

## Video Companion Guide

# Preventing Maternal Mortality: The Role of Safe Abortion

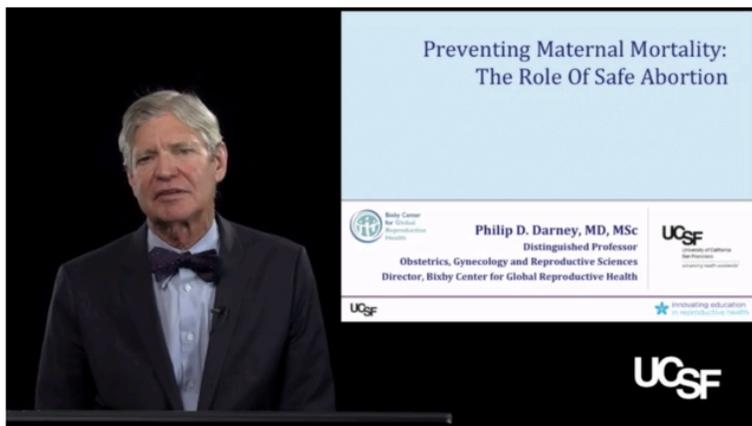
### Learning Objectives:

By the end of the session, learners will be able to:

- Describe the impact of unintended pregnancy on women's health.
- Identify the leading causes of maternal mortality.
- Understand the role of access to safe contraception and abortion services in reducing maternal mortality.
- Recognize the burden unintended pregnancy has on societies.

Video Lecture: Preventing Maternal Mortality: The Role of Safe Abortion

Presented by Dr. Philip Darney



Available for free viewing at:

[www.innovating-education.org/2016/02/preventing-maternal-mortality-the-role-of-safe-abortion/](http://www.innovating-education.org/2016/02/preventing-maternal-mortality-the-role-of-safe-abortion/)

### Suggested Readings:

- Grimes DA, Benson J, Singh S, Romera M, Ganatra B, Okonofua R, Shah I. Unsafe abortion: the preventable pandemic. *Lancet*. 2006. 368(9550); 1908-19.
- Ronsmans C, Graham WJ. Maternal mortality: who, when, where and why. *Lancet*. 2006. 368. 1189-200.
- Stephenson P, Warner M, Badea M, Serbanescu F. Commentary: The Public Health Consequences of Restricted Induced Abortion – Lessons from Romania. *American Journal of Public Health*. Oct. 1992. 82(10);1328-31.
- Harper CC, Blanchard K, Grossman D, Henderson JT, Darney PD. Reducing maternal mortality due to elective abortion: Potential impact of misoprostol in low-resource settings. *International Journal of Gynecology and Obstetrics*. 2007. 98. 66-69.

### Teaching Points

- The leading cause of maternal death worldwide in 2008 was unsafe abortion.
- A woman's death increases her children's risk of death by 10 times.
- Approximately 97% of all unsafe abortions occur in poor countries.
- The single most effective step in reducing maternal mortality is helping women have planned, intended pregnancies.
- Misoprostol and manual uterine aspiration (MUA) are simple, inexpensive technology for safe abortion care.
- As outlined from the 2012 Global Health Policy Summit, five steps to reduce maternal mortality include:
  1. Making women's health a priority.
  2. Selecting a few targeted interventions.
  3. Ensuring local ownership of implementation.
  4. Innovating using current public and private assets for sustainability.
  5. Monitoring (measure results) to assure accountability.

### Suggested Discussion Questions

- Describe at least 2 effective interventions to reduce maternal mortality.
- How does unintended pregnancy impact women's health worldwide?

## Lesson Plan: *Preventing Maternal Mortality: The Role of Safe 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.

### What is a "Flipped Classroom" Learning Model?

A "flipped classroom" model provides learners with instructional content prior to class and facilitates in-class activities that focus on higher-level cognitive activities.<sup>1,2</sup> This model differs from a traditional direct instruction approach and uses class time for learners to engage in hands-on learning, collaboration with their peers, and evaluation of their own progress. Learners are then able to practice applying key concepts while receiving guidance and feedback when it can help them most.<sup>1,2,3</sup>

### Time Required

*Total Time of Video Lecture: 16 minutes*

*[Recommended] Estimated Independent Prep Time Required by Learner: 1 hour*

*Total Estimated Time Required for In-Classroom Activity: 1 hour*

### Materials Required and Instructor Preparation

- Learners will need internet access with enough bandwidth to view streaming videos.
- The instructor should print copies of the quiz (Page 4) and the small group activity (Page 6) included in this packet.

### Activity

*Independent Preparation (conducted by learner before in-classroom activity)*

- Learners should independently view the two video lectures.
- 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 (Small Group and Individual Assignment)*

- Distribute the quiz (page 4). Instruct learners to spend approximately 10-15 minutes and work individually to answer each question on the quiz.
- At the end of this activity, convene the class. Present the questions on the quiz and have learners share their answers.
- 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 5.
- Next, divide the classroom into small groups (of 2 or 3) and distribute the small group activity handout (Page 6). Instruct learners to spend 15 minutes and work together to answer the questions provided on the handout. Collect the handout and conclude the lesson.

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Name \_\_\_\_\_

## **Preventing Maternal Mortality: The Role of Safe Abortion Individual Assignment: Quiz**

Answer the following six multiple-choice questions referencing the video lecture: "Preventing Maternal Mortality: The Role of Safe Abortion Care". Be prepared to share your answers with the class and turn in this handout at the end of this session.

### Questions

1. What was the leading cause of maternal death worldwide in 2008?
  - Hypertension
  - Unsafe Abortion
  - Hemorrhage
  - Obstructed Labor
  
2. A woman's death increases her children's risk of dying by \_\_\_ times.
  - Five
  - Ten
  - Twenty
  - A woman's death does not increase her children's risk of dying
  
3. What is the single most effective step in reducing maternal mortality?
  - Making abortion illegal and inaccessible
  - Encouraging women to take breaks from contraception use
  - Helping women have planned, intended pregnancies
  - Reducing the transmission of HIV
  
4. Approximately what percent of all unsafe abortions occur in poor countries?
  - 25%
  - 60%
  - 88%
  - 97%
  
5. Name two methods of using simple, low cost technology for safe abortion care.
  - Natural Herbs and Misoprostol
  - Natural Herbs and Manual Uterine Aspiration (MUA)
  - Misoprostol and Manual Uterine Aspiration (MUA)
  
6. As written in the 2012 Global Health Policy Summit, what is one step to reduce maternal mortality?
  - Make women's health a priority
  - Give governments financial incentive to decrease rates of maternal mortality
  - Increase medical training requirements for health care provider

## Preventing Maternal Mortality: The Role of Safe Abortion Quiz Answers

### Questions

1. What was the leading cause of maternal death worldwide in 2008?
  - Hypertension
  - ✓ **Unsafe Abortion**
  - Hemorrhage
  - Obstructed Labor
2. A woman's death increases her children's risk of dying by \_\_\_ times.
  - Five
  - ✓ **Ten**
  - Twenty
  - A woman's death does not increase her children's risk of dying
3. What is the single most effective step in reducing maternal mortality?
  - Making abortion illegal and inaccessible
  - Encouraging women to take breaks from contraception use
  - ✓ **Helping women have planned, intended pregnancies**
  - Reducing the transmission of HIV
4. Approximately what percent of all unsafe abortions occur in poor countries?
  - 25%
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5. Name two methods of using simple, low cost technology for safe abortion care.
  - Natural Herbs and Misoprostol
  - Natural Herbs and Manual Uterine Aspiration (MUA)
  - ✓ **Misoprostol and Manual Uterine Aspiration (MUA)**
6. As written in the 2012 Global Health Policy Summit, what is one step to reduce maternal mortality?
  - Make women's health a priority
  - ✓ **Give governments financial incentive to decrease rates of maternal mortality**
  - Increase medical training requirements for health care provider

