

Adult TIL Advanced with scores to match PED

Recommended time for assessment

	Basic	Intermediate	Advanced
Pre-enrollment	X	X	X
Day 1 post-enrollment	X	X	X
Daily	X	X	X
>once daily			X
Discharge	X	X	X

Intermediate

Corres. to basic level		Assignment of scores to correspond with PED version	
		Score	Max score
1	Head elevation for ICP control	1	
1	Nursed flat (180°) for CPP management	1	1
1	Sedation (low dose as required for mechanical ventilation)	1	
2	Higher dose sedation for ICP control (not aiming for burst suppression)	2	
4	Metabolic suppression for ICP control with high dose barbiturates or propofol	5	
2	Neuromuscular blockade (paralysis)	3	8
	CSF drainage <120 ml/day (<5 ml/hour)	2	
2	CSF drainage ≥ 120 ml/day (≥ 5 ml/hour)	3	3
	Fluid loading for maintenance of cerebral perfusion	1	
2	Vasopressor therapy required for management of cerebral perfusion	1	2
	Mild hypocapnia for ICP control [PaCO ₂ 4.6–5.3kPa (35-40 mmHg)]	1	
3	Moderate hypocapnia for ICP control [PaCO ₂ 4.0-4.5 kPa (30-35 mmHg)]	2	
4	Intensive hypocapnia for ICP control (PaCO ₂ < 4 kPa (30 mmHg))	4	4
2	Hyperosmolar therapy with mannitol up to 2 g/kg/24 hours	2	
2	Hyperosmolar therapy with hypertonic saline up to 0.3 g/kg/24 hours	2	
3	Hyperosmolar therapy with mannitol > 2 g/kg/24 hours	3	
3	Hyperosmolar therapy with hypertonic saline > 0.3 g/kg/24 hours	3	6
1	Treatment of fever (temp. >38°C) or spontaneous temp < 34.5°C		
3	Mild hypothermia for ICP control with a lower limit of 35°C	2	
4	Hypothermia below 35°C	5	5
4	Intracranial operation for progressive mass lesion, not scheduled on admission	4	
4	Decompressive craniectomy	5	9
	Total maximal score:		38

The corresponding TIL basic version is determined by the highest level recorded in all categories.

Advanced

Corres. to basic level		Assignment of scores to correspond with PED version	
		Score	Max score
1	Head elevation for ICP control	1	
1	Nursed flat (180°) for CPP management	1	1
1	Sedation (low dose as required for mechanical ventilation)	1	
2	Higher dose sedation for ICP control (not aiming for burst suppression)	2	
4	Metabolic suppression for ICP control with high dose barbiturates or propofol	5	
2	Neuromuscular blockade (paralysis)	3	8
	CSF drainage <120 ml/day (<5 ml/hour)	2	
2	CSF drainage ≥ 120 ml/day (≥ 5 ml/hour)	3	3
	Fluid loading for maintenance of cerebral perfusion	1	
2	Vasopressor therapy required for management of cerebral perfusion	1	2
	Mild hypocapnia for ICP control [PaCO ₂ 4.6–5.3kPa (35-40 mmHg)]	1	
3	Moderate hypocapnia for ICP control [PaCO ₂ 4.0-4.5 kPa (30-35 mmHg)]	2	
4	Intensive hypocapnia for ICP control (PaCO ₂ < 4 kPa (30 mmHg))	4	4
2	Hyperosmolar therapy with mannitol up to 2 g/kg/24 hours	2	
2	Hyperosmolar therapy with hypertonic saline up to 0.3 g/kg/24 hours	2	
3	Hyperosmolar therapy with mannitol > 2 g/kg/24 hours	3	
3	Hyperosmolar therapy with hypertonic saline > 0.3 g/kg/24 hours	3	6
1	Treatment of fever (temp. >38°C) or spontaneous temp < 34.5°C		
3	Mild hypothermia for ICP control with a lower limit of 35°C	2	
4	Hypothermia below 35°C	5	5
4	Intracranial operation for progressive mass lesion, not scheduled on admission	4	
4	Decompressive craniectomy	5	9
Total maximal score:			38

The corresponding TIL basic version is determined by the highest level recorded in all categories.

Fluids	Total dose vasopressors	Total dose hyperosmolar agents
Fluid in: <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> ml	Noradrenaline: <input type="text"/> <input type="text"/> <input type="text"/> mg	Mannitol: <input type="text"/> <input type="text"/> <input type="text"/> g
Blood and derivates: <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> ml	Phenylephrine: <input type="text"/> <input type="text"/> <input type="text"/> mg	Hypertonic Saline: <input type="text"/> <input type="text"/> <input type="text"/> g
Fluid out: <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> ml	Dopamine: <input type="text"/> <input type="text"/> <input type="text"/> mg	

