



Figure 1. A person in a white lab coat standing in a laboratory setting, with various pieces of equipment and a computer monitor visible in the background.

The first part of the study was a pilot study to determine the feasibility of the study. The pilot study was conducted in a laboratory setting and involved 10 participants. The participants were asked to perform a series of tasks while wearing the device. The tasks included walking, standing, and sitting. The participants were also asked to perform a series of cognitive tasks while wearing the device. The results of the pilot study showed that the device was feasible and that the participants were able to perform the tasks while wearing the device.

The second part of the study was a larger study involving 30 participants. The participants were asked to perform a series of tasks while wearing the device. The tasks included walking, standing, and sitting. The participants were also asked to perform a series of cognitive tasks while wearing the device. The results of the larger study showed that the device was feasible and that the participants were able to perform the tasks while wearing the device.

The results of the study showed that the device was feasible and that the participants were able to perform the tasks while wearing the device. The device was found to be effective in reducing the risk of falls in the laboratory setting. The device was also found to be effective in reducing the risk of falls in the home setting. The device was found to be effective in reducing the risk of falls in the community setting.

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