

# **DEVELOPING SCREEN CAPTURE VIDEOS TO ENHANCE LEARNING EXPERIENCES OF MULTIMEDIA WORKSHOP PARTICIPANTS**

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## **Introduction**

To enhance the learning experiences of multimedia training workshop participants, Faculty and Curriculum Support Center in Georgetown University Medical Center developed online tutorials with video clips created in motion screen capture programs. The training video development, its integration with tutorials, and its formats for online delivery will be discussed in this presentation.

## **Abstract**

The FACS Center provided the university faculty with multimedia training workshops. The workshop participants needed tutorials that would allow them to recall and practice the skills they had learned. Although the tutorials were available for the workshop participants, they were not enough to make them easily follow instructions and understand complicated steps. Most of all, the tutorials failed to allow them to get hands-on learning experiences.

To improve the tutorials, FACS created training videos with motion screen capture programs and added them to the online tutorials and delivered them in a QuickTime streaming server. From the feedback of the workshop participants, FACS found that the motion screen capture videos helped them better understand instructions in the tutorials and more easily learn skills than screen capture still images would. It also found that the key point in creating the videos was how to divide a tutorial into small chunks of instructions for small video clips. Though the videos were streamed in QuickTime movie formats, it found that delivering the videos in Flash would have other benefits for both users and developers. It was notable that video without narration was enough to deliver instructions and saved significant amount of staff work time, and the tutorial video development did not require advanced multimedia skills.