ROHO INSTITUTE
for Continuing Education & Research

Practical Application of Material Science in the Selection of Support Surfaces

Date of Program:

Location of Program:

Time:

Coordinator: ***Ext:***

Presenter:

Target Audience:

This program is designed for Nurses, PTs, OTs, PTAs, COTAs, equipment suppliers, and any other rehabilitation professionals involved in seating prescription.

Program Description:

This interactive program provides an alternative approach to the way the health care community assesses the differences between various seating support surfaces. A basic overview of scientific mechanisms by which load is applied and the resultant forces, which occur, will be discussed. In addition, the materials that cushions are made of will be reviewed from a scientific standpoint by weighing advantage and limitation of the medium. The majority of the program will revolve around discussing the way manufactures design and construct cushions to provide therapeutic benefit and the significance when attempting to achieve a specific clinical outcome. Finally, quantifying methods used to compare and contrast cushion materials and determine if therapeutic goals are achieved will be reviewed.
Level: Intermediate

Objectives:

- Review the mechanisms and resulting forces that occur while load is applied to various cushion materials
- Discuss design and construction techniques used in the fabrication of cushions
- Discuss clinical significance related to the design and construction of cushions
- Explain the quantifying methods used to compare and contrast cushion materials surfaces.

VGM Education has been reviewed and approved as an Authorized Provider by the International Association for Continuing Education and training (IACET), 8405 Greensboro Drive, Suite 800, McLean, VA 22101. VGM Education has awarded .4 CEUs to participants who successfully complete this program.

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