

**ICE**

Inquiry-based Curriculum Enhancement

**UTI Instructions: Cardiac Clinic**

**Introduction:**
In this complex instruction activity, students work together to create a recommendation for a person with cardiac difficulties. Students practice communicating with peers and review circulatory system morphology and functioning.

**Procedure:**
1. The week before class, tell students to bring their textbook to the next meeting.

2. Introduce the activity as challenges for their understanding of circulation and heart functioning. Divide students into the appropriate number of groups (6-7) with no more than 4 students per group.

3. Distribute the task cards to the teams. Tell them that everyone should read the card, and then they should collaborate on the task. Every member of the team must be involved in the task. Announce that they have ten minutes to prepare their presentation (this announcement warns groups that they must work on task and collaboratively in order to finish).

4. Circulate among the groups, answering any questions. Particularly provide encouragement for students utilizing alternative strategies to complete the task. Allow the teams to develop their own presentation without pushing in a particular direction. Provide a two-minute warning at the appropriate time (this depends on the number of groups*).

5. Have teams make their presentation to the class. Note any particularly meaningful episodes in the presentations.

6. In the final five minutes of class, distribute the Individual Accountability cards to the teams. Have each student write a response to the question. Collect responses as students leave. Comment positively on various contributions. The student responses should be marked for thoughtfulness rather than for correctness.

* Allow five minutes for each group to give their presentation and five minutes for the individual accountability exercise. If your discussion has 6 groups, then you should allow 35 minutes to complete the presentations and accountability exercise. This requirement means that the groups will receive less time to prepare their presentation. Be particularly mindful of the time, as you want each group to present (it is possible that students will view the exercise as a waste if they don’t get to share their task).