

Resources

- [+ Cost of Labs & Demos](#)
- [Neuro Suturing Guide](#)
- [Banana Suturing Lab](#)
- [Intro to Suturing PPT](#)

Materials

Students: 25-30

Project MED: 5

Teachers: 2-4

Total: 35-40

- 1 suture pads
- 1 pair of forceps
- 1 pair of suturing scissors
- 1 needle driver
- 2 packs of sterilized needle & thread kit

Outline

- I. Icebreaker (5 min)
 - A. Have students answer a fun icebreaker question and popcorn around to other students.
- II. Basics of Suturing
 - A. Purpose (5 min)
 1. What is suturing?
 2. Why is it important?
 - B. Application (5 min)
 1. Introduce an application on suturing; talk about what a craniotomy is and why suturing is important.
 - C. Video
 1. Include video for students to reference during the suturing if they need assistance.
- III. Suturing!
 - A. Dr. Holmes (10 min)
 1. Dr. Holmes will share his screen and demo how to suture.
 - B. Split everyone into 5-6 breakout rooms with one Project MED team member. in each (30-45 min)
 1. Dr. Holmes will be in the main room to diagnose problems / jump between breakout rooms
 2. For students who finish first, they can learn more complex sutures or help other students
- IV. Reflection (5 min)
 - A. Reflect in the dotstorm in the slides.
 - B. Fill out feedback form

To Do

- Finish slides (1/9)
- Reach out to NM for suturing materials
 - Dr. Green
- Research potential suturing kits (pad, tools, thread) as backup option
- Back-up plans
 - A: More outreach to NM
 - B: ProjectMED leads
 - C: Video