

Uterine Aspiration Abortion Lesson Plan

Learning Objectives:

By the end of the session, learners will understand:

- Epidemiology of 1st trimester abortion in the United States
- Safety of 1st trimester abortion
- How to perform suction aspiration

Video Lecture:



First-trimester aspiration abortion
Presented by Sanithia L. Williams, MD

Available at <https://www.innovating-education.org/2019/05/uterine-aspiration-abortion/>

Suggested Readings:

The Safety and Quality of Abortion Care in the United States. The National Academies of Sciences, Engineering, Medicine. <https://www.nap.edu/catalog/24950/the-safety-and-quality-of-abortion-care-in-the-united-states>

Citations

- Jones 2017 AJP
- The Safety and Quality of Abortion Care in the United States. <http://www.nationalacademies.org/hmd/Reports/2018/the-safety-and-quality-of-abortion-care-in-the-united-states.aspx>
- Achilles and Reeves. *Contraception*. 2011.
- Allen and Goldberg. *Contraception*. 2016.
- World Health Organization. *Safe Abortion: Technical and Policy Guidance for Health Systems*. 2012.

Lesson Plan in a Flipped Classroom Setting Uterine Aspiration Abortion

Using a flipped classroom model, this lesson plan will use the video lecture and additional resources to provide learners with an engaging learning environment. [Here's how](#) to use this course in a “flipped-classroom” at your own institution.

Teaching Points:

- Abortion is one of the most common surgical procedures performed in the US
- Transgender men, nonbinary, and other gender binary nonconforming people have abortions
- The first steps for aspiration abortion involve using shared decision making to determine the patient's desires about continuing the pregnancy, counseling about 1st trimester abortion options, and obtaining informed consent.
- In the US infection after abortion is rare, <1%

Time Required:

Total Time of Video Lecture: 18:43 min

Estimated Independent Prep Time Required by Learner: 15 min

Total Estimated Time Required for In-Classroom Activity: 30 min-1 hr

Materials Required and Instructor Preparation:

- Learners will need internet access with enough bandwidth to view streaming videos.
- The instructor should print copies of the small group activity quiz (page 3) included in this packet.

Individual Activity:

Uterine Aspiration Abortion Lecture

- Learners can watch didactic lecture before the workshop in a flipped classroom model or during class time.
- Learners may be assigned any of the following relevant readings (determined by instructor's desired learner work-load) as outlined in the “Suggested Readings” section on page 1.



In-Classroom Activity

- Divide the classroom into small groups and distribute the small group activity quiz (page 4-5). Instruct learners to spend 15 minutes and work together to answer the questions provided.
- At the end of this activity, convene the class. Present the questions and have learners share their answers and discuss.
- Write the correct answers on the board for the class to see. Collect each handout from learners
 - The instructor can reference the answer sheet on page 4

Names

Uterine Aspiration Abortion Small Group Activity Quiz

Questions:

In your group, answer the following questions referencing the video lecture assigned before class. Be prepared to turn in this handout at the end of class.

1. What percentage of abortions occur in the 1st trimester (before 12 weeks)?
 - a. 10%
 - b. 50%
 - c. 89%
 - d. 99%
2. The risk of death for abortion is lower than which of the following procedures per 100,000 procedures?
 - a. Penicillin
 - b. Colonoscopy
 - c. Childbirth
 - d. All of the above
3. True/False: Sharp curettage should no longer be used for abortion
4. List the 2 possible types of anesthetic blocks clinicians can use prior to aspirating:
 - a. Intracervical block at 3, 5, 7, and 9 o'clock
 - b. Paracervical block at 2, 4, 8, and 10 o'clock
5. Cannula size should be chosen based on:
 - a. Size of the pregnancy
 - b. Clinician preference

- c. Patient age

Uterine Aspiration Abortion Small Group Activity Quiz

Answers

1. What percentage of abortions occur in the 1st trimester (before 12 weeks)?
 - a. 10%
 - b. 50%
 - c. **89%**
 - d. 99%

2. The risk of death for abortion is lower than which of the following procedures per 100,000 procedures?
 - a. Penicillin
 - b. Colonoscopy
 - c. Childbirth
 - d. **All of the above**

3. True/False: Sharp curettage should no longer be used for abortion
True

4. List the 2 possible types of anesthetic blocks clinicians can use prior to aspirating:
 - a. Intracervical block at 3, 5, 7, and 9 o'clock
 - b. Paracervical block at 2, 4, 8, and 10 o'clock

5. Cannula size should be chosen based on:
 - a. **Size of the pregnancy**
 - b. Clinician preference
 - c. Patient age