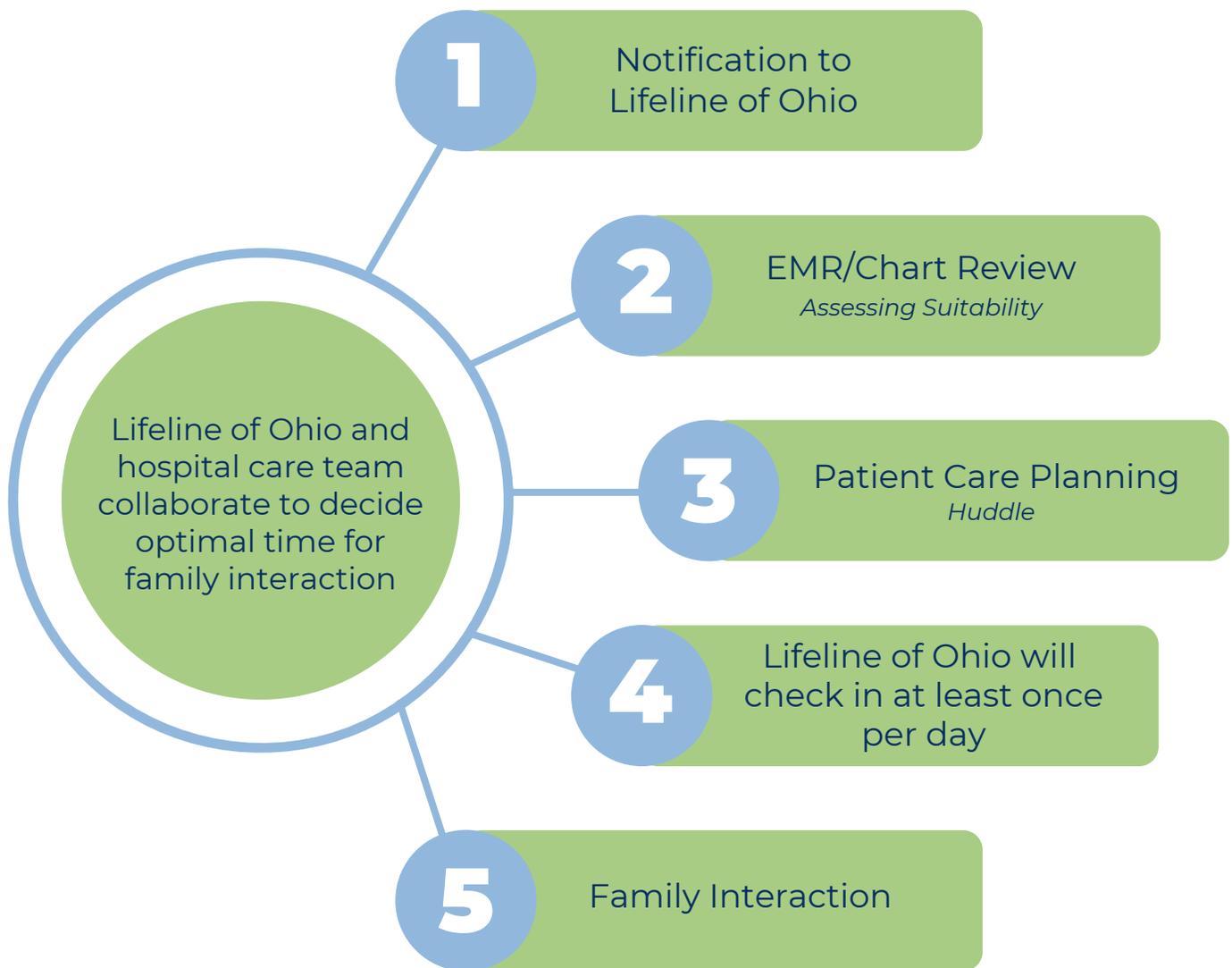


# Pediatric Catastrophic Brain Injury Guidelines (CBIGs)\*

*Maintaining the Option of Donation*

## DONOR MANAGEMENT



*\*Pediatric patient classified as anyone weighing under 50kg*

Created October 2024

# Pediatric Catastrophic Brain Injury Guidelines (CBIGs)\*

*Maintaining the Option of Donation*

## MAINTAIN BLOOD PRESSURE

- Maintain normal blood pressure and MAP per age
- Fluid resuscitation
- Consider inotropic agents/vasopressor support
- Consider invasive hemodynamic monitoring

## OXYGENATION & VENTILATION

Maintain:

- PaO<sub>2</sub> > 100 mmHg
- PaCO<sub>2</sub> 35-45 mmHg
- Arterial pH 7.35-7.45
- PEEP 5.0-8.0
- Aggressive pulmonary hygiene
- Respiratory treatments as needed

## MAINTAIN HOMEOSTASIS

- Monitor labs, including: basic metabolic panel, magnesium, phosphate, heme8, ABGs
- Maintain Hgb > 7g/dL and Hct > 24%
- Monitor and treat electrolytes
- Monitor glucose and treat with insulin (keep 85-180)
- Maintain NA < 155 mmol/L
- Blood bank sample ABO typing

## MAINTAIN URINE OUTPUT

- Treat diabetes insipidus with Vasopressin 0.5-10 milliunits/kg/hr

## NORMALIZE TEMPERATURE

- Maintain core temperature between 36.5 C – 38 C

*These guidelines are recommendations only. Please consult and follow your hospital policy.*

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