

Patient Care Technician

Health Professions Event

| | | |
|---|---|---------------------------|
| Eligible Divisions: Secondary & Postsecondary / Collegiate | Round 1: 50 Q test in 60 minutes | Digital Upload: NO |
| Solo Event: 1 competitor | Round 2: Skill Demonstration | |



New for 2024 – 2025
This is a new event.

Event Summary

Patient Care Technician allows members to gain the knowledge and skills required for patient care in medical settings. This competitive event consists of two rounds. Round One is a written, multiple-choice test, and the top-scoring competitors advance to Round Two for the skills assessment. This event aims to inspire members to learn more about the field and how to provide quality patient care.

Sponsorship

HOSA-Future Health Professionals is appreciative for the sponsorship of Patient Care Technician by the [National Healthcareer Association](#).



Dress Code

Bonus points will be awarded for [proper dress](#).

Round 1: Proper business attire, official HOSA uniform, or attire appropriate to the occupational area

Round 2: Attire appropriate to the occupational area

Competitor Must Provide:

- A [photo ID](#) both rounds
- Two #2 lead pencils (not mechanical) with eraser for the test.
- Pen
- Barrier devices (non-latex gloves, gown, goggles or safety glasses, mask)

General Rules

1. Competitors must be familiar with and adhere to the [General Rules and Regulations](#).

Official References

2. The below references are used in the development of the test questions and skill rating sheets:
 - a. [Little, Kimberly Townsend. *Fundamental Concepts and Skills for the Patient Care Technician*. Elsevier. Latest edition.](#)
 - b. [Clark, Wilma Lynn. *Hartman's Complete Guide for the EKG Technician*. Hartman Publishing. Latest edition.](#)
 - c. [Certified Patient Care Technician/Assistant \(CPCT/A\) Online Study Guide 2.1](#)

Round One Test

3. [Test Instructions](#): The written test will consist of 50 multiple-choice items in a maximum of 60 minutes.
4. **Time Remaining Announcements:** There will be NO verbal announcements for time remaining during ILC testing. All ILC testing will be completed in the Testing Center and competitors are responsible for monitoring their own time.

5. Written Test Plan

The test plan for Patient Care Technician is:

- Patient Care - 44%
- Compliance, Safety, & Professional Responsibility - 20%
- Infection Control - 12%
- Phlebotomy - 14%
- EKG - 10%

6. The test score from Round One will be used to qualify the competitor for Round Two.

7. Sample Test Questions

1. A patient care technician is assisting a nurse to apply a hand-wrist immobility splint for a patient who has left-sided paralysis due to a stroke. The technician should identify that the splint will secure the patient's hand and wrist in which of the following positions? (Little, Kimberly Townsend)
 - A. **Wrist in slight dorsiflexion**
 - B. Fingers in an extended position
 - C. Fingers rotated slightly in an external position
 - D. Thumb kept in close proximity to the index finger
2. A patient care technician should identify which of the following pieces of personal protective equipment (PPE) should be removed first? (Little, Kimberly Townsend)
 - A. **Gloves**
 - B. Face shield
 - C. Mask
 - D. Goggles
3. A patient care technician is performing a 12-lead EKG for a patient. In which of the following locations should the technician place the V4 lead? (Clark, Wilma Lynn)
 - A. Fourth intercostal space, to the right of the sternum
 - B. Fourth intercostal space, to the left of the sternum
 - C. Left anterior axillary line
 - D. **Fifth intercostal space at the midclavicular line**

Round Two Skills

8. Round Two is the performance of a selected skill(s). The Round Two skills approved for this event are:

| | |
|---|------------|
| Skill I: Discontinue Peripheral IV | 5 minutes |
| Skill II: Applying Sequential Compression Devices | 6 minutes |
| Skill III: Measuring an Infant's Length & Weight | 4 minutes |
| Skill IV: Clean Catch Urine Specimen | 5 minutes |
| Skill V: Routine ETS Venipuncture | 10 minutes |
| Skill VI: Obtaining a 12-Lead EKG | 10 minutes |
| Skill VII: Identify Components of the EKG Strips | 10 minutes |

9. The selected skill(s) will be presented to competitors as a written scenario at the beginning of the round. The scenario will be the same for each team. Some scenarios may involve the combination of multiple skill sheets, in which case some elements may not be scored due either to being duplicative or not appropriate within the scenario. A sample scenario can be found [here](#).
10. The scenario is a secret topic. Competitors MAY NOT discuss or reveal the secret topic until after the event has concluded or will face penalties per [the GRRs](#).
11. Judges will provide competitors with information as the rating sheets directed. Competitors may ask questions of the judges while performing skills if the questions relate to the patient's condition and will be included in the scenario or judge script.

Final Scoring

12. The competitor must earn a score of 70% or higher on the combined skill(s) of the event (excluding the test) to be recognized as an award winner at the ILC.

13. The final rank is determined by adding the round one test score plus the round two skill score. In case of a tie, the highest test score will be used to determine final placement.

PATIENT CARE TECHNICIAN

Section # _____ Division: _____ SS _____ PS/C
 Competitor # _____ Judge's Signature _____

| Skill I: Discontinue Peripheral Intravenous Site (5 minutes) | | Possible | | Awarded |
|---|--|-----------------|---|----------------|
| 1. | Verified physician's orders and reviewed scenario for any bleeding issues. | 2 | 0 | |
| 2. | Obtained needed equipment and supplies. | 1 | 0 | |
| 3. | Washed hands or used alcohol-based handrub for hand hygiene. | 2 | 0 | |
| 4. | Put on gloves. | 2 | 0 | |
| 5. | Identified patient by checking ID bracelet and asking the patient to state their name and birthdate. | 2 | 0 | |
| 6. | Explained skill to patient. | 2 | 0 | |
| 7. | Provided privacy. | 2 | 0 | |
| 8. | Removing dressing: | | | |
| | a. Removed overlying tape. | 1 | 0 | |
| | b. Removed transparent membrane dressing by picking up one corner and pulling the side laterally while holding catheter hub. | 2 | 0 | |
| | c. Repeated pulling dressing from the other side laterally while holding catheter hub. | 2 | 0 | |
| | d. Alternatively, removed gauze dressing and tape one layer at a time. | 2 | 0 | |
| | e. Tape securing catheter to skin left intact. | 2 | 0 | |
| 9. | Turned IV tubing roller clamp to "off" position and removed tape securing tubing. | 2 | 0 | |
| 10. | Removed IV dressing and tape while stabilizing catheter. | 2 | 0 | |
| 11. | Held dry gauze over site. | 1 | 0 | |
| 12. | Applied light pressure and withdrew the catheter using a slow steady movement. | 2 | 0 | |
| 13. | The hub remained parallel to the skin while removing. | 2 | 0 | |
| 14. | Using the dry, sterile gauze, applied pressure to the site for 2 to 3 minutes. | 2 | 0 | |
| 15. | Secured tape snugly over the gauze. | 1 | 0 | |
| 16. | Inspected the catheter for intactness, noting tip integrity and length. | 2 | 0 | |
| 17. | Discarded used supplies. | 1 | 0 | |
| 18. | Removed gloves and washed hands or used alcohol-based handrub for hand hygiene. | 2 | 0 | |
| 19. | Instructed patient to report any erythema, pain, drainage, or edema that occurs after catheter removal. | 2 | 0 | |

| Skill I: Discontinue Peripheral Intravenous Site (con't) | | Possible | | Awarded |
|---|---|-----------------|---|----------------|
| 20. | Document the following:: a. Time peripheral IV infusion was discontinued. | 2 | 0 | |
| | b. Condition of site. | 2 | 0 | |
| | c. Gauge and length of catheter. | 2 | 0 | |
| 21. | Used appropriate verbal and nonverbal communication with patient and other personnel. | 2 | 0 | |
| 22. | Practiced standard precautions throughout skill. | 2 | 0 | |
| TOTAL POINTS – SKILL I: | | 51 | | |
| 70% Mastery for Skill I = 35.7 | | | | |

PATIENT CARE TECHNICIAN

Section # _____ Division: _____ SS _____ PS/Collegiate
 Competitor # _____ Judge's Signature _____

| Skill II: Applying Sequential Compression Devices (6 minutes) | | Possible | Awarded |
|--|--|-----------------|----------------|
| 1. | Assembled equipment and supplies. | 1 0 | |
| 2. | Washed hands or used alcohol-based hand-rub for hand hygiene. | 2 0 | |
| 3. | Identified patient by checking ID bracelet and asking patient to state their name and birthdate. | 2 0 | |
| 4. | Explained the procedure to the patient. | 2 0 | |
| 5. | Provided privacy. | 2 0 | |
| 6. | Arranged sequential compression device (SCD) sleeve under patient's leg according to leg position indicated on inner lining of sleeve. | 2 0 | |
| | a. Back of patient's ankle should line up with ankle on inner lining of sleeve. | | |
| | b. Positioned back of knee with popliteal opening. | 2 0 | |
| 7. | Wrapped SCD sleeve securely around patient's leg. | 2 0 | |
| 8. | Verified fit of SCD sleeves by placing two fingers between patient's legs and sleeve. | 2 0 | |
| 9. | Attached connector of SCD sleeve to plug on mechanical unit using arrow on plug. | 1 0 | |
| 10. | Turned unit on and verified is functioning. | 1 0 | |
| 11. | Observed the functioning of the unit for one full cycle. | 1 0 | |
| 12. | Repositioned patient for comfort. | 1 0 | |
| 13. | Washed hands or used alcohol based hand-rub for hand hygiene. | 1 0 | |
| 14. | Documented in nursing notes. | 2 0 | |
| 15. | Used appropriate verbal and nonverbal communication with patient. | 2 0 | |
| 16. | Practiced standard precautions throughout skill. | 2 0 | |
| TOTAL POINTS – SKILL II: | | 28 | |
| 70% Mastery for Skill II = 19.6 | | | |

PATIENT CARE TECHNICIAN

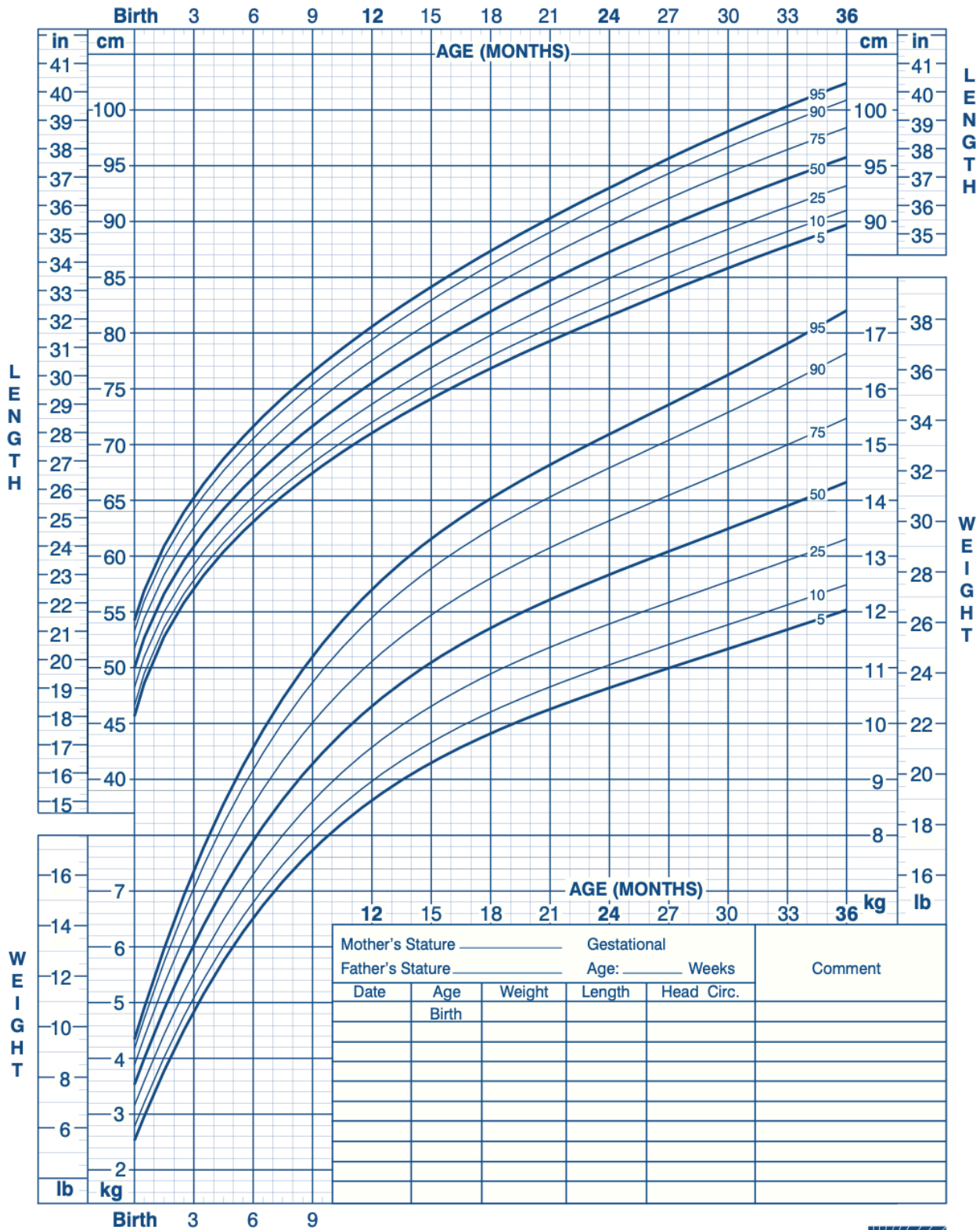
Section # _____ Division: _____ SS _____ PS/Collegiate
 Competitor # _____ Judge's Signature _____

| Skill III: Measuring an Infant's Length & Weight (5 minutes) | Possible | | Awarded |
|---|-----------------|---|----------------|
| 1. Assembled equipment and supplies. | 1 | 0 | |
| 2. Washed hands or used alcohol based hand-rub for hand hygiene. | 2 | 0 | |
| 3. Explained skill to the infant's caregiver. | 2 | 0 | |
| 4. Asked the caregiver to place the infant on their back on the examination paper. | 1 | 0 | |
| 5. Undressed infant - diaper may be left on for length measurement. | 1 | 0 | |
| 6. Asked the caregiver to hold their head still gently. | 1 | 0 | |
| 7. Straightened one leg. | 1 | 0 | |
| 8. Marked on examination paper at the top of the infant's head and at the heel after the leg is extended. | 1 | 0 | |
| 9. Measured the length between marks on exam paper with a tape measure and recorded. | 2 | 0 | |
| 10. Prepared the scale by lining scale with disposable paper. | 2 | 0 | |
| 11. Removed diaper. | 1 | 0 | |
| 12. Placed the infant gently on the scale keeping hand above the infant's trunk for safety. | 2 | 0 | |
| 13. Recorded weight. | 2 | 0 | |
| 14. Washed hands or used alcohol based hand-rub for hand hygiene. | 2 | 0 | |
| 15. Completed growth chart for both height and weight by connecting dots from last visit. | 2 | 0 | |
| 16. Used appropriate verbal and nonverbal communication with patient. | 2 | 0 | |
| 17. Practiced standard precautions throughout skill. | 2 | 0 | |
| TOTAL POINTS – SKILL III | 27 | | |
| 70% Mastery of Skill III = 18.9 | | | |

Birth to 36 months: Boys
Length-for-age and Weight-for-age percentiles

NAME _____

RECORD # _____



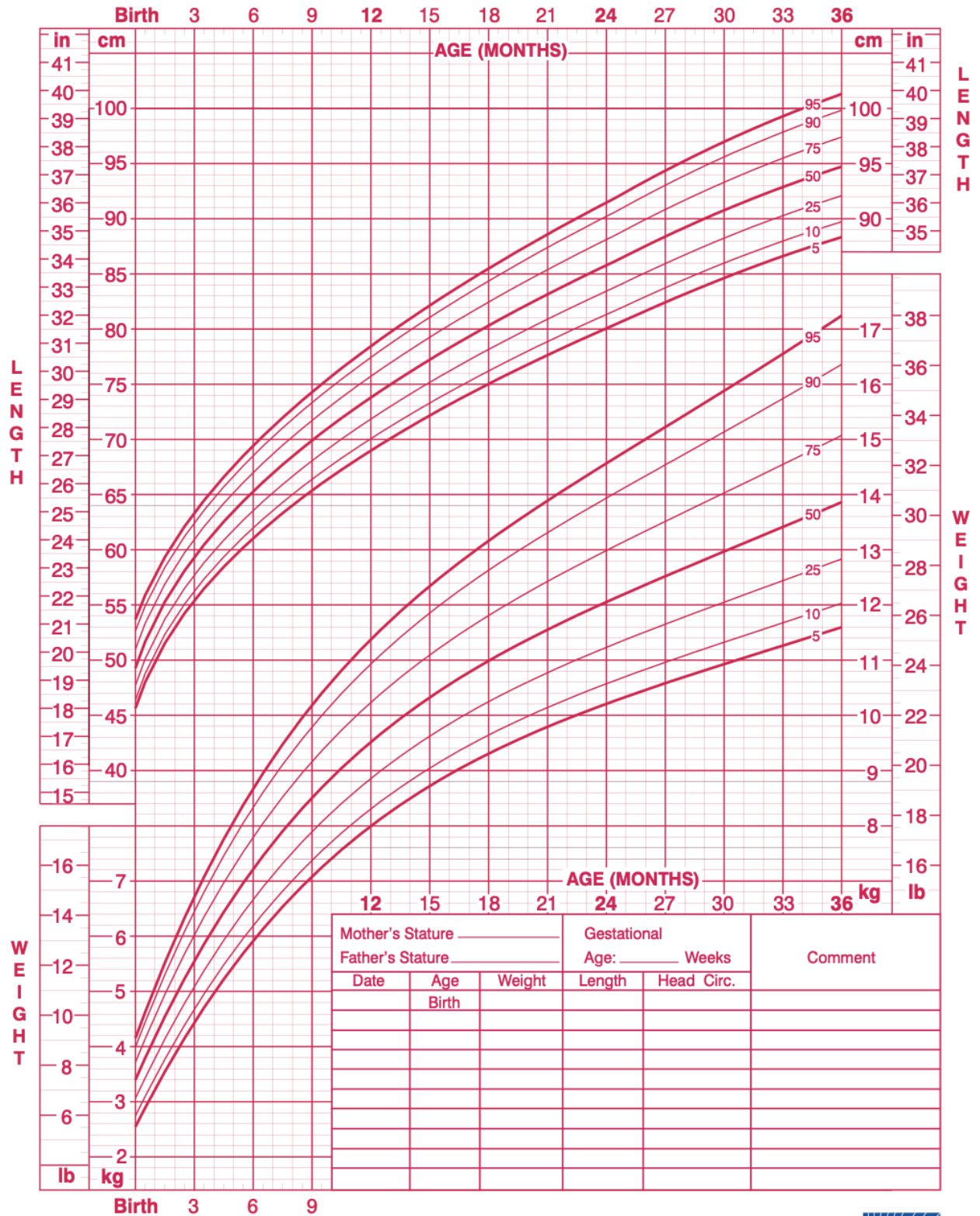
Published May 30, 2000 (modified 4/20/01).
 SOURCE: Developed by the National Center for Health Statistics in collaboration with the National Center for Chronic Disease Prevention and Health Promotion (2000).
<http://www.cdc.gov/growthcharts>



Birth to 36 months: Girls
Length-for-age and Weight-for-age percentiles

NAME _____

RECORD # _____



Published May 30, 2000 (modified 4/20/01).
 SOURCE: Developed by the National Center for Health Statistics in collaboration with the National Center for Chronic Disease Prevention and Health Promotion (2000).
<http://www.cdc.gov/growthcharts>



PATIENT CARE TECHNICIAN

Section # _____ Division: _____ SS _____ PS/C
 Competitor # _____ Judge's Signature _____

The scenario will include the gender of who you will be instructing regarding the clean catch urine specimen.

| Skill IV: Clean Catch Urine Specimen (Time: 5 minutes) | | Possible | Awarded |
|--|---|----------|---------|
| 1. | Reviewed test request/requisition (via the competition scenario). | 2 | 0 |
| 2. | Assembled equipment and supplies. | 1 | 0 |
| 3. | Approached, greeted patient, and identified self. | 2 | 0 |
| 4. | Identified patient by checking ID bracelet and asking patient to state their name and birthdate. | 2 | 0 |
| 5. | Explained the procedure and obtained consent. | 2 | 0 |
| 6. | Labeled the container with patient name and date of birth. | 1 | 0 |
| 7. | Instructed patient to wash hands thoroughly and open the towelette packages. | 2 | 0 |
| 8. | Informed patient to remove the lid of the container, being careful not to touch the inside of the cover of the container. If female patient move to step #9 and if male move to step #10 | 1 | 0 |
| 9. | FEMALE INSTRUCTIONS: | 1 | 0 |
| | a. Directed to stand in squatting position over the toilet. | | |
| | b. Told the patient to separate the folds of the skin around the urinary opening. | 1 | 0 |
| | c. Instructed patient to expose the urinary meatus by spreading apart the labia with one hand. | 1 | 0 |
| | d. Patient instructed to used a separate antiseptic wipe to cleanse each side of the meatus in a front-to-back motion. | 1 | 0 |
| | e. Directed the patient to use a third wipe cleansed directly across the meatus, front to back. | 1 | 0 |
| | f. Told the patient to hold the meatus apart throughout the procedure. | 1 | 0 |
| | g. Informed patient to void a small amount of urine into the toilet. | 1 | 0 |
| | h. Directed the patient to then move the container into position to catch urine in the specimen cup filling halfway. | 1 | 0 |
| | i. Instructed the patient to void the remaining urine into toilet. | 1 | 0 |
| | j. Told to place the lid on the container without touching the inside of the sterile container. | 1 | 0 |
| | k. Directed to wipe as usual and return specimen to designated area. | 1 | 0 |
| | l. Instructed patient to perform hand hygiene. | 2 | 0 |
| 10. | MALE INSTRUCTIONS: | 1 | 0 |
| | a. Directed to expose the penis (foreskin of uncircumcised male must be retracted). | | |
| | b. Instructed to wash around the glans penis on each side with separate wipes. | 1 | 0 |

| Skill IV: Clean Catch Urine Specimen (con't) | | Possible | | Awarded |
|---|---|-------------------|---|----------------|
| c. | Told patient to cleanse directly across the urethral opening using a third wipe. | 1 | 0 | |
| d. | Directed to the patient to void a small amount of urine in toilet. | 1 | 0 | |
| e. | Instructed the patient to then move the container into position to catch urine in the specimen cup filling halfway. | 1 | 0 | |
| f. | Reminded patient of the importance of not allowing penis or hands to touch the side of the container. | 1 | 0 | |
| g. | Instructed the patient to void the remaining urine into toilet. | 1 | 0 | |
| h. | Told to place the lid on the container without touching the inside of the sterile container. | 1 | 0 | |
| i. | Directed to wipe as usual and return specimen to designated area. | 1 | 0 | |
| j. | Instructed patient to perform hand hygiene. | 2 | 0 | |
| 11. | Washed hands or used alcohol-based handrub for hand hygiene. | 1 | 0 | |
| 12. | Documented clean catch urine specimen obtained. | 2 | 0 | |
| 13. | Used appropriate verbal and nonverbal communication with patient and other personnel. | 2 | 0 | |
| 14. | Practiced standard precautions throughout skill. | 2 | 0 | |
| TOTAL POINTS -- SKILL IV | | Female: 33 | | |
| Female: 33 Male: 31 | | Male: 31 | | |
| 70% Mastery for Skill IV = Female – 23.1 Male – 21.7 | | | | |

HOSA Laboratory Requisition

Competitor Name: _____

Patient Name: _____

Date: _____

Ordering Provider: _____

GENERAL

- Bilirubin Total
- Basic Metabolic Panel – (*BUN, Calcium, Creatinine, Electrolytes, Glucose*)
- BUN
- CBC
- CBC 2/diff
- Cholesterol
- COVID – 19 Molecular
- FSH
- GGT
- Hepatic Profile
- Immunoglobulin Profile
- LDH
- Potassium
- Newborn Screen
- Pregnancy Serum
- PR/INR
- Renal Profile - (*Albumin, BUN, Calcium, Creatinine, Electrolytes, Glucose, Phosphorus*)
- Sed Rate
- T3, Total
- T4, Total
- T4 Free, Rapid
- Testosterone, Total
- Triglycerides
- TSH
- Blood Culture
- Urinalysis

OTHER SPECIAL TESTS/INSTRUCTIONS:

PATIENT CARE TECHNICIAN

Section # _____ Division: _____ SS _____ PS/C
 Competitor # _____ Judge's Signature _____

| Skill V: Routine ETS Venipuncture(Time: 10 minutes) | | Possible | | Awarded |
|--|--|----------|---|---------|
| 1. | Reviewed test request/requisition (via the competition scenario). | 2 | 0 | |
| 2. | Assembled equipment and supplies. | 1 | 0 | |
| 3. | Approached, greeted patient, and identified self. | 2 | 0 | |
| 4. | Identified patient by checking ID bracelet and asking the patient to state their name and birthdate. | 2 | 0 | |
| 5. | Verbally matched the patient identification to the requisition. | 2 | 0 | |
| 6. | Explained the procedure and obtained consent. | 2 | 0 | |
| 7. | Sanitized hands and put on gloves. | 2 | 0 | |
| 8. | Assisted patient to sit with arm well supported and slightly downward. | 2 | 0 | |
| 9. | Attached the needle firmly to the Vacutainer holder with cover still on the needle. | 2 | 0 | |
| 10. | Applied tourniquet 3 to 4 inches above the venipuncture, feeling slightly tight but not cutting off blood flow in artery. | 2 | 0 | |
| 11. | Asked the patient to make a fist. | 1 | 0 | |
| 12. | Selected the vein in the antecubital area by palpating with the tip of the index finger to trace the path of the vein and judge the depth. | 1 | 0 | |
| 13. | Released tourniquet, and asked patient to open the fist. | 1 | 0 | |
| 14. | Cleaned selected puncture site with a 70% isopropyl alcohol or antiseptic wipe using a circle motion starting at the center and working outward in a circular pattern. | 2 | 0 | |
| 15. | Allowed the site to air dry for up to 60 seconds before proceeding. | 1 | 0 | |
| 16. | Reapplied the tourniquet and asked patient to make a fist. | 1 | 0 | |
| 17. | Held the Vacutainer assembly in dominant hand with thumb on top and fingers underneath. | 1 | 0 | |
| 18. | Placed first tube in vacutainer without pushing into the double-pointed needle. | 1 | 0 | |
| 19. | Removed the needle sheath. | 1 | 0 | |
| 20. | Used the thumb on the nondominant hand to anchor the vein by stretching the skin downward below the puncture site. | 1 | 0 | |
| 21. | With bevel up, aligned parallel to vein and inserted needle at a 15 to 30 degree angle into the vein in quick smooth motion. | 1 | 0 | |

| Skill V: Routine ETS Venipuncture (con't) | | Possible | | Awarded |
|--|---|-----------------|---|----------------|
| 22. | Placed two fingers on the flanges of the needle holder, and used thumb to engage the tube with the double-pointed needle. | 1 | 0 | |
| 23. | Ensured the needle did not change positions in the vein. | 1 | 0 | |
| 24. | When blood began to flow, directed patient to release their fist. | 1 | 0 | |
| 25. | Allowed tube to fill to maximum capacity | 1 | 0 | |
| 26. | Removed the tube by curling the fingers underneath and pushing on the needle holder with the thumb while taking care not to move needle in the vein | 1 | 0 | |
| 27. | Repeated steps above for filling remaining tubes. | 1 | 0 | |
| 28. | Gently inverted tubes after removing to mix anticoagulants and blood. | 1 | 0 | |
| 29. | As last tube is filling, released the tourniquet. | 1 | 0 | |
| 30. | When the last tube has filled, removed the tube from the needle. | 1 | 0 | |
| 31. | Removed the last tube from holder. | 1 | 0 | |
| 32. | Placed gauze over the puncture site. | 1 | 0 | |
| 33. | Quickly removed needle and engaged safety device. | 2 | 0 | |
| 34. | Disposed of entire unit in sharps container. | 2 | 0 | |
| 35. | Instructed patient to maintain pressure on venipuncture site until bleeding stops and to not bend elbow. | 2 | 0 | |
| 36. | Labeled and prepared tubes for handling and transport before leaving patient. | 1 | 0 | |
| 37. | Checked the puncture site for bleeding and hematoma formation. | 2 | 0 | |
| 38. | Applied a hypoallergenic bandage. | 1 | 0 | |
| 39. | Disinfected work area. | 2 | 0 | |
| 40. | Disposed of used materials. | 2 | 0 | |
| 41. | Removed and disposed of gloves. | 2 | 0 | |
| 42. | Washed hands or used alcohol-based handrub for hand hygiene. | 2 | 0 | |
| 43. | Completed requisition and documented in patient's chart. | 2 | 0 | |
| 44. | Verbalized specimen would be routed to appropriate place. | 2 | 0 | |
| 45. | Used appropriate verbal and nonverbal communication with patient and other personnel. | 2 | 0 | |
| 46. | Tourniquet did not remain on arm for greater than 120 seconds during site selection. | 2 | 0 | |
| 47. | Practiced standard precautions throughout skill. | 2 | 0 | |
| TOTAL POINTS – SKILL V | | 70 | | |
| 70% Mastery for Skill V = 49 | | | | |

HOSA Laboratory Requisition

Competitor Name: _____

Patient Name: _____ Date: _____

Ordering Provider: _____

GENERAL

- Bilirubin Total
- Basic Metabolic Panel – (*BUN, Calcium, Creatinine, Electrolytes, Glucose*)
- BUN
- CBC
- CBC 2/diff
- Cholesterol
- COVID – 19 Molecular
- FSH
- GGT
- Hepatic Profile
- Immunoglobulin Profile
- LDH
- Potassium
- Newborn Screen
- Pregnancy Serum
- PR/INR
- Renal Profile - (*Albumin, BUN, Calcium, Creatinine, Electrolytes, Glucose, Phosphorus*)
- Sed Rate
- T3, Total
- T4, Total
- T4 Free, Rapid
- Testosterone, Total
- Triglycerides
- TSH
- Blood Culture
- Urinalysis

OTHER SPECIAL TESTS/INSTRUCTIONS:

PATIENT CARE TECHNICIAN

Section # _____ Division: _____ SS _____ PS/C
 Competitor # _____ Judge's Signature _____

The patient will be in a gown with an opening in the front for this skill.

| Skill VI: Obtaining a 12-Lead EKG (Time:10 minutes) | | Possible | Awarded |
|--|---|-----------------|----------------|
| 1. | Reviewed test request (scenario) | 2 0 | |
| 2. | Approached, greeted the patient, and identified self. | 2 0 | |
| 3. | Provided patient with privacy. | 2 0 | |
| 4. | Washed hands or used alcohol-based handrub for hand hygiene. | 2 0 | |
| 5. | Identified patient by checking ID bracelet and asking patient to state their name and birthdate. | 2 0 | |
| 6. | Explained the procedure and obtained consent. | 2 0 | |
| 7. | Assisted the patient into a supine position. | 1 0 | |
| 8. | Placed the EKG machine beside the bed and plugged into an electrical outlet. | 1 0 | |
| 9. | Turned the machine on and waited until self-test is completed. | 1 0 | |
| 10. | Entered the patient's information into the machine (name, date of birth) or scanned barcode bracelet (made sure the correct patient information is displaying). | 1 0 | |
| 11. | Verbalized prepared patient's skin by removing lotion or clipping if needed. | 1 0 | |
| 12. | Opened the package of electrodes and attached one electrode to each lead wire by snapping or clipping. | 1 0 | |
| 13. | Attached the electrodes in the correct positions avoiding bony areas, broken skin, scar tissue, and skin over implanted devices | 2 0 | |
| | a. V1 – Right side of sternum @ fourth intercostal space | | |
| | b. V2 - Left side of sternum @ fourth intercostal space | 2 0 | |
| | c. V4 - Left side of chest, fifth intercostal space, anterior axillary line | 2 0 | |
| | d. V3 - Left side of chest, midway between V2 & V4 | 2 0 | |
| | e. V5 – Left side of chest, fifth intercostal space, anterior axillary line | 2 0 | |
| | f. V6 - Left side of chest, fifth intercostal space, midaxillary line | 2 0 | |
| | g. Extremity Lead: LA | 2 0 | |
| | h. Extremity Lead: LL | 2 0 | |
| | i. Extremity Lead: RA | 2 0 | |

| Skill VI: Obtaining a 12-Lead EKG (con't) | | Possible | Awarded |
|---|---|-----------|---------|
| j. | Extremity Lead: RL | 2 | 0 |
| 14. | Asked the patient to relax and be as still as possible, while breathing normally. | 1 | 0 |
| 15. | When the tracing was clear or when machine shows green light, printed the EKG recording. Judge states, "The EKG is ready to be used." | 1 | 0 |
| 16. | Disconnected lead wires, taking care not to pull patient's skin. | 1 | 0 |
| 17. | Asked patient to remove and dispose of electrodes. | 1 | 0 |
| 18. | Washed hands or used alcohol-based handrub for hand hygiene. | 2 | 0 |
| 19. | Verbalized would inform unit staff that EKG is completed. | 1 | 0 |
| 20. | Verbalized uploaded or included file in patients' medical record. | 2 | 0 |
| 21. | Documented the procedure. | 2 | 0 |
| 22. | Verbalized followed policy regarding reporting abnormalities. | 1 | 0 |
| 23. | Verbalized would clean and store EKG machine according to facility policy. | 2 | 0 |
| 24. | Washed hands or used alcohol-based handrub for hand hygiene. | 2 | 0 |
| 25. | Used appropriate verbal and nonverbal communication with patient and other personnel. | 2 | 0 |
| 26. | During the entire procedure maintained privacy by only exposing areas as necessary to prepare the skin or conduct the test. | 2 | 0 |
| 27. | Practiced standard precautions throughout skill. | 2 | 0 |
| TOTAL POINTS – SKILL VI | | 60 | |
| 70% Mastery for Skill VI = 42 | | | |

PATIENT CARE TECHNICIAN

Section # _____ Division: _____ SS _____ PS/C

Competitor # _____ Judge's Signature _____

Strips may include sinus, atrial, junctional, and ventricular rhythms. The skill includes four strips.

| Skill VII : Identify components of the EKG Strips (Time: 10 minutes) | Possible | Awarded |
|--|-----------------|----------------|
| 1. Strip #1 | 2 | 0 |
| a. Heart rate | | |
| b. Regular? | 2 | 0 |
| c. P wave | 2 | 0 |
| d. PR interval | 2 | 0 |
| e. QRS duration | 2 | 0 |
| f. Rhythm name | 2 | 0 |
| 2. Strip #2 | 2 | 0 |
| a. Heart rate | | |
| b. Regular? | 2 | 0 |
| c. P wave | 2 | 0 |
| d. PR interval | 2 | 0 |
| e. QRS duration | 2 | 0 |
| f. Rhythm name | 2 | 0 |
| 3. Strip #3 | 2 | 0 |
| a. Heart rate | | |
| b. Regular? | 2 | 0 |
| c. P wave | 2 | 0 |
| d. PR interval | 2 | 0 |
| e. QRS duration | 2 | 0 |
| f. Rhythm name | 2 | 0 |
| 4. Strip #4 | 2 | 0 |
| a. Heart rate | | |
| b. Regular? | 2 | 0 |
| c. P wave | 2 | 0 |
| d. PR interval | 2 | 0 |
| e. QRS duration | 2 | 0 |
| f. Rhythm name | 2 | 0 |
| TOTAL POINTS -- SKILL | 48 | |
| 70% Mastery for Skill = 33.6 | | |

Competitor ID # _____

SKILL VII: IDENTIFY COMPONENTS OF THE EKG STRIPS

The scenario includes four strips for the competitor to analyze. Each competitor will need one copy of this page to complete.

STRIP #1

Heart Rate _____

Regular? _____

P wave _____

PR interval _____

QRS duration _____

Rhythm name _____

STRIP #2

Heart Rate _____

Regular? _____

P wave _____

PR interval _____

QRS duration _____

Rhythm name _____

STRIP #3

Heart Rate _____

Regular? _____

P wave _____

PR interval _____

QRS duration _____

Rhythm name _____

STRIP #4

Heart Rate _____

Regular? _____

P wave _____

PR interval _____

QRS duration _____

Rhythm name _____

