

**Proceedings of the 31<sup>ST</sup> International Seating Symposium**



# **International Seating Symposium**

## **The Next Chapter**

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**RSTce**

**Department of Rehabilitation Science and Technology**  
**Continuing Education**  
School of Health and Rehabilitation Sciences  
**University of Pittsburgh**

Course Director: **Mark R. Schmeler, PhD, OTR/L, ATP**

In Collaboration with:

- Sunny Hill Health Centre for Children
- European Seating Symposium
- Latin American Seating Symposium
- Asia Pacific Region Seating Symposium
- International Society of Wheelchair Professionals

**Gaylord Opryland Hotel & Convention Center • Nashville, TN**

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# P04: A Study of a Measuring Method of Wheelchair Seated Posture

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For wheelchair seated posture measurement, the international standard ISO16840 which defines terms and measurement rules of seated posture has been globally adopted. This study evaluated a measuring method using the inclination angle measuring device (HORIZON) to measure seated posture.

## Learning Objectives:

- List two wheelchair seated posture measurement tools
- List three components of the international standard ISO16840 which defines terms and measurement rules of seated posture
- Describe the purpose of the inclination angle measuring device (HORIZON) to measure seated posture

## References:

1. ISO16840-1 Wheelchair seating-Part 1: Vocabulary, reference axis convention and measures for body segments, posture and postural support surfaces,2006.
2. Takashi Kinose et al: Establishment of a training program using a posture measuring device, The 27th Japanese Society of Prosthetics and Orthotics Association Syllabus, 2011;153.
3. Takashi Handa: Development and Evaluation of Seated Posture Measurement Tools, Doctoral Thesis, Shibaura Institute of Technology; 2011.

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