## **Exhibit D**

Christopher B. Dolan, heq (5BN 165358) Aimee E. Kirby, Esq. (SBN 216909)	l l
THE DOLAN LAW FIRM	
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Attorneys for Plaintiff	
LATASHA WINKFIELD	
	RT OF CALIFORNIA OF ALAMEDA
LATASHA WINKFIELD, an individual	Case No. PR13-707598
parent and guardian of Jahi McMath, a	
minor	DECLARATION OF IVAN MIKOLAENKO, M.D., IN SUPPORT OF
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Plaintiff,	NOBIS AND REQUEST FOR REVERES
ν.	OF HIDICIAL DETERMINATION OF
	BRAIN DEATH OF JAHI McMATH
CHILDREN'S HOSPITAL & RESEARCH	
CENTER AT OAKLAND, Dr. David	
Durand M.D. and DOES I through 10,	
inclusive	
Defendants.	
Detendants.	
I, Ivan Mikolaenko, M.D., declare as follows:	
	to the Collambia reciping
<ol> <li>I am a Board Certified Physician in</li> </ol>	Neurology with a subspecialty fellowship training
Very Land to Manuscretional Care aleri km	own as a neuroIntensivist. I make this declaration of
my own personal knowledge in support of Plai	intiff's Petition regarding the status of Jahi McMath
concerning brain death.	
2. Attached to this Declaration is a tri	ue and correct copy of my Curriculum Vitae as
Exhibit "A." It is incorporated herein, is made	of my own personal knowledge.
EVIHOR LY ICE HEADER COMPANY	

I obtained my medical education from Bukovynian State Medical University in

Western Ukraine. Following graduation I was a research assistant at the University of Alabama in

Birmingham, Alabama und then post doctorate fellow in the Department of Neurology at Johns

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Medical Center

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26 27 Hopkins School of Medicine, Baltimore, Maryland. I then continued my clinical training as an intern at the Department of Internal Medicine at the University of Tennessee in Memphis and later as a resident at the Department of Neurology at the University of Tennessee in Memphis. I finished my neurology training as a senior resident at the Case Western Reserve University School of Medicine in Cleveland. Ohio. After graduating from Case Western University I became a clinical fellow and a neurology instructor in the Department of Neurology and Neurosurgery. Division of Neurocritical Care at the University of Virginia in Charlottesville, Virginia. I am a member in good standing of the American Academy of Neurology, the Neurocritical Care Society, and Johns Hopkins Medical and Surgical Association. I am on the Peer Review Committee for papers submitted to the Neurocritical care Journal.

4. I have affiliations with the following hospitals: Winthrop University Hospital in

5. I have reviewed the following material: (1) the MRI slide of Jahi McMath's Brain from Dr. Calixto Machado report, (2) the MRA slide of Jahi McMath's Brain from Dr. Calixto Machado report and; (3) the EEG report of Jahi's brain performed by Elena Labkovsky, PhD.

Mineola, NY, South Nassau Communities Hospital; North Shore University Hospital; Huntington

Hospital; Glen Cove Hospital; Syosset Hospital; Long Island Jewish Medical Center; and Mercy

- 6. I have the following opinions to a reasonable degree of medical certainty and probability:
- 7. According to the reports I have read Ms. Jahi McMath on December 9th, 2013 suffered massive blood loss and subsequent cardiac arrest after surgery for treatment of sleep apnea. This

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DECLARATION OF IVAN MIKOLAENKO, M.D.

event lead to a drop in cerebral perfusion and severe anemia, which caused her brain to be deprived of oxygen (hypoxia) and sugar (hypoglycomia) supply, and subsequently led to critical shortage of energy (energy crisis) for neurons. At the same time decreased blood flow to her brain caused decreased removal of lactic acid and other toxic metabolites, which altogether led to permanent damage of certain areas of her brain. But following global ischemia neurons in her brain did not die auddenly and all at once. Many neurons underwent necrosis and apoptosis (selfdestruction), but some survived and recovered some function after brain edema resolved and brain blood flow was restored. This happened most likely due to brain cells selective vulnerability; some neurons are more vulnerable to lack of oxygen and energy than others.

- The brain structure evidenced in her MRI is not consistent with an MRI of a patient that 8. has been brain dead over nine (9) months. By definition, the so called "respirator brain" is nonperfused brain, which develops due to a major global ischemic event and in which cerebral perfusion is not restored. This patient's MRA shows that there is some carebral blood flow which was restored some time after the event. Also the slide of her brain MRI does not show so called "liquefied brain", which by definition is brain with necrotic and autolytic (self-destruction) changes, simply sad the sterile decay of the brain that has mostly died while the rest of her body was kept alive. I could not identify complete disintegration of her brain tissue from the slide I saw, and I did not see complete autolysis (enzymatic auto-digestion) which usually ends in liquefaction of brain. Such brain must vital functions should be ceased and there should not be any generation of electrical activity by dead neurons
- The EEG done by Dr. Labkovsky and her report shows some electrical brain wave 9. activity.
- Based on my review of all information submitted to me and of the testing results 10. performed by other expert witness specialists on Jahi McMath, it is my opinion that she without

any doubt has suffered a very significant brain injury which most certainly led to permanent and severe brain damage. However, it is my opinion that she at this time does not meet the criteria for brain death, because she seems to be not in come anymore as her testing results and some video material showed some evidence of responsiveness to commands

I declare under the penalty of perjury under the laws of the State of California that the 11. forgoing is true and correct. Signed October 7. 2014, in Mineold M.

IVAN MIKOLAENKO, M.D.

1 [	Christopher B. Dolan, Esq. (SBN 165358) Aimee E. Kirby, Esq. (SBN 216909)		2.	
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ı	Attorneys for Plaintiff		É	
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7	SUPERIOR COURT OF CALIFO	RNIA		
8	COUNTY OF ALAMEDA		*	
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10		3-707598		
11	parent and guardian of Jahi McMath, a minor DECLARAT	ION OF CHARLES J.	DΨ	
12	PRESTIGIAC OF PLAINT	COMO, M.D., IN SUPPO FF'S WRIT OF ERROR	K1	
13	CORAM NO	BIS AND REQUEST FO	R	
14	v. REVERES O	ATION OF BRAIN DEAT	ГĤ	
15	OF JAHI Mc	MATH		
I	CHEDREN SHOULTHE CONTROL			
16	Durand M.D. and DOES 1 through 10,	u #		
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22	my own personal knowledge in support of Plaintiff's Petition re	garding the status of Jahi	McMath	
23.	concerning brain death.			
24	24 2. Attached to this Declaration is a true and correct cop	y of my Curriculum Vitae	as	
25		Exhibit "A." It is incorporated herein, is made of my own personal knowledge and constitutes a		
26	26	mer min attende min anima	8	
27	Business Record under the California Evidence Code.			
28	T 1002 I dueted from the Columbia University	College of Physicians and		

Surgeons. I then went on to complete my Residency in Neurological Surgery at the Neurological
Institute of New York, Columbia-Presbyterian Medical Center. I followed my Residency with a
fellowship in Endovascular Neurosurgery at Beth Israel Medical Center, New York, Institute of
Neurology and Neurosurgery, Center for Endovascular Surgery.

- 4. Currently, I am a Professor in the Department of Neurological Surgery and Radiology, at the New Jersey Medical School. I am also the Director of Cerebrovascular and Endovascular Neurosurgery at the University Hospital, and the Program Director of the Neurosurgical Residency Program at the New Jersey Medical School. Lastly, I am a Research Professor in the Department of Biomedical Engineering at the New Jersey Institute of Technology.
- 5. I have reviewed the following material: (1) the MRI of Jahi McMath's Brain, (2) the MRA of Jahi McMath's Brain both conducted at University Hospital.
- 6. I have the following opinions to a reasonable degree of medical certainty and probability:
- 7. The brain structure evidenced in the MRI is not consistent with an MRI of a patient that has been brain dead over nine (9) months.
- 8. The MRA shows that there is intracranial blood flow which is inconsistent with the standard definition of brain death imaging (REFERENCE)
- 9. Based on my review of the testing performed on Jahi McMath it is my opinion that she has suffered a very significant brain injury which will most certainly lead to permanent and severe brain damage however, it is my opinion that, at present, she does not meet the imaging criteria for brain death
- 10. I declare under the penalty of perjury under the laws of the State of California that the forgoing is true and correct.
  - 11. Signed October 8, 2014, in Neurak, NJ.

Charles J. Prestigiacomo, M.D.