

Pharmacy Science

Event Category: Health Professions.....

Eligible Divisions: Secondary & Postsecondary/Collegiate	Round One: 50 Q test (60 minutes) **HOSA provides a basic hand-held calculator for this test.	Digital Upload: NO
Solo Event: 1 competitor	Round Two: Skill(s) assessment	



New for 2026-2027

Editorial changes have been made. Official resources have changed. The following resources have been deleted:

- [Johnston, Mike. *The Pharmacy Technician: Foundations and Practices*. Pearson, latest edition](#)
- [McCartney, Lisa. *Sterile Compounding and Aseptic Technique: Concepts, Training, and Assessment for Pharmacy Technician*. Paradigm, First Edition,](#)
- [Moini, Jahangir. *The Pharmacy Technician: A Comprehensive Approach*. Cengage Learning](#)
- Note additional resources added to the official resources listed below. A special landing page has been added.

TEXAS HOSA

Make sure to read TEXAS General Rules and Regulations for updated “Electronic Device Policies” and “Extended Stay Preparation”.

Area Spring Leadership Conference

Round one online test for Area will be given in December. The top ten (10) competitors will advance to round two (2) in person at the Area Spring Leadership Conference. The top three (3) scores in each Area will advance to State.

Texas State Leadership Conference

A Round 1 written exam will be used to slate the top ten (10) competitors for Round 2. Both Round 1 and Round 2 for State will be in person in Irving. The top three (3) scores from State will advance to ILC.

Event Summary

Pharmacy Science enables members to acquire the knowledge and skills necessary for careers in pharmacy. 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 of pharmacy, including careers and practices.

Sponsorship

HOSA- Future Health Professionals appreciates the sponsorship of this event by the ASHP . ASHP has developed a special landing page for HOSA competitors and advisors.	
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General Event Information

General Rules	Competitors must be familiar with and adhere to the General Rules and Regulations .
Dress Code	Proper business attire or official HOSA uniform. Bonus points will be awarded for proper dress . • Round One: Proper business attire, official HOSA uniform, or attire appropriate to the occupational area. • Round Two: Attire appropriate to the occupational area.
Competitors Must Provide	• Photo ID for both rounds • Two #2 lead pencils (not mechanical) with erasers for the test.

	• Neon colored foam earplugs, NOT earbuds, for noise control (Rd1-optional) • Ink pen • Shoe covers • Face mask • Hair cover • Beard cover (if appropriate) • Hair Tie to pull back long hair (if appropriate) • Non-shedding gown with snug-fitting cuffs • Eye shields or goggles • Sterile, powder-free, latex-free gloves HOSA Conference Staff will provide equipment and supplies listed in Appendix I.
Official References	The references below are used in the development of the test questions and skill rating sheets: http://www.ashp.org/hosa. HOSA student discount code to purchase ASHP resources: http://www.ashp.org/hosa a. Bachenheimer and Phillips. <i>Manual for Pharmacy Technician</i>. ashp. Latest edition. b. Stuhan, Mary Ann. <i>Understanding Pharmacology for Pharmacy Technicians</i>. ashp. Latest edition. c. https://www.drugs.com/article/prescription-abbreviations.html The following references are used in the development of the skill rating sheets only. Learning, Latest edition. (Skills Only) a. American Academy of Allergy, Asthma, and Immunology. (Symptoms and Diagnosis tab) (as posted as of September 1, 2026). b. nationwidechildrens.org (as posted as of September 1, 2026). The following additional resource is available at HOSA Webinars: ASHP - The Pharmacy Files.

ROUND ONE- Test

Test Instructions	All competitors will be given a test and answer sheet. The written test will consist of 50 multiple-choice items in a maximum of 60 minutes. See test instructions here. At the International Leadership Conference, HOSA will provide basic handheld calculators (no graphing calculators) for addition, subtraction, division, multiplication, and square root. USE OF ZERO: Decimal expressions of less than 1 should be preceded by a zero—a “leading zero.” A whole number should never be followed by a decimal point and a zero – “trailing zero.”
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.
Written Test Plan	The written test for Pharmacy Science is: • Pharmacy Practice History & Practice Settings - 4% • Pharmacy Law & Ethics and Safety & Infection Control - 10% • Pharmacy Terminology & Abbreviations - 10% • Dosage Formulations & Administration Routes - 10% • Sterile and Non-Sterile Compounding - 10% • Concentration & Dilutions - 10% • Disorders & Treatments - 46%

Sample Test Questions	- What is the term for the study of the movement of a drug through body systems, including absorption, distribution, metabolism, and excretion? (Stuham pp 19) - Pharmacology Pharmacokinetics - Therapeutics - Pharmacogenomics - What law was passed in 1938 which began to regulate drugs and prohibit false therapeutic claims? (Bachenheimer & Phillips pp 53) - Durham-Humphrey Amendment - Omnibus Budget Reconciliation Act - Harris Narcotic Tax Act Food, Drug, and Cosmetic Act - If a patient is to receive 1 ounce of an over-the-counter medication, how many tablespoons should be given? (Bachenheimer & Phillips pp 325) 1 tablespoon 2 tablespoons 3 tablespoons 4. tablespoons
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ROUND TWO- Skill Assessment

1. The top competitors from Round One will advance to Round Two. The number of advancing competitors will be determined by the scores obtained in Round One and the space and time available for Round Two. Round Two finalists will be announced on-site at ILC per the conference agenda.			
2. Round Two is a selected skill(s) assessment. The skills approved for this event are:			
Skill I: Identifying Instrument/Equipment (including name of instrument and purpose of use) **See list of instruments below			15 minutes
Skill II: Verifying the Content of a Controlled Substance Prescription and DEA Number			6 minutes
Skill III: Withdrawing Liquid from a Vial			15 minutes
Skill IV: Compounding an Oral Suspension			15 minutes
Skill V: Patient Screening for Pharmacist Consultation and Services			4 minutes
Skill VI: Filling A Prescription			5 minutes
Skill VII: Aseptic Garbing, Hand Washing and Gloving			10 minutes
3. Skill I may be administered with the Round One written test. If this skill is administered with written test, the skill assessment allotted time will be added to the written test allotted time.			
4. For all skills, body fluids and medications will be simulated products.			
Below is the list of equipment/instruments used for the Skill I: Identify Instruments/Equipment . Could be 15 numbered photos or images.			
Ampules	Forceps - Tissue	Liquid Oral Syringe	Spatula
Autoclave	Forceps - Hemostatic	Medicine Cup	Stirring Rods
Auxiliary Labels	Graduated Cylinders	Liquid Oral Syringe	Suppository Mold – Aluminum Type
Beaker Tongs	Eyewash Station	Medicine Cup	Suppository Mold – Plastic Type
Beakers	Heat Gun	Medicine Dropper	Syringes

Calibrated Spoon	Hot Plate	Mortar	Tablet Mold
Compounding Slabs or Disposable Slabs	Indicator Strip (used for sterilization)	Pestle	Transdermal Patch
Conical Graduates	Insulin Syringes	Pipettes	Tuberculin Syringe
Counting Trays	Intravenous Injection	Safety Syringes	Ultrasonic Cleaning Unit
Crimper	Laminar Airflow Hood	Sharps Container	Weights

- 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 competitor. Some scenarios may involve the combination of multiple skills. In the event rating sheets are combined, it is not necessary to repeat a task a second time. An example would be that competitors would not need to identify the patient twice. A sample scenario is available [here](#).
- Timing will begin when the scenario is presented to the competitors and will be stopped at the end of the time allowed. 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](#).
- Competitors must complete all skill steps listed in the guidelines, even if the steps must be simulated/ verbalized. (If the equipment is available, the competitors would complete all skill steps as the scenario warrants. The competitors will simulate/verbalize the steps if the equipment is unavailable.)
- Judges will provide information to competitors as directed by the rating sheets. Competitors may ask questions of the judges while performing skills, if the questions relate to patient's condition and will be included in the scenario or judge script.
- Competitors must use all equipment correctly and safely. Judges will stop a student and not award points for a step if they see a competitor is about to cause a risk of harm or about to damage equipment or other supplies.

Final Scoring

- The competitor must earn a score of 70% or higher on the combined skill(s) in Round Two-Skills Assessment (excluding the test and Identifying Equipment) in order to be recognized as an award winner at the ILC.
- The final rank is determined by adding the round one test score plus the round two skill score. In the event of a tie, the highest test score will be used to determine the final placement.

Final Opportunities

The HOSA Scholarship program has funding available for HOSA members who have an interest in various health careers! The application process begins January 1, 2027, and can be found here: <https://hosa.org/scholarships/>.

Graduating from high school or completing your postsecondary/collegiate program does not mean your HOSA journey has to end. As a HOSA member, you are eligible to become a HOSA Lifetime Alumni Member- a free and valuable opportunity to remain connected, give back, and help to shape the future of the organization. Learn more and sign up at hosa.org/alumni.

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Skill I: Identify Instruments/Equipment

Time: 15 minutes

Competitor #: _____ Division: ____SS____PS/C Judge's Signature: _____

	Name of Instrument	Points (1 each for name & spelling)			Purpose of Use	One point for correct purpose/use	
1.		2	1	0		1	0
2.		2	1	0		1	0
3.		2	1	0		1	0
4.		2	1	0		1	0
5.		2	1	0		1	0
6.		2	1	0		1	0
7.		2	1	0		1	0
8.		2	1	0		1	0
9.		2	1	0		1	0
10.		2	1	0		1	0
11.		2	1	0		1	0
12.		2	1	0		1	0
13.		2	1	0		1	0
14.		2	1	0		1	0
15.		2	1	0		1	0
Total ID & Spelling (30 possible): _____					Total Purpose (15 possible): _____		
Total Points (45 possible): _____							

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Skill II: Verifying the Content of a Controlled Substance Prescription and DEA Number

*** Via the event scenario, the competitor will be given a prescription. Each competitor will also be given a Prescription Verification Form, which acts as the rating sheet (page 7 of the guidelines). The prescription in the scenario will have missing information. Competitors must know all the prescription components (below) to identify which components are missing. The judges will score the Prescription Verification Form using the points indicated.

When verifying a Controlled Substance Prescription with DEA Number, the below list of items must all be verified.

1. Patient Information
 - a. Name
 - b. Address
 - c. Date of Birth
2. Prescriber Information
 - a. Name
 - b. Address
 - c. Telephone Number
 - d. License Number
3. DEA Number
 - a. Verified the second letter corresponds to the first letter of the provider's last name
 - b. Added the first, third, and fifth digits of the DEA number.
 - c. Added the second, fourth, and sixth digits of the DEA number. Double the sum.
 - d. Added the sum of b and c.
 - e. Verified that the last digit from step d matches the last digit of the DEA number.
4. When prescribed
 - a. Month
 - b. Day
 - c. Year
5. Drug name and strength
6. Dose and quantity
7. Route of administration
8. Directions (signature or "Sig")
9. Number of refills authorized
10. Product selection was permitted
11. Prescriber's signature
12. No dangerous abbreviations, acronyms, or symbols are used from the Joint Commission's "Minimum" Do Not Use list and the Joint Commission's "Recommended" Do Not Use List.

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Skill II: Verifying the Content of a Controlled Substance Prescription and DEA Number- Rating Sheet

Time: 6 minutes

*Name brand and generic names will be used in the scenarios

Competitor #: _____ Division: ____SS____PS/C Judge's Signature: _____

Skill II: Verifying the Content of a Controlled Substance Prescription and DEA Number		Possible	Awarded
1.	Please list the 5 components missing from the prescription given to you (below):	-	
	a.	3 0	
	b.	3 0	
	c.	3 0	
	d.	3 0	
	e.	3 0	
2.	Write the DEA number listed on the prescription: _____ _____	1 0	
3.	Determine the validity of the DEA Number by showing your work in five steps:	-	
	a.	1 0	
	b.	1 0	
	c.	1 0	
	d.	1 0	
	e.	1 0	
4.	Is the DEA Number valid? Yes _____ No _____	3 0	
5.	Are there any dangerous abbreviations, acronyms, or symbols used from the Joint Commission's "Minimum" Do Not Use list and the Joint Commission's "Recommended" Do Not Use List? Yes: ____List Below No: _____	3 0	

Skill II: Continued...		Possible	Awarded
6.	If the prescription lacks the required elements, what steps would you take?	20	
Total Points- Skill II: 70% Mastery for Skill II: 20.5		29	

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Skill III: Withdrawing Liquid from a Vial

Time: 15 minutes

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

	Skill III: Withdrawing Liquid from a Vial	Possible	Awarded
1.	Obtained the medication order.	1 0	
2.	Obtained needed supplies and placed in a transport vehicle.	1 0	
3.	Performed calculation based on scenario.	4 0	
4.	Verbalized: "I have donned PPE and washed my hands, and donned sterile gloves."	2 0	
CLEAN ROOM PROCEDURE			
5.	Verbalized cleaning the hood - competitor included which surface cleaned with what supplies.	2 0	
6.	Placed all supply items for the skill into the outer six-inch staging area of the hood.	1 0	
7.	Placed the vial within the Direct Compounding Area (DCA).	1 0	
8.	Removed the flip-top cap and placed it in the discard pile.	1 0	
9.	Opened an alcohol swab within the Direct Compounding Area and placed the wrapper on the discard pile.	1 0	
10.	Placed the used swab on the hood's work surface within the DCA. Swabbed the top of the medicine vial and discarded the used swab in the discard pile.	2 0	
11.	Swabbed the top of the medicine vial and discarded the used swab in the discard pile.	1 0	
12.	Aseptically attached a needle to the syringe and gently screwed the needle hub onto the syringe tip.	2 0	
13.	Pulled the plunger back on the syringe to slightly less than the amount needed to be drawn up.	1 0	
14.	Removed the needle cap and placed it onto the alcohol swab.	2 0	
15.	Used the thumb and forefinger of the nondominant hand, to stabilize the vial against the hood's work surface.	1 0	
16.	Placed the needle tip bevel up and inserted at a 45-degree angle through the stopper.	1 0	
17.	Gently pushed the air from the syringe into the vial.	1 0	
18.	Used nondominant hand holding the vial and the dominant hand to maintain the needle in the vial while inverting the vial so that needle and syringe is below the vial.	1 0	
19.	Allowed fluid to move from the vial to syringe. If needed, pulled back on the plunger until the desired amount is withdrawn.	1 0	
20.	Checked syringe contents for bubbles and taped syringe to move air bubbles to hub, then push bubbles into the vial.	2 0	
21.	Withdrew needle from vial.	1 0	
22.	Carefully recapped needle.	1 0	
23.	<i>*Judge verified the correct medication and the amount of liquid was withdrawn.</i>	4 0	

Skill III: Continued...		Possible		Awarded
24.	Labeled the syringe and placed the completed syringe and other supply items on the transport vehicle.	2	0	
25.	Discarded waste items in proper waste containers.	2	0	
26.	Returned to anteroom and returned unused supply items to proper storage.	1	0	
27.	Verbalized removing all PPE in anteroom.	2	0	
28.	Washed hands or used alcohol based hand-rub for hand hygiene.	1	0	
Total Points- Skill III: 70% Mastery for Skill II: 30.1		43		

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Skill IV: Compounding an Oral Suspension

Time: 15 minutes

Competitor #: _____ Division: ____SS____PS/C Judge's Signature: _____

	Skill IV: Compounding an Oral Suspension	Possible	Awarded
1.	Obtained the completed recipe or completed formula via scenario using the Master Formula sheet.	1 0	
2.	Checked the amount per dose and the total volume-needed to be prepared with the pharmacist (judge).	2 0	
3.	Used Master Formula sheet to obtain needed medication: a. Obtained the correct number of tablets needed.	2 0	
	b. verified with pharmacist (judge) both the drug product selected and the number of tablets needed for compounding, based on the Master Formula Sheet	2 0	
* Judge verified accuracy. The competitor proceeds either way. Points only awarded if the correct number of tablets were obtained.			
4.	Obtained needed equipment	1 0	
5.	Washed hands or used alcohol based hand-rub for hand hygiene.	2 0	
6.	Donned or verbalized donning personal protective equipment: hair cover, face mask, gloves, and gown.	2 0	
7.	Crushed or reduced to a fine powder by using mortar and pestle.	1 0	
8.	Added a small amount of suspending vehicle to wet the powder, and then mixed (levigated) the powder with the liquid until a smooth paste is formed.	1 0	
9.	Continued to add suspending vehicle until product is liquid enough to transfer to a graduated cylinder.	1 0	
10.	Poured the liquid into a graduated cylinder.	1 0	
11.	Rinsed mortar several times with small amounts of suspending vehicle and added to the product in the graduated cylinder.	1 0	
12.	Added suspending vehicle to bring product up to the required final volume and verified the amount of suspension at eye level.	2 0	
13.	Poured the compounded suspension into the most appropriately sized amber oval medication bottle, sealed bottle and shook well.	1 0	
14.	Selected the appropriate label from those provided and affixed to the medication bottle. <i>*Judge verified accuracy. Points awarded only if the correct label(s) was selected and affixed.</i>	4 0	
*Judge verified accuracy. Points awarded only if the correct label(s) was selected and affixed.			
15.	Selected the appropriate auxiliary label(s) from those provided and affixed to the medication bottle.	4 0	
*Judge verified accuracy. Points only awarded if the correct label was selected and affixed.			
16.	Cleaned the compounding area and equipment using 70% isopropyl alcohol and wipes and returned equipment to proper place.	2 0	
17.	Removed and disposed of PPE.	2 0	
18.	Washed hands or used alcohol based hand-rub for hand hygiene.	2 0	
Total Points- Skill IV: 70% Mastery for Skill IV: 23.8		34	

Skill IV - MASTER FORMULA SHEET: NON-STERILE COMPOUNDING

**This form will be completed by HOSA staff before the event and will be given to competitors with the scenario.*

PRODUCT: _____ DATE PREPARED: _____
 FINAL PRODUCT CHECKED BY: _____ EXPIRATION DATE: _____

Ingredient	Manufacturer	Lot #	MFR Expiration Date	Formula Quantity Required	Quantity Used	Prepared By	Checked By

Equipment	Prescription Label

Compounding Directions: (finished suspension will be 60mL or greater)	
	<u>Date Prepared:</u>
	<u>Expiration Date:</u>
	<u>Stability:</u>

Pharmacy Science

Skill V: Patient Screening for Pharmacist Consultation and Services

Time: 4 minutes

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

*If equipment is available, competitors should complete the steps while verbalizing.

	Skill V: Patient Screening for Pharmacist Consultation and Services	Possible	Awarded
1.	Greeted patient and introduced self.	1 0	
2.	Provided patient privacy by verbalizing or moving to a private area.	1 0	
3.	Recorded patient's name and date of birth on the blank screening form to verify patient.	2 0	
4.	**Asked patient to respond to all questions (5 total) related to screening (as identified in scenario). - Judge verifies correct questions are asked using screening checklist <i>(competitors must memorize questions as they will not have access to questions at the event). Questions do not have to be asked in order.</i>	3 0	
	a. Question #1	3 0	
	b. Question #2	3 0	
	c. Question #3	3 0	
	d. Question #4	3 0	
	e. Question #5	2 0	
5.	Demonstrated NO distracting elements of nonverbal communication including lack of eye contact, inappropriate facial expressions and body position such as closed posture.	2 0	
6.	Avoided the use of medical jargon during discussion with patient.	2 0	
7.	Spoke with appropriate volume, pitch, inflection, pronunciation and diction.	2 0	
8.	Actively listened and did not interrupt while patient was speaking.	2 0	
9.	Questioned the patient as needed to ensure that responses were completely understood.	2 0	
10.	Signed the Patient Screening form.	2 0	
11.	Referred patient to the pharmacist for counseling.	2 0	
12.	Handed the completed Patient Screening form to the Pharmacist (judge) indicating the skill is complete.	2 0	
13.	Used appropriate verbal and nonverbal communication with patient and other personnel.	2 0	
Total Points- Skill V: 70% Mastery for Skill V: 26.6		38	

PHARMACY SCIENCE

Skill V: Patient Screening for Pharmacist Consultation and Services

Screening Checklist for Contraindications to **Injectable Inactivated Poliovirus Vaccination**

For patients (both children and adults) to be vaccinated: The questions asked are developed to determine if the requested vaccination should be given. If you answer “yes” to any of the following questions, it does not necessarily mean the vaccination will not be given. Additional information will be required.

1. Does the person to be vaccinated have allergies to any component of the vaccine?
2. Is the person to be vaccinated today immune depressed in any way?
3. Does the person to be vaccinated live with anyone who has an immune deficiency disease?
4. Is there a suspected familial immune deficiency?
5. Is there a possibility that the person being vaccinated is pregnant?

Reference: Moini, Jahangir. The Pharmacy Technician: A Comprehensive Approach. Cengage Learning, latest edition.

Screening Checklist will not be provided during the event. Competitors will need to memorize the questions related to the identified issue.

PHARMACY SCIENCE

Skill V: Patient Screening for Pharmacist Consultation and Services

Screening Checklist for Contraindications to **Injectable Rubella Vaccination**

For patients (both children and adults) to be vaccinated: The questions asked are developed to determine if the requested vaccination should be given. Answering “yes” to any of the following questions does not necessarily mean the vaccination will not be given. Additional information will be required.

1. Does the person to be vaccinated have allergies to any component of the vaccine?
2. Is the person to be vaccinated today immunosuppressed?
3. Is the person being vaccinated receiving corticosteroids?
4. Has the person being vaccinated been diagnosed with tuberculosis?
5. Is there a possibility that the person being vaccinated is pregnant or attempting to become pregnant?

Reference: Moini, Jahangir. The Pharmacy Technician: A Comprehensive Approach. Cengage Learning, latest edition.

Screening Checklist will not be provided during the event. Competitors will need to memorize the questions related to the identified issue.

PHARMACY SCIENCE

Skill V: Patient Screening for Pharmacist Consultation and Services

Screening Checklist for **Late Refill**

Promoting compliance with prescribed medication is an important role of the pharmacy staff. If the patient is not taking medication as prescribed the following questions may help determine the cause of noncompliance.

1. How did the prescriber recommend you take this medication?
2. What methods do you use to help remember to take your medication?
3. What side effects have you experienced with the medication?
4. Has this medication helped relieve conditions for which it was prescribed?
5. Are there any other reasons you do not take this medication as often as prescribed?

PHARMACY SCIENCE

Skill V: Patient Screening for Pharmacist Consultation and Services

Screening Checklist for Possible Allergic Reaction

Allergic reactions can be life-threatening. The patient's concerns must be investigated. The following questions should be asked to obtain the basic information needed.

1. What medication were you taking when you noticed symptoms of concern?
2. Please describe your symptoms.
3. When did your symptoms begin?
4. Were any other medications taken during this time, including over-the-counter drugs?
5. Have you stopped taking the medication?

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Skill V: Patient Screening Form for Pharmacist Consultation and Services

This form is given to the competitor during the event. The competitor completes this form as they ask the patient the 5 questions they have memorized for the selected screening checklist. As the competitor asks each question, the competitor should note which question they asked (such as allergies, side effects, methods, concerns, immunosuppressed, etc.) and how the patient responds in the blank space provided below. After asking the 5 questions, the competitor will sign the form (in the form completed by line) and then return it to the judge (Pharmacist) as the final step in the skill.

Screening Checklist for: _____

Patient Name: _____ Date of Birth: ____/____/____

Questions:

1.

2.

3.

4.

5.

Form completed by: _____

Date: _____

Form reviewed by: (Judge) _____

Date: _____

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Skill VI: Filling a Prescription

Time: 5 minutes

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

	Skill VI: Filling a Prescription	Possible	Awarded
1.	Obtained prescription.	1 0	
2.	Reviewed the prescription for legality and correctness.	2 0	
	a. Verified the patient name on the prescription by asking the patient.	2 0	
	b. The date for the presented prescription was written within the past year.	2 0	
	c. Verified address of the patient.	1 0	
	d. Date of birth verified	1 0	
3.	Reviewed the original medication order with the pharmacist (judge):	1 0	
	a. Correct dosage form is included on the prescription	1 0	
	b. Correct strength is included on the prescription	1 0	
4.	Determined if generic substitution is allowed based on the prescription	1 0	
5.	Washed hands or used alcohol-based hand sanitizer for hand hygiene.	2 0	
6.	Obtained the correct medication to fill the prescription.	2 0	
7.	Checked the medication expiration date	2 0	
8.	Calculated the number of tablets or capsules to dispense based on prescription.	4 0	
9.	Used the counting tray and spatula to count needed number of tablets or capsules for the current prescription.	4 0	
10.	Recounted to ensure the correct number will be dispensed.	2 0	
11.	Obtained the most appropriate container (type and shape) for the prescription from those supplied.	1 0	
12.	Obtained the correct label, rechecking the directions and drug strength.	4 0	
13.	Affixed auxiliary labels if indicated such as take with meals, shake well, etc.	2 0	
14.	Submitted to pharmacist (judge) for final check.	4 0	
*Judge verified accuracy of final product			
15.	Avoided contamination by not touching medication directly throughout filling process.	2 0	
16.	Cleaned counting tray and spatula with an alcohol swab.	2 0	
17.	Returned all equipment to appropriate place.	2 0	
18.	Washed hands or used alcohol-based hand sanitizer for hand hygiene.	2 0	
19.	Used appropriate verbal and nonverbal communication with patient and other personnel.	2 0	
Total Points- Skill VI:		47	
70% Mastery for Skill VI: 32.9			

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Skill VII: Aseptic Garbing, Hand Washing, & Gloving

Time: 10 minutes

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

	Skill VII: Aseptic Garbing, HandWashing, &Gloving	Possible	Awarded
1.	Removed any outer garments and jewelry.	2 0	
2.	Obtained needed supplies.	1 0	
3.	Cleansed hands with sterile, foamed 70% IPA by holding can so that tip is down into the palm of opposite hand and coating palms, back of hands, and each finger and allow to dry.	2 0	
4.	Donned shoe covers one at a time completely covering shoe.	2 0	
5.	Reapplied sterile, foamed 70% IPA to hands and allowed to dry.	2 0	
6.	Gathered or tied loose hair back and put on the hair cover while completely covering all of the hair.	2 0	
7.	Reapplied sterile, foamed 70% IPA to hands & allowed to dry.	2 0	
8.	Donned a face mask by positioning the mask securely over nose, mouth and chin. If have facial hair, donned a beard cover.	2 0	
9.	TO SINK FOR ASEPTIC HAND WASHING:	2 0	
	a. Squeezed surgical scrub sponge/brush several times to activate soap suds.	2 0	
	b. Opened the packet removing the sterile sponge/brush and held in dominant hand.	2 0	
	c. Used the other hand to dispose of wrapper in waste container.	2 0	
	d. Pressed the foot pedals if present to begin flow of water. *IF NO FOOT PEDALS ARE AVAILABLE ASK JUDGE TO TURN ON THE WATER.	2 0	
	e. When water was warm wet hands	2 0	
10.	Used the nail pick to clean under each fingernail while still holding the scrub sponge/brush. When completed disposed of pick in wastebasket.	2 0	
11.	Applied a small amount of water to the scrub sponge/brush.	2 0	
12.	Used the brush side of the sterile scrub sponge/ brush under fingernails of left hand moving from thumb to pinkie.	2 0	
13.	Repeated step #12 on the right hand.	2 0	
14.	Used the sponge side to clean each of the four surfaces (top, side,bottom, side) and webbing between beginning with thumb and repeating for each finger on left side.	2 0	
15.	Repeated step #14 on the right hand.	2 0	
16.	Used the sponge to clean the palm of the left hand.	2 0	
17.	Repeated step #16 on the right hand.	2 0	
18.	Cleaned the left forearm in a circular pattern around the arm from wrist to elbow.	2 0	
19.	Repeated step #18 on the right side.	2 0	
Skill VII: Continued...		Possible	Awarded

20.	Disposed of scrub sponge/brush without touching waste container or contents.	2	0	
21.	Rinsed the left hand and forearm holding your arm with fingers pointed up and rinsing from fingers to elbow.	2	0	
22.	Repeated step#21 on right hand 2	2	0	
*Foot Pedal released OR Judge turns off water when handwashing is complete.				
23.	Used an aseptic, lint-free paper towel to dry both hands moving from fingers toward the elbow.	2	0	
24.	Disposed of paper towel in waste container.	2	0	
25.	Opened the sterile gown.	2	0	
26.	DONNED STERILE GOWN: a. Inserted one arm into open sleeve and pulled it up on shoulder and repeated on other sleeve.	2	0	
	b. Secured the gown at the neck and at the waist.	2	0	
27.	Sterilized hands with sterile, foamed 70% IPA.	2	0	
28.	Opened sterile gloves and placed on clean surface.	2	0	
29.	Placed the left glove on the left hand by grasping the inner part of the cuff with the right hand & pulled up onto left hand.	2	0	
30.	Repeated gloving process on right hand.	2	0	
*Judge states "skill is completed."				
31.	Removal of PPE: a. Grasped cuff of one glove and pulled glove down & off hand.	2	0	
	b. While grasping removed glove in gloved hand, grasped the cuff & pulled off the glove of the other hand.	2	0	
	c. Disposed of glove bundle in waste container.	2	0	
	d. Untied the gown and removed by pulling at shoulders turning the gown inside out and placed in a waste container.	2	0	
	e. Removed face mask, hair cover, and shoe covers and discarded in waste container.	2	0	
32.	Washed hands or used alcohol-based handrub for hand hygiene.	2	0	
Total Points- Skill VII: 70% Mastery for Skill VII: 56.7		81		