Appendix B. Optional BD/DNC Exam Checklist

PREREQUISITES FOR CLINICAL EXAMINATION	
1. Patient has sustained a catastrophic, permanent brain injury caused by an identified mechanism that is known to lead to brain death/death by neurologic criteria (BD/DNC)	☐ Yes ☐ No Etiology:
2. Neuroimaging consistent with mechanism and severity of brain injury (in patients with primary posterior fossa injury, neuroimaging demonstrates supratentorial injury)	☐ Yes ☐ No
3. Observation for permanency a) ≥48 hours for patients ≤2-years-old b) ≥24 hours for patients ≥2-years-old c) Sufficient amount of time after brain injury to ensure there is no potential for recovery of as determined by the evaluator based on the pathophysiology of the brain injury	☐ Yes ☐ No Observation period (hours): Click or tap here to enter text.
4. Core body temperature ≥36ºC (if temperature was <35.5°C then patient has been ≥36ºC for 24 hours)	☐ Yes ☐ No Value:
5. Systolic Blood Pressure (SBP) ≥100 mm Hg, Mean Arterial Pressure (MAP ≥75 mm Hg for adults. SBP and MAP ≥5th percentile for age in children (<18yrs of age)	☐ Yes ☐ No Value:
6. Exclusion of pharmacologic paralysis	☐ Yes ☐ No
7. Exclude effect of CNS depressing drugs by ½ lives, level, or tox screen (if indicated, Medical Toxicology consultation if any history of overdose, 1-800-222-1222)	☐ Yes ☐ No
8. Exclusion of severe metabolic derangements	☐ Yes ☐ No
9. A reasonable attempt has been made to inform the patient's family of the plan and implications of test results	☐ Yes ☐ No
10. Appropriate steps taken if conflict is present between surrogates and medical team regarding brain death testing.	☐ Yes ☐ No

CLINICAL EXAM *(must be completed to fullest extent possible)*	Yes	No	Not tested
11. Coma with unresponsiveness to visual, auditory, and tactile stimulation	☐	☐	
12. Absent motor responses, other than spinally mediated reflexes, of the head/face, neck, and extremities after application of noxious stimuli to the head/face, trunk, and limbs	☐	☐	
13. Absent pupillary responses to bright light bilaterally	☐	☐	☐
14. Absent oculocephalic reflex (doll's eyes)	☐	☐	☐
15. Absent oculovestibular reflexes bilaterally (cold calorics)	☐	☐	☐
16. Absent corneal reflexes bilaterally	☐	☐	☐
17. Absent gag reflex	☐	☐	☐
18. Absent cough reflex	☐	☐	☐
19. Absence of sucking and rooting reflexes (patients <6 months only)	☐	☐	☐
Clinical examination results (*check one*):			
☐ First ☐ Second clinical exam consistent with BD/DNC			

APNEA TEST	Yes	No
APNEA TESTING PREREQUISITES		
20. Prerequisites as above are met and patient pre-oxygenated	☐	☐
21. pH is normal (7.35-7.45) and $PaCO_2$ is normal (35-45 mm Hg), unless patient with known chronic hypercarbia (see policy)	☐	☐
	pH Value: PaC02 Value:	
APNEA TESTING PERFORMED	☐	☐
22. Final blood gas pH and CO_2 & minutes of apnea. Absence of respiratory effort with a $PaCO_2$ ≥ 60 mm Hg, an increase in $PaCO_2$ of ≥20 mm Hg, and pH<7.3 constitute an apnea test consistent with DNC	final pH Value: final PaC02 Value Minutes Apnea:	

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Appendix B. Optional BD/DNC Exam Checklist

ANCILLARY TESTING	
1. Reason(s) for ancillary testing	☐ Inability to correct metabolic derangements ☐ Inability to complete all clinical tests ☐ Inability to complete apnea test ☐ Uncertainty regarding interpretation of spinally vs. cerebrally mediated motor responses
2. Type of ancillary testing performed	☐ Conventional 4-vessel catheter angiography (digital subtraction angiography) ☐ SPECT radionuclide perfusion scintigraphy or planar radionucleotide angiography (aka cerebral blood flow study) ☐ Transcranial doppler ultrasonography (adults only)
Final ancillary testing results *(check one):*	
☐ Ancillary testing results are consistent with BD/DNC	
☐ Ancillary testing results are <u>not</u> consistent with BD/DNC	

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