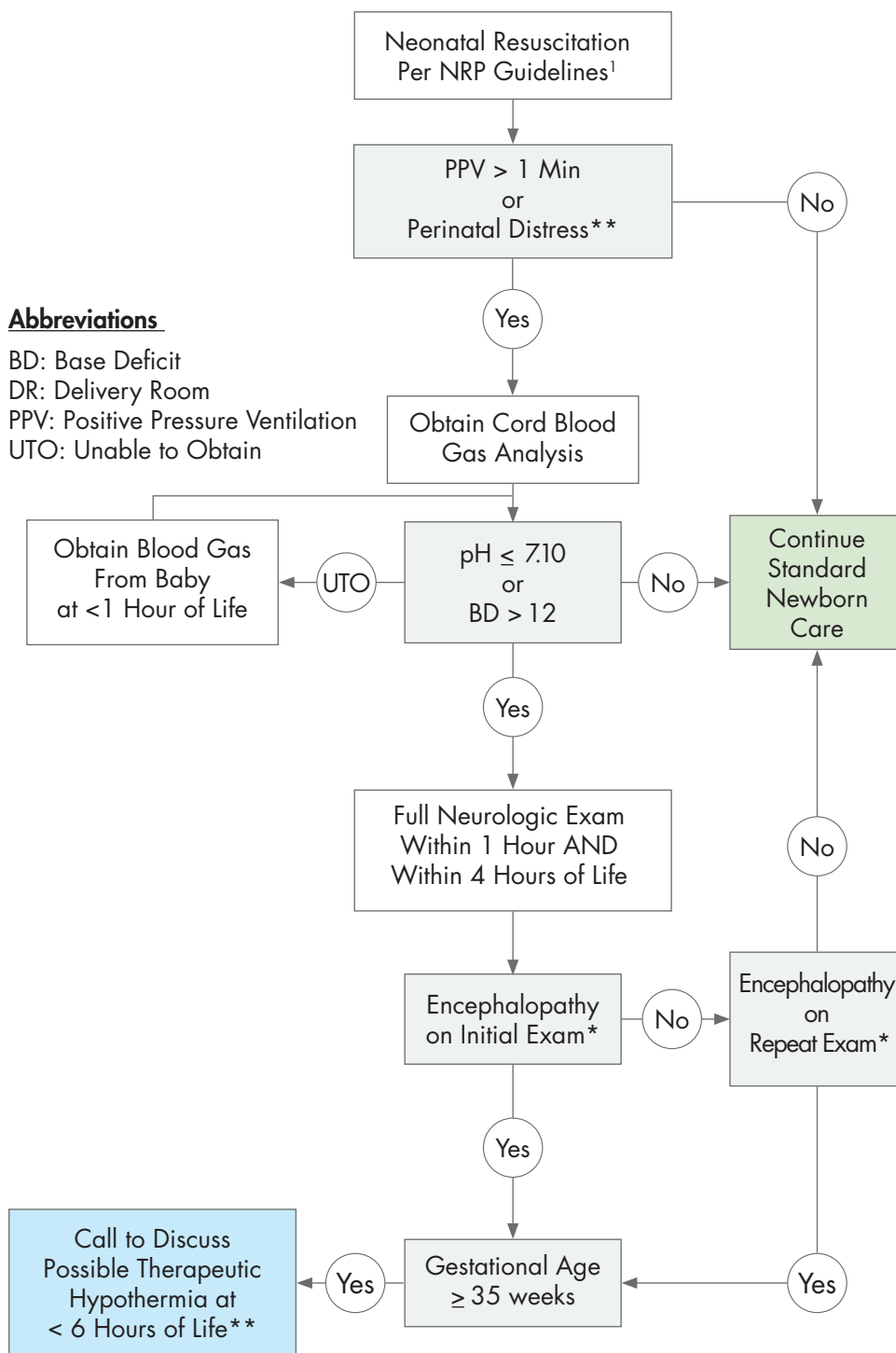


Initial Assessment and Screening for Neonatal Encephalopathy

Abbreviations

BD: Base Deficit
DR: Delivery Room
PPV: Positive Pressure Ventilation
UTO: Unable to Obtain



* PHYSICAL EXAM FINDINGS OF NEONATAL ENCEPHALOPATHY²:

Level of consciousness

Lethargic, obtunded, stupor, coma

Posture

Distal flexion (fingers/toes)
Decerebrate

Tone

Hypotonia (focal or general)
Flaccid

Primitive Reflexes

Weak or absent suck
Incomplete or absent Moro

Autonomic Disturbance

Constricted, unequal, or fixed and dilated pupils
Bradycardia
Periodic breathing or apnea

Seizures

Most will be subclinical

**EXAMPLES OF PERINATAL DISTRESS:

Non-reassuring fetal tracing
Placental abruption
Umbilical cord prolapse
Shoulder dystocia
Abnormal neuro exam in DR

***NOTIFY NEONATOLOGIST IF ANY OF THE FOLLOWING RELATIVE CONTRAINDICATIONS TO HYPOTHERMIA EXIST³:

Life-Limiting Congenital Anomalies
Severe Pulmonary Hypertension
Severe Coagulopathy

REFERENCES

1. Textbook of Neonatal Resuscitation (NRP), 7th Ed. (2016)
2. Sarnat, H. B., & Sarnat, M. S. (1976). Neonatal encephalopathy following fetal distress. A clinical and electroencephalographic study. *Arch Neurol*, 33(10), 696-705.
3. Mosalli, R. (2012). Whole Body Cooling for Infants with Hypoxic-Ischemic Encephalopathy. *Journal of Clinical Neonatology*, 1(2), 101-106.

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