

N432 Newborn Worksheet

Name: Ngoc Trinh

This assignment should be submitted to the Dropbox by date assigned before 2359. Please provide detail for each area. Complete table (40 points) **Include in-text citations in APA format. Attach Reference page.**

| Area | Normal Findings | Expected Variations |
|-------------|---|--|
| Skin | Warm, dry, and pink. Good skin bounce-back. Hands/feet may look blue for the first 1–2 days. May have a white “creamy” coating (Durham et al., 2023). | Milia, Erythema toxicum, Mongolian spots, Dry/peeling skin, Lanugo (Durham et al., 2023). |
| Head | The head is round/symmetric, may have molding from birth, sutures feel close together, scalp skin is intact (Durham et al., 2023). | Molding, Caput succedaneum, Cephalohematoma, Bruising/petechiae (Durham et al., 2023). |
| Fontanelles | The anterior and posterior fontanelles may gently pulse and appear a little fuller when crying (Durham et al., 2023). | Slight pulsation looks fuller when crying/straining, then goes flat. Posterior fontanel may be hard to feel because it is small and can close early (Durham et al., 2023). |
| Face | Symmetric facial features, moves both sides evenly when crying, no drooping or noticeable swelling at rest (Durham et al., 2023). | Mild bruising or small red spots from delivery, puffy face/eyelids for the first day or two, temporary uneven facial movement right after birth from pressure/positioning (Durham et al., 2023). |
| Eyes | Eyes look clear with no drainage, pupils equal and react to light, red reflex present, eyelids may be slightly puffy after birth (Durham et al., 2023). | Subconjunctival hemorrhage, puffy eyelids/eye swelling for 1 or 2 days, watery eyes from a blocked tear duct, and temporary crossed eyes (Durham et al., 2023). |
| Nose | Nostrils are open, and the baby can breathe through the nose, with no nasal flaring at rest, nose is midline with no drainage (Durham et al., 2023). | Sneezing is common, mild nasal stuffiness/congestion, and clear mucus sometimes after birth (Durham et al., 2023). |

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| Mouth | Lips and mucosa pink and moist, palate intact, strong suck and good rooting reflex, tongue midline, and no excessive drooling (Durham et al., 2023). | Epstein pearls, Bohn nodules, sucking blisters/callus on the lips from feeding, and mild tongue-tie can be seen (Durham et al., 2023). |
| Ears | Ears are well-formed and symmetrical, the top of the ear lines up with the outer corner of the eye. Baby may startle/turn toward sounds (Durham et al., 2023). | Small skin tag near the ear, small ear pit/dimple, Ears may look a little soft/folded right after birth, but firm up later (Durham et al., 2023). |
| Neck | The newborn's neck is short and flexible with a full range of motion, intact clavicles, and no swelling or lumps (Durham et al., 2023). | The newborn may have mild neck stiffness or tenderness from birth positioning or a small lump from muscle strain (torticollis) but should still be able to move the neck (Durham et al., 2023). |
| Chest | The newborn's chest is symmetric with even rise and fall, and nipples are present with no retractions at rest (Durham et al., 2023). | The newborn may have mild breast swelling (with or without a small milky discharge) from maternal hormones (Durham et al., 2023). |
| Breath Sounds | Breath sounds are clear and equal on both sides, with a normal newborn rate and no persistent grunting or retractions at rest (Durham et al., 2023). | The newborn may have periodic breathing (brief pauses) or a few crackles right after birth that clear, but no ongoing flaring, grunting, or retractions (Durham et al., 2023). |
| Heart Sounds | Heart sounds are regular with clear S1/S2, strong pulses, and capillary refill less than 3 seconds (Durham et al., 2023). | A soft, temporary murmur can be normal in the first day or two as circulation changes after birth (Durham et al., 2023). |
| Abdomen | The abdomen is soft and | The newborn may have mild |

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| | rounded with no distention, and bowel sounds are present (Durham et al., 2023). | abdominal fullness after feeds, a small umbilical hernia, or separation of the abdominal muscles (Durham et al., 2023). |
| Bowel Sounds | Bowel sounds are present in all quadrants and the newborn passes meconium within the first 24–48 hours (Durham et al., 2023). | Stools normally change from black sticky meconium to green, then yellow as feeding increases (Durham et al., 2023). |
| Umbilical Cord | The umbilical cord has three vessels, the clamp is secure, and the stump is drying with no redness or drainage (Durham et al., 2023). | The stump may look slightly moist at first and have mild redness right at the base as it dries and starts to separate (Durham et al., 2023). |
| Genitals | Genitals are normal in size and appearance, with a patent urinary opening and no swelling or drainage (Durham et al., 2023). | Females may have swollen labia with a white discharge or small amount of blood, and males may have a hydrocele or undescended testes early on (Durham et al., 2023). |
| Anus | The anus is patent with no lesions, and the newborn passes stool normally (Durham et al., 2023). | A small skin tag can be present, but the newborn should still pass stool without difficulty (Durham et al., 2023). |
| Extremities | The newborn moves all extremities equally with normal flexed tone and has 10 fingers and 10 toes (Durham et al., 2023). | The newborn may have mild tremors/jitteriness, temporary swelling, or feet that look turned but straighten with gentle positioning (Durham et al., 2023). |
| Spine | The spine is straight and intact with no open areas, and the sacral area is smooth without abnormal findings (Durham et | A small, shallow sacral dimple low on the back can be normal if the skin is intact and there is no drainage (Durham et al., 2023). |

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| | al., 2023). | |
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For the following questions and tables, include in-text citations in APA format. Attach Reference page.

1. What safety and security measures are in place for newborns? (5 points)
 - Newborn safety includes matching ID bands for the baby and parents, an electronic security tag/alarm system, locked unit access with staff ID checks, and transporting the baby in a bassinet while teaching safe sleep and infant safety rules (Durham et al., 2023).

2. What are normal ranges for an infant’s heart rate and respiratory rate? (2 points)
 - A normal newborn heart rate is about 110–160 beats/min, and a normal respiratory rate is about 30–60 breaths/min (Durham et al., 2023).

3. What is the normal range and method for acquiring an infant’s temperature? Why is this? (2 points)
 - A normal newborn temperature is 36.5–37.5°C (97.7–99.5°F) and it is usually taken axillary (under the arm) because it is safer for infants than a rectal temperature (Durham et al., 2023).

Complete Table (10 points)

| Medication | Dosage | Administration Site | Possible side effects | Why is this administered? |
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| Vitamin K | 1mg IM (Durham et al., 2023). | Thigh (Durham et al., 2023). | Mild pain, redness, or swelling at the injection site, and a rare allergic reaction (Durham et al., 2023). | It is given to prevent vitamin K deficiency bleeding because newborns have low vitamin K levels needed for blood clotting (Durham et al., 2023). |
| Erythromycin | Thin ribbon (Durham et al., 2023). | Lower conjunctival sac of each eye (Durham et al., 2023). | Possible side effects include mild eye irritation/redness and temporary blurred vision (Durham et al., 2023). | It is given to prevent newborn eye infection (ophthalmia neonatorum), especially from exposure to gonorrhea or chlamydia during birth (Durham et al., 2023). |
| Hepatitis B | 0.5 mL IM (Durham et al., 2023). | IM in the anterolateral thigh (Durham et al., 2023). | Possible side effects include mild soreness/redness at the injection site, low-grade fever, and fussiness | It is given to protect the newborn from hepatitis B infection and lower the risk of chronic hepatitis if |

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| | | | (Durham et al., 2023). | exposed (Durham et al., 2023). |
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Complete Table (20 points)

| Name of Test | Why is this test ordered? |
|--------------------------|--|
| Blood Glucose | Blood glucose is ordered to screen for hypoglycemia and make sure the newborn has a safe blood sugar level, especially if the baby is at risk or has symptoms (Durham et al., 2023). |
| Blood type and Rh Factor | Blood type and Rh factor are ordered to identify the newborn's ABO/Rh status and assess risk for blood incompatibility and jaundice (Durham et al., 2023). |
| Coombs Test | The Coombs test is ordered to detect maternal antibodies on the newborn's red blood cells that can cause hemolysis and jaundice (Durham et al., 2023). |
| Bilirubin levels | Bilirubin levels are ordered to evaluate jaundice severity and determine if treatment like phototherapy is needed (Durham et al., 2023). |
| Newborn Screen | The newborn screen is ordered to detect genetic, metabolic, and endocrine disorders early so treatment can start right away (Durham et al., 2023). |
| Hearing Screen | The hearing screen is ordered to identify hearing loss early so the infant can get timely follow-up and support for language development (Durham et al., 2023). |
| Newborn Cardiac Screen | The newborn cardiac screen is ordered to detect critical congenital heart disease early by checking oxygen saturation levels (Durham et al., 2023). |

1. Identify 3 educational topics that should be discussed with caregivers of the infant. (6 points)
 - Teach caregivers safe sleep practices, how to feed and recognize adequate intake, and which warning signs mean they should call the provider (Durham et al., 2023).
2. Identify 2 potential nursing diagnoses for a newborn patient. (10 points)
 - Two potential nursing diagnoses are Risk for ineffective thermoregulation and Risk for infection (Durham et al., 2023).

Attach Reference page:

N432 Newborn Worksheet Rubric

| Criteria | 40 points | 20 points | 0 points | Comments |
|--|--|---|---|----------|
| <ul style="list-style-type: none"> ▪ Head to toe assessment <ul style="list-style-type: none"> ○ Normal findings ○ Expected variations ▪ Include in-text citations in APA format. | Includes complete and accurate information on all criteria: <ul style="list-style-type: none"> ▪ Head to toe assessment <ul style="list-style-type: none"> ○ Normal findings ○ Expected variations ▪ Include in-text citations in APA format. | Missing 3-4 or incorrect information of the following: <ul style="list-style-type: none"> ▪ Head to toe assessment <ul style="list-style-type: none"> ○ Normal findings ○ Expected variations ▪ Include in-text citations in APA format. | Missing 5 or more or incorrect information of the following: <ul style="list-style-type: none"> ▪ Head to toe assessment <ul style="list-style-type: none"> ○ Normal findings ○ Expected variations ▪ Contains no in-text citations. | |
| Criteria | 5 points | 2.5 points | 0 points | Comments |
| Newborn safety/security <ul style="list-style-type: none"> ▪ Safety measures identified ▪ Security measures identified ▪ Response written in complete sentences. | Includes complete and accurate information on all criteria: Newborn safety/security <ul style="list-style-type: none"> ▪ Safety measures identified ▪ Security measures | Missing 1 or incorrect information of the following: Newborn safety/security <ul style="list-style-type: none"> ▪ Safety measures identified ▪ Security measures | Missing 2 or more or incorrect information of the following: Newborn safety/security <ul style="list-style-type: none"> ▪ Safety measures identified ▪ Security measures | |

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| <ul style="list-style-type: none"> Include in-text citations in APA format. | <ul style="list-style-type: none"> identified Response written in complete sentences. Include in-text citations in APA format. | <ul style="list-style-type: none"> identified Response written in complete sentences. Include in-text citations in APA format. | <ul style="list-style-type: none"> identified Response not written in complete sentences. Contains no in-text citations. | |
| Criteria | 2 points | 1 point | 0 points | Comments |
| <p>Newborn vitals</p> <ul style="list-style-type: none"> Normal range for heart rate Normal range for respiratory rate Response written in complete sentences. Include in-text citations in APA format. | <p>Includes complete and accurate information on all criteria: Newborn vitals</p> <ul style="list-style-type: none"> Normal range for heart rate Normal range for respiratory rate Response written in complete sentences. Include in-text citations in APA format. | <p>Missing 1 or incorrect information of the following: Newborn vitals</p> <ul style="list-style-type: none"> Normal range for heart rate Normal range for respiratory rate Response written in complete sentences. Include in-text citations in APA format. | <p>Missing 2 or more or incorrect information of the following: Newborn vitals</p> <ul style="list-style-type: none"> Normal range for heart rate Normal range for respiratory rate Response not written in complete sentences. Contains no in-text citations. | |
| Criteria | 2 points | 1 points | 0 points | |

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| <p>Newborn</p> <ul style="list-style-type: none"> ▪ Normal range for temperature ▪ Method for taking infants temperature ▪ Why is this method used for temperature? ▪ Response written in complete sentences. ▪ Include in-text citations in APA format. | <p>Includes complete and accurate information on all criteria:</p> <ul style="list-style-type: none"> ▪ Primary cause identified. ▪ Interventions listed to alleviate this issue. ▪ Response written in complete sentences. ▪ Include in-text citations in APA format | <p>Missing 1 or incorrect information of the following:</p> <ul style="list-style-type: none"> ▪ Primary cause identified. ▪ Interventions listed to alleviate this issue. ▪ Response written in complete sentences. ▪ Include in-text citations in APA format | <p>Missing 2 or more or incorrect information of the following:</p> <ul style="list-style-type: none"> ▪ Primary cause identified. ▪ Interventions listed to alleviate this issue. ▪ Response not written in complete sentences. ▪ Contains no in-text citations. | |
| Criteria | 10 points | 5 points | 0 points | Comments |

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| <p>Medications</p> <ul style="list-style-type: none"> ▪ Vitamin K <ul style="list-style-type: none"> ○ Dosage ○ Administration site ○ Possible side effects ○ Why is this administered? ▪ Erythromycin <ul style="list-style-type: none"> ○ Dosage ○ Administration site ○ Possible side effects ○ Why is this administered? ▪ Hepatitis B <ul style="list-style-type: none"> ○ Dosage ○ Administration site ○ Possible side effects ○ Why is this administered? ▪ Response written in complete sentences. ▪ Include in-text citations in APA format | <p>Includes complete and accurate information on all criteria:</p> <p>Medications</p> <ul style="list-style-type: none"> ▪ Vitamin K <ul style="list-style-type: none"> ○ Dosage ○ Administration site ○ Possible side effects ○ Why is this administered? ▪ Erythromycin <ul style="list-style-type: none"> ○ Dosage ○ Administration site ○ Possible side effects ○ Why is this administered? ▪ Hepatitis B <ul style="list-style-type: none"> ○ Dosage ○ Administration site ○ Possible side effects ○ Why is this administered? ▪ Response written in complete sentences. ▪ Include in-text citations in APA format | <p>Missing 3 or incorrect information of the following:</p> <p>Medications</p> <ul style="list-style-type: none"> ▪ Vitamin K <ul style="list-style-type: none"> ○ Dosage ○ Administration site ○ Possible side effects ○ Why is this administered? ▪ Erythromycin <ul style="list-style-type: none"> ○ Dosage ○ Administration site ○ Possible side effects ○ Why is this administered? ▪ Hepatitis B <ul style="list-style-type: none"> ○ Dosage ○ Administration site ○ Possible side effects ○ Why is this administered? ▪ Response written in complete sentences. ▪ Include in-text citations in APA format | <p>Missing 4 or more or incorrect information of the following:</p> <p>Medications</p> <ul style="list-style-type: none"> ▪ Vitamin K <ul style="list-style-type: none"> ○ Dosage ○ Administration site ○ Possible side effects ○ Why is this administered? ▪ Erythromycin <ul style="list-style-type: none"> ○ Dosage ○ Administration site ○ Possible side effects ○ Why is this administered? ▪ Hepatitis B <ul style="list-style-type: none"> ○ Dosage ○ Administration site ○ Possible side effects ○ Why is this administered? ▪ Response not written in complete sentences. ▪ Contains no in-text | |
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| | | | citations. | |
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| Criteria | 20 points | 10 points | 0 points | Comments |
| <ul style="list-style-type: none"> ▪ Lab tests <ul style="list-style-type: none"> ○ Blood glucose levels <ul style="list-style-type: none"> ▪ Why is this test ordered? ○ Blood type and Rh factor <ul style="list-style-type: none"> ▪ Why is this test ordered? ○ Coombs test <ul style="list-style-type: none"> ▪ Why is this test ordered? ○ Bilirubin levels <ul style="list-style-type: none"> ▪ Why is this test ordered? ○ Newborn screen <ul style="list-style-type: none"> ▪ Why is this test ordered? ○ Hearing screen <ul style="list-style-type: none"> ▪ Why is this test ordered? ○ Newborn cardiac screen | <p>Includes complete and accurate information on all criteria:</p> <ul style="list-style-type: none"> ▪ Lab tests <ul style="list-style-type: none"> ○ Blood glucose levels <ul style="list-style-type: none"> ▪ Why is this test ordered? ○ Blood type and Rh factor <ul style="list-style-type: none"> ▪ Why is this test ordered? ○ Coombs test <ul style="list-style-type: none"> ▪ Why is this test ordered? ○ Bilirubin levels <ul style="list-style-type: none"> ▪ Why is this test ordered? ○ Newborn screen <ul style="list-style-type: none"> ▪ Why is this test ordered? ○ Hearing screen <ul style="list-style-type: none"> ▪ Why is this test ordered? | <p>Missing 1 or incorrect information of the following:</p> <ul style="list-style-type: none"> ▪ Lab tests <ul style="list-style-type: none"> ○ Blood glucose levels <ul style="list-style-type: none"> ▪ Why is this test ordered? ○ Blood type and Rh factor <ul style="list-style-type: none"> ▪ Why is this test ordered? ○ Coombs test <ul style="list-style-type: none"> ▪ Why is this test ordered? ○ Bilirubin levels <ul style="list-style-type: none"> ▪ Why is this test ordered? ○ Newborn screen <ul style="list-style-type: none"> ▪ Why is this test ordered? ○ Hearing screen <ul style="list-style-type: none"> ▪ Why is this test ordered? | <p>Missing 2 or more or incorrect information of the following:</p> <ul style="list-style-type: none"> ▪ Lab tests <ul style="list-style-type: none"> ○ Blood glucose levels <ul style="list-style-type: none"> ▪ Why is this test ordered? ○ Blood type and Rh factor <ul style="list-style-type: none"> ▪ Why is this test ordered? ○ Coombs test <ul style="list-style-type: none"> ▪ Why is this test ordered? ○ Bilirubin levels <ul style="list-style-type: none"> ▪ Why is this test ordered? ○ Newborn screen <ul style="list-style-type: none"> ▪ Why is this test ordered? ○ Hearing screen <ul style="list-style-type: none"> ▪ Why is this test ordered? | |

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| <ul style="list-style-type: none"> ▪ Why is this test ordered? ▪ Response written in complete sentences. ▪ Include in-text citations in APA format | <ul style="list-style-type: none"> o Newborn cardiac screen <ul style="list-style-type: none"> ▪ Why is this test ordered? ▪ Response written in complete sentences. ▪ Include in-text citations in APA format | <ul style="list-style-type: none"> o Newborn cardiac screen <ul style="list-style-type: none"> ▪ Why is this test ordered? ▪ Response written in complete sentences. ▪ Include in-text citations in APA format | <ul style="list-style-type: none"> o Newborn cardiac screen <ul style="list-style-type: none"> ▪ Why is this test ordered? ▪ Response written not in complete sentences. ▪ Contains no in-text citations. | |
| Criteria | 6 points | 3 points | 0 points | Comments |
| Education <ul style="list-style-type: none"> ▪ 3 topics that should be covered with caregivers regarding the infant. ▪ Response written in complete sentences. ▪ Include in-text citations in APA format. | Includes complete and accurate information on all criteria: Education <ul style="list-style-type: none"> ▪ 3 topics that should be covered with the caregiver regarding the infant. ▪ Response written in complete sentences. ▪ Include in-text citations in APA format. | Missing 1 or incorrect information of the following: Education <ul style="list-style-type: none"> ▪ 3 topics that should be covered with the caregiver regarding the infant. ▪ Response written in complete sentences. ▪ Include in-text citations in APA format. | Missing 2 or more or incorrect information of the following: Education <ul style="list-style-type: none"> ▪ 3 topics that should be covered with the caregiver regarding the infant. ▪ Responses not written in complete sentences. ▪ Contains no in-text citations. | |
| Criteria | 10 points | 5 points | 0 points | Comments |
| Nursing diagnosis <ul style="list-style-type: none"> ▪ 2 complete diagnoses identified that include related to and evidence by | Includes complete and accurate information on all criteria: Nursing diagnosis <ul style="list-style-type: none"> ▪ 2 complete diagnoses identified that include | Missing 1-2 or incorrect information of the following: Nursing diagnosis <ul style="list-style-type: none"> ▪ 2 complete diagnoses identified that include | Missing 3 or more or incorrect information of the following: Nursing diagnosis <ul style="list-style-type: none"> ▪ 2 complete diagnoses identified that include | |

| | related to and as evidenced by | related to and as evidenced by | related to and as evidenced by | |
|---|---|--|---|---------------|
| Criteria | 5 points | 2.5 points | 0 points | Comments |
| <u>APA Format</u> <ul style="list-style-type: none"> ▪ The student used appropriate APA in-text citations and listed all appropriate references in APA format. ▪ Source(s) utilized should be 5 or less years old. <ul style="list-style-type: none"> ○ Source(s) greater than 5 years old will not be accepted. ▪ Professional writing style, grammar, and spelling was used in all narrative sections. | <ul style="list-style-type: none"> ▪ APA format was completed and appropriate. ▪ Grammar, spelling, and overall writing style were professional and without errors. | <ul style="list-style-type: none"> ▪ APA format was used but not correct with 1-2 errors noted. ▪ 1-2 grammar, spelling, or overall poor writing style was used. ▪ Content was difficult to understand. | <ul style="list-style-type: none"> ▪ No APA format or 3 or more errors noted. ▪ Source(s) utilized were greater than 5 years old. ▪ Grammar, spelling, or writing style did not demonstrate collegiate level writing with 3 or more errors noted | |
| Instructor comments: | | | | TOTAL /100 |