

NEUROMUSCULAR MATURITY

SIGN	SCORE							SIGN SCORE	
	-1	0	1	2	3	4	5		
Posture									3
Square Window									3
Arm Recoil									3
Popliteal Angle									3
Scarf Sign									3
Heel To Ear									3
TOTAL NEUROMUSCULAR SCORE									18

MATURITY RATING

TOTAL SCORE	WEEKS
-10	20
-5	22
0	24
5	26
10	28
15	30
20	32
25	34
30	36
35	38
40	40
45	42
50	44

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SIGN	SCORE							SIGN SCORE	
	-1	0	1	2	3	4	5		
Skin	Sticky, friable, transparent	gelatinous, red, translucent	smooth pink, visible veins	superficial peeling &/or rash, few veins	cracking, pale areas, rare veins	parchment, deep cracking, no vessels	leathery, cracked, wrinkled	4	
Lanugo	none	sparse	abundant	thinning	bald areas	mostly bald		2	
Plantar Surface	heel-toe 40-50mm: -1 <40mm: -2	>50 mm no crease	faint red marks	anterior transverse crease only	creases ant. 2/3	creases over entire sole		4	
Breast	imperceptible	barely perceptible	flat areola no bud	stippled areola 1-2 mm bud	raised areola 3-4 mm bud	full areola 5-10 mm bud		2	
Eye / Ear	lids fused loosely: -1 tightly: -2	lids open pinna flat stays folded	sl. curved pinna; soft; slow recoil	well-curved pinna; soft but ready recoil	formed & firm instant recoil	thick cartilage ear stiff		3	
Genitals (Male)	scrotum flat, smooth	scrotum empty, faint rugae	testes in upper canal, rare rugae	testes descending, few rugae	testes down, good rugae	testes pendulous, deep rugae		0	
Genitals (Female)	clitoris prominent & labia flat	prominent clitoris & small labia minora	prominent clitoris & enlarging minora	majora & minora equally prominent	majora large, minora small	majora cover clitoris & minora		2	
TOTAL PHYSICAL MATURITY SCORE									16

Gestation by Dates

38	weeks
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Birth date	Hour	
10/25	0855	am

APGAR	1 min	5min
8	9	

Scoring

Gest. Age by Maturity Rating	34 weeks
Time of Exam	Date 10/25/23 Hour 0955 am
Age at Exam	1 hours

Signature of Examiner

J Morales

M.D. / R.N.

References :

Ballard JL, Khoury JC, Wedig K, et al: New Ballard Score, expanded to include extremely premature infants. *J Pediatrics* 1991; 119:417-423.

<http://ballardscore.com/Pages/ScoreSheet.aspx>

Student Name: Jackie Morales

Date: 10/25/23

Instructional Module 6: Newborn Assessment

<p>Color: pink ✓ pale plethoric jaundiced acrocyanosis cyanosis: nailbeds circumoral general</p>	<p>Respirations: <u>non-labored</u> nasal flaring grunting abdominal shallow retracting rate: <u>42</u> rhythm: <u>WNL</u> <u>breath sounds:</u> <u>bilateral</u> diminished</p>	<p>Head: symmetrical ✓ molding caput succedaneum cephalohematoma hair ✓ fontanels: flat ✓ sunken bulging sutures: approximated separated overlapping ✓ circumference: <u>32</u></p>	<p>Skin: clear ✓ vernix ✓ lanugo ✓ milia skin tags mongolian spots ✓ rash pressure marks erythema toxicum ecchymosis petechiae nevi forceps marks Temperature: <u>99.0 F</u></p>		
<p>Neck: <u>freely movable</u> masses</p>	<p>Chest: symmetrical ✓ clavicles intact ✓ circumference: <u>31</u></p>	<p>Mouth: mucus membranes pink ✓ pale cyanotic candida albicans hard palate intact ✓ clefts Epstein's pearls soft palate intact ✓ clefts lips symmetrical ✓ drooping clefts sucking callous</p>	<p>Extremities: Upper symmetrical ✓ spontaneous movement ✓ stimulated movement simian crease ✓ # digits <u>10</u> Lower symmetrical ✓ spontaneous movement ✓ stimulated movement symmetrical gluteal creases ✓ # digits <u>10</u></p>		
<p>Heart: PMI location: <u>3rd intercostal</u> rate: <u>147</u> <u>mid clavicular</u> rhythm: <u>WNL</u></p>		<p>Abdomen: symmetrical ✓ cord status: <u>Clamped</u> femoral pulses: <u>2+</u> bowel sounds: <u>active</u></p>	<p>Eyes: sclera: white ✓ jaundiced subconjunctival hemorrhage chemical conjunctivitis PERRLA ✓</p>		
<p>Nose: symmetrical ✓ patent nares ✓</p>	<p>Trunk/Back: pilonidal dimple tufts of hair straight spinal column ✓ patent anus ✓</p>	<p>Neurological Assessment:</p> <p style="text-align: center;">Check Reflexes if Observed:</p> <table style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <p><u>✓</u> Moro <u>✓</u> Babinski <u>✓</u> Plantar Grasp <u>✓</u> Rooting</p> </td> <td style="width: 50%; vertical-align: top;"> <p><u>✓</u> Sucking <u>✓</u> Palmar grasp <u>✓</u> Stepping <u>✓</u> Tonic Neck</p> </td> </tr> </table>		<p><u>✓</u> Moro <u>✓</u> Babinski <u>✓</u> Plantar Grasp <u>✓</u> Rooting</p>	<p><u>✓</u> Sucking <u>✓</u> Palmar grasp <u>✓</u> Stepping <u>✓</u> Tonic Neck</p>
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<p>Genitals: Female vaginal opening ✓ hymenal tag psuedomenstration Male location of urethral orifice scrotum pendulous rugated testes palpable - circumcision</p>	<p>Ears: symmetrical ✓ aligned with eyes ✓ low set responds to sound</p>				

Student Name: Jackie Moraes

Date: 10/25/23

Instructional Module 6: Newborn Assessment

Gestational Age Assessment

Participate in a gestational assessment; document your findings on the New Ballard Score Form.

What was the gestational age based on your assessment? 34

What was the gestational age based on the antepartum record? 38

Is there a difference? Yes

If so, what could be the reason for the difference? baby was just a little smaller
mom was also petite

AGA LGA SGA

Gestational Age Interpretation:

If your baby was LGA or SGA, describe the contributing factors and potential complications:

N/A

