

PICU Rapid Genome Huddle Sheet

“Who qualifies for rapid/ultraRapid genome today?”

Step 1 30 second eligibility screen (ask out loud)

- ☐ Unexplained critical illness/onset (no diagnosis after initial workup)
- ☐ Neurologic emergency (new-onset seizures, encephalopathy, regression)
- ☐ Cardiac instability (shock, post-op complications)
- ☐ Respiratory failure of unclear etiology
- ☐ Sepsis-like presentation with negative workup
- ☐ Metabolic crisis/ acidosis / hyperammonemia
- ☐ Rapid deterioration or escalating support intervention
 - ☐ Ventilations > HFOV > ECMO
- ☐ Multisystem involvement (2+ organ systems unexplained)
- ☐ Known/suspected genetic condition without diagnosis
- ☐ Repeated admissions without clear cause

If YES to >/=1 → Move to step 2



Step 2 Quick rule-out (5 seconds)

- ☐ Diagnosis already confirmed that fully explains presentation
- ☐ Genomic results would not change acute management

If NO → Order rapid/ ultraRapid genome



Step 3 Immediate action

- ☐ Place order
- ☐ Trio ready?
 - Mother • Father
- ☐ Obtain consent
- ☐ Locate testing kit
- ☐ Collect sample(s)

