Nursing Checklist for the Management of Patient with Intracranial Hypertension

Moni	toring:
	Assess arterial line transducer level frequently
	Maintain arterial pressure, CPP and ICP alarms and target pressures
	Observe ICP waveform for signs of non-compliance
	Hourly pupil, ICP and CPP
	Do not stop sedation for neurological assessment (maintain brain rest)
	Blood gases Q6H and evaluate degree of correlation to ETCO ₂ (at time of blood gas sample)
	Continuous ETCO ₂ for trending
	Continuous temperature monitoring
	CEEG upon admission and until ordered discontinued
	Osmolarity and lytes Q6H if regular osmotic diuretics in use
	Glucose (target 6-8 mmol/L; hypoglycemia or hyperglycemia is bad for the brain)
	Report changes in pupils, ICP/CPP out of target, or EVD not draining as expected.
Preve	nt Secondary Injury/Control Metabolic Rate:
	seizures or pain/agitation
	Maintain SpO₂ 95%
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	prevent suctioning induced hypercarbia (use ICP as guide, ventilator frequency might limit
	manual breath frequency)
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	Prevent, rule out and treat infection
Prom	ote Jugular Venous and CSF Drainage:
	Head of bed 30-45 degrees/reverse Trendelenburg (ICP can be used to guide optimal position)
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	Maintain drainage of CSF as per orders. Troubleshoot/report drainage problems immediately
	Continue drainage at appropriate level during transport ("off" briefly only if drain is below head)