 3 Confused but recognisable speech 4 Appropriate conversation 5 _____	
No evidence of skull fracture	Seizure < 1 hour post injury	< 2 years old regardless of signs & symptoms	Movement/motor response M Flaccid paralysis 1 Extensor/decerebrate response to pain 2 Flexor/decorticate response to pain 3 Withdraws to pain 4 Localises pain 5 Obeys commands 6 Total = E + V + M = 3 to 15 SCORE _____	
INDICATIONS FOR CT SCAN		Multi-trauma with head injury, unwitnessed LOC, suspected C/S injury, bleeding diathesis, underlying neurological disorder		
All with GCS ≤ 13 ALL with GCS not returning to 15 within 2 hours Suspected Skull # Penetrating Injury High risk mechanism/bleeding disorder				

Triage nurse: RISK SCORE Minor Low Risk Intermediate Risk
 Signed: _____

Doctor: RISK SCORE Minor Low Risk Intermediate Risk
 Signed: _____

MANAGEMENT

MINOR	LOW RISK	INTERMEDIATE RISK	AVPU SCORE																								
<ul style="list-style-type: none"> Can be discharged home head injury information/ Parent Fact Sheet Follow up instructions 	<ul style="list-style-type: none"> Minimum 4 hours Neuro Obs If stable discharge, IF NOT REASSESS RISK Head Injury Information/ Parent Fact Sheet 	<ul style="list-style-type: none"> Admit for observation CT Brain 	Alert Responds to V oice only Responds to P ain only U nresponsive SCORE _____																								
			<table border="1"> <thead> <tr> <th>Age (yrs)</th> <th>BP (systolic)</th> <th>HR (/min)</th> <th>RR (/min)</th> </tr> </thead> <tbody> <tr> <td><1</td> <td>70-90</td> <td>110-160</td> <td>30-40</td> </tr> <tr> <td>1 - 2</td> <td>80-95</td> <td>100-150</td> <td>25-35</td> </tr> <tr> <td>2 - 5</td> <td>80-100</td> <td>95-140</td> <td>25-30</td> </tr> <tr> <td>5 - 12</td> <td>90-110</td> <td>80-120</td> <td>20-25</td> </tr> <tr> <td>> 12</td> <td>100-120</td> <td>60-100</td> <td>15-20</td> </tr> </tbody> </table>	Age (yrs)	BP (systolic)	HR (/min)	RR (/min)	<1	70-90	110-160	30-40	1 - 2	80-95	100-150	25-35	2 - 5	80-100	95-140	25-30	5 - 12	90-110	80-120	20-25	> 12	100-120	60-100	15-20
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