The Children's Hospital *of* Philadelphia Infant Test of Neuromuscular Disorders

CHOP INTEND

Name: _____   Diagnosis:_____   Gestational age: _____weeks

Medical Record Number: _____ Date of Birth: _____ Age_____

Date of Evaluation: ___/___/____   Time of evaluation: _____   Time since last feeding: _____

Current health: Good health ☐   URI☐ Other illness ☐:_____   Recent surgery ☐:_____

Feeding support: None ☐   Nasogastric Tube ☐   Gastrostomy Tube ☐

Respiratory support: None ☐ BiPAP☐ for _____ hours/day_____Time off BiPAP at testing___

	Position	Test Procedure	Graded Response		Score	
1 Spontaneous movement (Upper extremity)	Supine	Observe throughout testing May unweight limb or stimulate infant to facilitate response	Antigravity shoulder movement (achieves elbow off surface)	4	L R	Best side: Brazelton State:
			Antigravity elbow movement (achieves hand and forearm off surface)	3		
			Wrist movement	2		
			Finger movement	1		
			No movement of limbs	0		
2 Spontaneous movement (Lower extremity)	Supine	Observe throughout testing May unweight limb or stimulate infant to facilitate response	Antigravity hip movement (achieves feet and knees off surface)	4	L R	Best side: Brazelton State:
			Antigravity hip adduction/internal rotation (knees off surface)	3		
			Active gravity eliminated knee movement	2		
			Ankle movement	1		
			No movement of limbs	0		
3 Hand grip	Supine	Grip strength: place finger in palm and lift until shoulder comes off surface observe when infant looses grasp May use toy of similar diameter for older children	Maintains hand grip with shoulder off bed	4	L R	Best side: Brazelton State:
			Maintains grip with elbow off surface (shoulders on surface)	3		
			Maintains grip with forearm off surface (elbow supported on surface)	2		
			Maintains grip only with no traction	1		
			No attempt to maintain grasp	0		
4 Head in midline with visual stimulation*	Supine head midline	Visual stimulation is given with toy. *If head is maintained in midline for 5 seconds:* Place head in maximum available rotation and provide visual stimulation to encourage midline	Rotates from maximum rotation to midline	4	L>R R>L	Best side: Brazelton State:
			Turns head part way back to midline	3		
			Maintains midline for 5 or more seconds	2		
			Maintains midline, less than 5 seconds	1		
			Head falls to side, no attempts to regain midline	0		
5 Hipadductors	Supine, no diaper	Hips flexed and adducted Feet hip width apart and thighs parallel, knees slightly apart	Keeps knee off surface of bed > 5 sec or lifts foot off surface	4	L R	Best side: Brazelton State:
			Keeps knees off surface of bed 1-5 sec	2		
			No attempt to maintain knees off surface	0		