

NEUROLOGIC EXAM CERTIFICATION FORM

New examiners should review the study protocol and training slides prior to completing the certification form.

Check box if examiner is Gold Standard <input type="checkbox"/> If exam is conducted by physician desiring to be certified, provide name of Gold Standard Examiner: _____	Examiner Name _____ Site Name _____	Date of Exam: _____ / _____ / 20____ <div style="text-align: center; font-size: small;"> Month Day Year </div> Time of Exam: _____ : _____ <div style="text-align: center; font-size: small;"> Hour Minute </div>
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Infant # _____ (refer to infant by number. Initials or names should not be used)

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|-------------------------------------|---|---|
| 1. Does the infant have seizures? | Y | N |
| 2. Is the infant sedated/paralyzed? | Y | N |

Complete Scoring using [Definitions for Neurologic Examination](#) and after viewing: [Screening for Neurologic Exam for Therapeutic Hypothermia PPT](#)

The 6 CATEGORIES:	SIGNS OF HIE IN EACH CATEGORY			Your Determination:	
	NORMAL/ MILD HIE	MODERATE HIE	SEVERE HIE		
1. LEVEL OF CONSCIOUSNESS	1	2 = Lethargic	3 = Stupor/coma		= _____
2. SPONTANEOUS ACTIVITY	1	2 = Decreased activity	3 = No activity		= _____
3. POSTURE	1	2 = Distal flexion, complete extension	3 = Decerebrate		= _____
4. TONE	1	2a = Hypotonia (focal or general) 2b = Hypertonia	3a = Flaccid 3b = Rigid		= _____ (note a or b)
5. PRIMITIVE REFLEXES					Code highest level
Suck	1	2 = Weak or has bite	3 = Absent	= _____	
Moro	1	2 = Incomplete	3 = Absent	= _____	
6. AUTONOMIC SYSTEM					Code highest level
Pupils	1	2 = Constricted	3 = Deviation/dilated/non-reactive to light	= _____	
Heart rate	1	2 = Bradycardia	3 = Variable HR	= _____	
Respiration	1	2 = Periodic Breathing	3 = Apnea requiring ventilator 3a= on vent w/ spont breaths 3b= on vent w/out spont breaths	= _____	_____ _____ (if vent, code a or b)

3. Total # Categories should be NO MORE THAN 6 (Count Only the Highest Level in each sign)

_____ Mild/Normal # _____ Moderate # _____ Severe

If Moderate equal Severe, use level of consciousness as tie breaker: Moderate or Severe

The level of encephalopathy will be assigned based on which level of signs (moderate or severe) predominates among the 6 categories. If moderate and severe signs are equally distributed, the designation is then based on the highest level in Category #1: The level of consciousness. An infant may also qualify if there are seizures either alone or with a normal/mild neurological determination.

4. Signs of moderate or severe HIE in at least 3 of the 6 categories above? Y N (circle one)

a. If yes, What is the Level of HIE? MODERATE or SEVERE (circle one)

5. Does this infant qualify for therapeutic hypothermia based on the exam findings? Y N (circle one)

Examiner approved? Y N (circle one)	Reviewer Signature: _____	Date: _____ / _____ / 20____
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Email PDF to Dr. Mike Weiss (weissmd@peds.ufl.edu) and Livia Sura (livia.sura@peds.ufl.edu) (Retain copy in cooling site's Training/Regulatory Binder.

Adopted from: A Phase II Multi-site Study of Autologous Cord Blood Cells for Hypoxic Ischemic Encephalopathy (HIE), 2017 (BABYBAC II).