

Colorado Society of Radiologic Technologists

Student Bowl Rules

Eligibility:

1. Teams consisting of three students, from each approved school of Radiologic Technology in Colorado, may enter the Student Bowl.
2. Each student and coach must be a member of the CSRT and must register for the annual conference.
3. Each program must submit a registration form complete with thirty (30) questions with answers and references as a part of the registration process. These questions must be on a separate paper and mailed with the registration form. Please format the questions as short-answer or fill-in-the-blank. The team coach is responsible for the accuracy of these questions and answers. **Questions retrieved from examination review books can NOT be used. Only textbook referenced questions are allowed.**
4. Each of the following categories **MUST** be represented in the thirty (30) submitted questions: equipment operation and maintenance (6 questions), image production and evaluation (6 questions), radiographic procedures (6 questions), patient care and management (6 questions), and radiation protection (6 questions).
5. Each team will be required, to bring a copy of the textbook(s) referenced in the team's questions on the night of the competition. Non-compliance could result in disqualification of the team.
6. The registration form must list all team members (with one alternate team member, if desired). The Student Bowl Chair will verify proof of membership. Any discrepancies or noncompliance could result in disqualification of the team.

Officials:

The Student Bowl Chairman will select the officials. The judges and timekeepers will be selected as follows:

1. Each school, at the time of registration for the student bowl, MUST select one program faculty member (i.e. program director, clinical instructor, etc.) to represent their school as a **possible** judge/timekeeper.
2. Up to 4 judges and 2 timekeepers will be selected, randomly, as described in #3. The number needed is dependent on the number of teams participating.
3. The name of each school representative will be put into a pool and drawn by the Student Bowl Chairman.
4. For any discrepancies between the judges for an answer given by a school team during competition, the timekeeper will be utilized as the “tie breaker”.

Official job descriptions are as follows:

1. **Judges:** Up to 2 judges will be selected. The judges, using references, as needed, will determine if answers from teams are correct or incorrect at all times. **The judges’ decisions are final.**
2. **Reference keeper:** 1 reference keeper will be selected. The reference keeper is responsible for locating the correct reference books and keeping them in the room during the competition. He/she will confer with any team that misses a question and wishes clarification of why the response was incorrect. This clarification will take place after the round is over. There is no arguing. The reference keeper may also act as a judge, if the Student Bowl Chairman sees the necessity.
3. **Moderator:** Up to 1 moderator will be chosen by the Committee Chairperson. The moderator will read the rules before the competition begins, will identify the team captains, will ask questions and review answers. The moderator should ask for help from the judges in determining the correctness of an answer.
4. **Timekeeper:** Up to 2 timekeepers will be chosen. The timekeeper(s) will time the 15-second answering period for each question. The timekeeper(s) will also time the competition rounds. If needed, the timekeeper(s) will act as a “tie-breaker” for any judging discrepancies.
5. **Score keeper(s):** Up to 2 score keepers will be chosen. The score keeper(s) will record the number of correct answers onto an easel at the front of the room.

Questions:

1. The CSRT Student Bowl Committee will review all questions. Questions will be of short answer or fill-in-the-blank type.
2. The question, answer and reference notation will be on a numbered card, as well as projected on a screen.
3. The Student Bowl Committee will be responsible for the safekeeping of the questions before, during and after the competition. They will be passed on to the next chairman when appointed.
4. All questions will be asked only once during the competition.

Competition:

1. Prior to the beginning of round one, questions will be drawn from the following categories: 1. Equipment operation and maintenance, 2. Image production and evaluation, 3. Radiographic procedures, 4. Patient care and management, and 5. Radiation protection.
2. All program directors or their designated representative of the schools and their team will meet with the Student Bowl Chairman 30 minutes prior to the start of the competition.
3. **No Alcoholic beverages** will be permitted into the Student Bowl area. Anyone suspected of being intoxicated will be denied admittance and/or asked to leave the competition area.
4. Round 1 will consist of a 45-minute time limit.
5. The number of teams will determine if there is a Round 1 "A" or "B" (multiple competitions). If there is a Round 1 "A" or "B" they will run back-to-back under the same rules.
6. The moderator will ask a question of the teams. Time will begin at after the question has been read.
7. The teams will be given 15 seconds to confer and to write the answer on the dry-erase board provided. Each team captain will then show the answer to the moderator and state the answer verbally. **Please do not erase boards until instructed.** Time will begin after the question has been read.
8. Each team will receive one point for each correct answer. If an answer is incorrect, no point will be awarded. Scorekeepers will record points on an easel.

9. The teams **MUST** stop writing and face their board toward the moderator when the timekeeper calls time. **The answer on the dry-erase board must contain complete information.** It will be up to the judges to determine whether or not the information is complete.
10. If there is deliberation by the judges of more than 1–2min, the time clock for the round will be stopped, and restarted after deliberation has ended.
11. Either the two teams with the highest scores from each round 1 (multiple competition) or the three teams with the highest scores (single competition) will compete in round two (finals). In the event of more teams, due to tie high scores, then sudden “Roentgen Death” will be played to determine the teams in round two.
12. In sudden “Roentgen Death”, questions will continue to be asked. The team that answers incorrectly first will be eliminated.
13. Round two (finals) will be conducted in the same manner as round one.
14. Round two will consist of a 30–minute time limit.
15. In the case of a tie during round two, sudden “Roentgen Death” will be played.

Question Format Samples:

SAMPLE

Q	School Name	Choose category	Type your question	Type your answer	Choose reference*	Edition, Page #
1	XrayU	Patient Care	The midsagittal plane divides the body into what?	Equal right and left halves	Merrill's	11 th , 58
2	XrayU	Patient Care	Inability to breathe while lying down is termed_____?	Orthopnea	Patient care in Radiography	7 th , 200