Experience with TBL readiness assessments completed at home
TBL in Physiology

Day 1
IRA posted
Lecture 1
2-4 questions
Lecture 2
2-4 questions
Physiology Lecture 1

Day 2
Day 3
Day 4
IRA due
Lecture 2 & 3
Physiology Lectures 4 & 5
TBL Group Application Exercise or Clinical case

at-home IRAs
mandatory but not graded, open book
several different question types
immediate feedback with justifications
took as individuals
if late, 10% off TBL points
score less than 60% - need to see me
Rationale

Advantages
covered each organ system
more sophisticated questions
freedom from timer
reduced student stress (open book)
helped students verbalize their deficiencies
a resource for students during exam preparation

Disadvantages
no Group Readiness Assessment (GRA)
no discussion of the questions
At-home IRAs were aligned with course content
At-home IRAs helped me learn course content

- Percentage of students:
  - almost always: 27%
  - regularly: 33%
  - sometimes: 25%
  - seldom: 9%
  - never: 4%
Which TBL format was more effective in helping you learn course content?

- In-class IRA/GRA in Molecules and Cells
- At-home IRA in Physiology
- They were equal

![Bar chart showing percentage of students' preference for TBL formats.](chart)
Which TBL format did you prefer?

- In-class IRA/GRA in Molecules and Cells
- At-home IRA in Physiology
- They were equal

Percentage of students
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