



American Society of
Health-System Pharmacists

Clinical Skills Competition

2009 Coordinator Training Webinar

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Supported by

Agenda

- Overview of Clinical Skills Competition (CSC)
- Review CSC Coordinator's Handbook
- Q & A

Clinical Skills Competition



Clinical Skills Competition

Started in 1995

- 97 schools of pharmacy participated in 2008

Purpose

- To facilitate clinical skill development for pharmacy students by encouraging cooperation and teamwork

Clinical Skills Competition



CSC Goals

- Foster clinical problem-solving skills;
- Reinforce the pharmacist's responsibility for drug therapy outcomes;
- Facilitate the effective use of a systematic approach to clinical problem-solving; and
- Enhance oral and written communication skills.

Clinical Skills Competition



CSC Goals

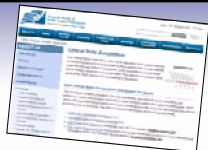
HAVE FUN!!!

Clinical Skills Competition



New and Notable

- **Eligibility requirements**
 - Only ASHP student members enrolled in ACPE-accredited pharmacy programs are eligible to advance to the national level competition.
 - One winning team of two (2) students from each ACPE-accredited pharmacy program (including "candidate" status) are invited to advance to the national-level competition. Schools with more than one campus should collaborate to hold a joint competition and determine the winning team to represent the entire school.
- **Promotional materials available as downloadable PDF's**
- **Electronic report Forms A & B**



www.ashp.org/clinicalskills

Clinical Skills Competition

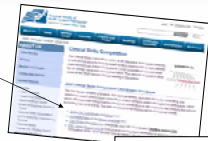


Getting Started at Your School

Online Coordinators Handbook

www.ashp.org/clinicalskills

- Updated annually
- Detailed instructions, forms, evaluations
- Practice case



Clinical Skills Competition



Cases

- Developed by 'expert' clinical pharmacist
- Peer review by group of national judges
- Practice case is previous year's national case
- Key is designed to be instructional

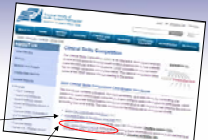
Clinical Skills Competition



Getting Started

Check List and Suggested Timeline

- Handbook Page 3
- Detailed list of all necessary steps for a successful competition
- Contact your ASHP State and Local Affiliates for support
- Submit Coordinator Forms A & B
ELECTRONICALLY



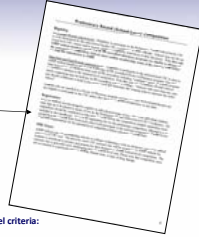
Clinical Skills Competition



Logistics

Preliminary Round (School-Level) Competition

- See page 4 of Handbook
- Reserve Rooms
- Proctors for written competition
- Food/beverages for students
- Recommend practice case
- Eligibility
 - Schools may determine their own criteria or may use the nation-level criteria:
 - ASHP Student Member Enrolled in a full-time ACPE-accredited program
 - Not licensed
- Prizes
- Deadline – November 6, 2009 (Form B – Names of Winners Due to ASHP)



Clinical Skills Competition



Coordinators Handbook

Selection of Evaluators

- Evaluators should discuss case & key in advance to minimize variations in scoring
- Make copies of Finalist answer keys for Final Round judges

Clinical Skills Competition



Coordinators Handbook

Tips

- Provide answer key to students after competition is concluded
- Recognize school participants, winners, judges, sponsors, etc.

Clinical Skills Competition



Written Competition

- 2 hours
- Timekeeper alert at 60, 30, 5 minutes remaining
- No use of notes or individual electronic references
- Adequate supply of references
- Caution use of PDAs, calculators, etc.
- Recommend read the case then divide and conquer

Clinical Skills Competition



Forms

- Pharmacist's Patient Data Base Form
- Drug Therapy Assessment Worksheet
- Pharmacist's Care Plan*
**Only form that is scored*
***Six blank copies per team*

Three sample forms are displayed. The top form is the Pharmacist's Patient Data Base Form, which includes a header with instructions and a table with columns for patient name, date, and various clinical parameters. The middle form is the Drug Therapy Assessment Worksheet, which has a header and a table for recording drug therapy details. The bottom form is the Pharmacist's Care Plan, which includes a header and a table for documenting care plan interventions and outcomes.

Clinical Skills Competition



Evaluation Criteria

- 200 total points possible
- 20 Bonus Points
- Winning team is declared based on the combined score of the written and oral presentation

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Pharmacist's Care Plan

Specify all of the patient's health care problems that need to be addressed. Then prioritize the problems into one of three categories:

1. Most Urgent Problem,
2. Address Immediately (this clinical encounter), or
3. Address later, (one week or more)

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Pharmacist's Care Plan

Then for each problem describe the therapeutic goals, recommendations for therapy, and monitoring parameters and endpoints.

Monitoring parameters should include the frequency of follow-up and endpoints should be measurable by clinical, laboratory, quality of life, and/or other defined parameters (e.g. demonstration of understanding).

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Pharmacist's Care Plan

Health Care Problem	Priority	Therapeutic Goals	Recommendations for Therapy	Monitoring Parameters, Endpoints, and Frequency
Neutropenic Fever	1	<ul style="list-style-type: none"> Decrease mortality Identify and treat any source(s) of infection Relieve patient's symptoms Prevent future episodes of neutropenic fever 	<ul style="list-style-type: none"> Initiate a broad spectrum antibiotic that covers gram positive organisms and gram negative organisms including <i>Pseudomonas aeruginosa</i> until the patient is no longer neutropenic. Options include: cefepime, ceftazidime, piperacillin/tazobactam, meropenem, imipenem/cilastatin, or piperacillin or ticarcillin plus an aminoglycoside. 	<ul style="list-style-type: none"> Vital signs every shift, resolution WBC, absolute neutrophil count (ANC), daily SCr and BUN, daily LFTs, daily If patient fails to respond repeat Blood and Urine cultures and Chest X-ray

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Scoring

Problem Identification and Prioritization (40 points total)

20 points Identification of the most urgent problem

10 points Identification of which problems need to be addressed immediately

10 points Identification of which problems should be addressed within one week or later

Clinical Skills Competition



Scoring

Pharmacist's Care Plan (60 points total)

Therapeutic Goals (15 points)

Goals are individualized and realistic

Recommendation for Therapy (30 points)

Recommendations are individualized, realistic, and consistent with medical standards and principles of evidence-based medicine

Monitoring Parameters and Endpoints (15 points)

Parameters are practical and effective measures of the desired endpoint

Endpoints are reasonable and appropriate choices for the patient

Frequency is reasonable for the plan and appropriate for the patient

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Oral Competition

- 10 minutes for each presentation/questions
- 2 minutes for presentation and 8 minutes for questions
 - Identification of students and their college/school name
 - Presentation of a brief patient summary with a list of all problems that require immediate attention; and
 - Presentation of recommendations for goals/treatment/monitoring of most urgent problem only

Clinical Skills Competition



Oral Competition Scoring

**Presentation Skills
(20 points)**

Verbal — clear, coherent, concise, complete, organized, confident, convincing
Nonverbal — eye contact, facial, expressions, body language, voice, demeanor, presence
Interpersonal — warmth, compassion manners/tact, professionalism

**Pharmacotherapy Knowledge
(20 points)**

Accuracy and understanding

**Clinical Judgment
(30 points)**

Problem-solving and decision making
Application of pharmacotherapy knowledge to the individual patient

**Defense of Recommendations
(30 points)**

Therapeutic rationale
Support (evidence-based medicine)

Clinical Skills Competition



National Competition

- Same general format as school competition
- Very important to send accurate contact info to ASHP
- Tell winners to check their email
- Logistics
 - Travel on Friday
 - Allow time to get to convention center/rooms
- Case is more difficult
- Semi-Final Round on Saturday (closed)
- Final Round on Sunday (open)

Clinical Skills Competition



National Competition

- Sponsor:

- Top ten finalists receive prizes
- Winners announced at the Student Reception Sunday evening



The winners of the national competition receive as part of their prize package, individual and school trophies.

Clinical Skills Competition