

CERTIFICATION OF DEATH BY NEUROLOGIC CRITERIA (CRITERIA FORM) Neonates or Patients Less Than 18 Years of Age

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For patient less than 18 years of age, two in-hospital clinical examinations must be performed by two different physicians. (See Table 2 on page 4, "Physicians Eligible to Perform Clinical Examinations"). When the cause of coma is known, the interval between examinations is determined by the age of the patient. For infants less than or equal to 30 days of age both a physical examination showing no brain function and an isoelectric EEG must occur at the beginning of the evaluation and then must be repeated again 48 hours later. In infants greater than 30 days of age the evaluation should occur over a 12-hour period of observation, with physical examinations at the beginning and end of the period. The observation period can be shortened if an ancillary test (typically a cerebral blood flow study) is performed and is consistent with death by neurologic criteria (See Policy "Policy Regarding Determination of Death by Neurologic Criteria" #11.123). In all cases, both examinations must demonstrate no evidence of function of the entire brain. A confirmatory test should be performed only when clinically indicated according to PPMC policy (#11.123). The results of both clinical examinations and the results of any confirmatory tests performed must be documented.

A.	1.	What is the corrected gestational age of the patient?		
		Neonates with an estimated gestational age of less than 37 weeks cannot physical examination due to the normally occurring absence of certain brain stages of development. The assessment of irreversible cessation of all brain infants only when the estimated gestational age and the post-natal life span	n-mediated r n function ca	eflexes in earlier an occur in these
В.	1.	Is the cause of the coma known and sufficient to account for irreversible loss of brain function?	Yes	No
	2.	If the answer to #1 above is yes, please specify diagnosis:		
	3.	If the answer to #1 above is no, has a diligent search for the cause been conducted?		
Gi	ve s	specific information as requested below and answer "Yes" or "No."		
C.		onfounding Factors Were Excluded	Yes	No
	1.	Hypothermia (core body temperature less than 35°C) is not present.		
	2.	Sedation of the patient due to sedation medications or anticonvulsant medications that are above the usually therapeutic range (and specifically a serum level of pentobarbital greater than 5 mcg/mL or a serum level of phenobarbital of greater than 50 mcg/mL).		
	3.	Pharmacologic neuromuscular blockade within 24 hours.		



Label Area

C.	Confounding Factors Were Excluded (continued)		V /	N .T -
	4. Injuries to the patient's face or eyes that preclude elements of the physical examination as outlined below.		Yes	No
	5. Significant hypotension in the patient as judged by the physician (reference values for blood pressure vary by and clinical circumstances).			
	6. Significant electrolyte, acid-base, or endocrine disturbation judged by the attending physician.	nces as		
D.	Unresponsiveness Documented		Yes	No
	1. Coma (Complete unconsciousness, no vocalization or v	volitional activity).	103	110
	2. No spontaneous or induced (oculocephalic, oculovestive eye movement.	• /		
	3. No bulbar (facial or oral pharyngeal) muscle movemen	t.		
	4. Flaccidity, with no spontaneous movements, excluding withdrawal or spinal myoclonus.	reflex		
	Note: Deep tendon reflexes, including stereotypical triple brain death. Purposeful movement or posturing preclude the			compatible with
Ε.	Loss of Brain Stem Function Documented			
	Pupils unreactive to light in the absence of drug influence pupillary activity.	ncing	Yes	No
	2. Absence of the following reflexes			
	a. Corneal			
	b. Gag			
	c. Cough			
	d. Sucking (in neonates and infants)			
	e. Rooting (in neonates and infants)			
•	gnature of kaminer Date	Time	Phone	
Fir	rst Examiner □ Second Examiner □			
Da	nta			



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F. The Apnea Tes		Physician Fx	aminer (Print)	
	CO_2			
	O ₂		1 11	
c. For patier	ats with chronic CO ₂ ref	tention, pre-test and fin	ial pH	
Comments: 1. Apnea test sl	nowed no respiratory m	ovements with the nece	essary CO ₂ rise	and pH fall?
Signature		Date	Time	Phone
First Examiner □	Second Examiner			
	e of confounding fac			patients greater than 30 days g Determination of Death b
Electro cere	nt or sedative medication			are above 32.2°C (90°F) ar aerapeutic range.
Date	Time			
Interpreted b	v·			

2.	Cerebral	blood	flow	study

A cerebral blood flow study demonstrating no flow through the cerebral arteries. Results of Study:				
Date	Time			
Interpreted by:				

Note: If organ donation is contemplated, the physician who certifies brain death cannot participate in the procedure for removing or transplanting the organ.

Table 1: TIME INTERVALS BETWEEN CLINICAL EXAMINATIONS

Patient Age, Etiology of Coma	Minimum Time Interval Between Examinations		
Full term infant-30 days old, known cause of coma	48 hours		
31 days old-17 years old, known cause of coma	12 hours		

Table 2: PHYSICIANS ELIGIBLE TO PERFORM CLINICAL EXAMINATIONS

Patient	First Examination	Second Examination	Notes
31 days to 17 years	Attending physician with privileges to determine brain death	Attending physician with privileges to determine brain death	First and Second Examiner must be two DIFFERENT INDIVIDUALS
Full term infant-30 days old	Attending Neonatologist and Pediatric Neurologists with privileges to determine brain death	Attending Neonatologist with privileges to determine brain death	First and Second Examiner must be two DIFFERENT INDIVIDUALS

^{*}This record must be signed by the physician who has conducted the second clinical examination of the patient and certifies him/her to be dead.