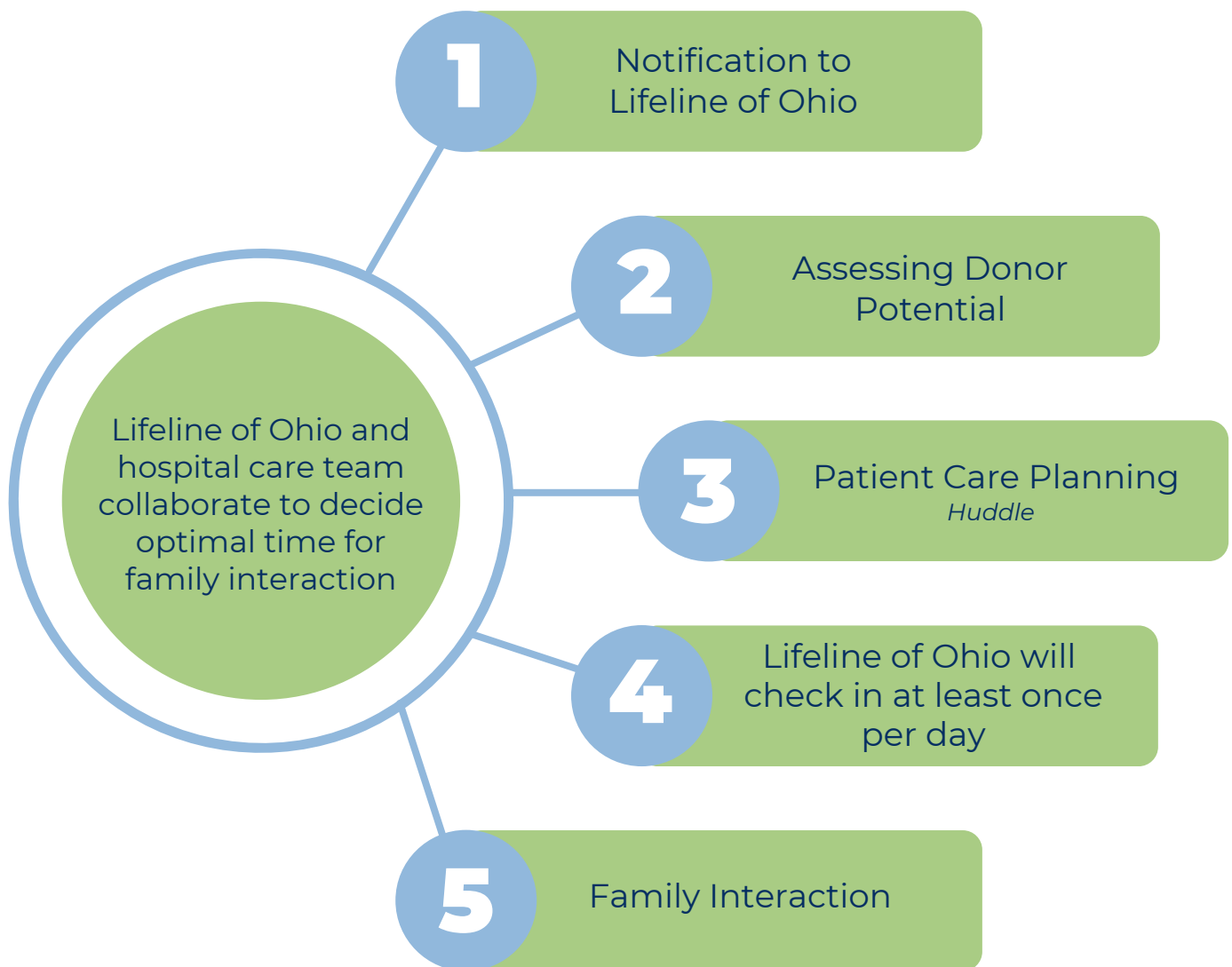


Pediatric Catastrophic Brain Injury Guidelines (CBIGs)*

Maintaining the Option of Donation

DONOR MANAGEMENT



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

Created 10/2024; rev 07/2026

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:

- PaO₂ > 100 mmHg
- PaCO₂ 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.

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