ANSI/RESNA WC-3:2013

American National Standard for Wheelchairs –
Volume 3: Wheelchair Seating

This standard covers wheelchair seating devices that are intended to provide postural support and/or tissue integrity management. The standard is designed to produce objective and comparable information about wheelchair seating products.

Section 1 applies to seating intended to provide postural support within a wheelchair. It specifies a global coordinate system that permits the determination and recording of a person’s posture while seated in a wheelchair, and standard terms and definitions for use in describing posture and the dimensions, location and orientation of seating support surfaces. Section 2 specifies apparatus, test methods and disclosure requirements for wheelchair seat cushions intended to maintain tissue integrity and prevent tissue trauma. Section 3 specifies test methods for the determination of static, impact, and repetitive load strengths as well as disclosure requirements for postural support devices intended for use with wheelchairs.

This standard is useful for manufacturers and suppliers of wheelchair seating devices that are intended to provide postural support and/or tissue integrity management who wish to provide consistent, quality information to clinicians and consumers about their products.

ANSI/RESNA WC-3 consists of the following sections under the general title Wheelchairs:

Section 1: Vocabulary, reference axis convention and measures for body posture and postural support surfaces

Section 2: Determination of physical and mechanical characteristics of devices intended to manage tissue integrity – Seat cushions

Section 3: Postural support devices – Test methods for static, impact and repeated load strength

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How to Order: Standards are available for purchase through RESNA. Go to www.resna.org/at-standards.

The RESNA Standards Committee on Wheelchair and Related Seating is actively recruiting additional members. If interested, go to http://www.resna.org/at-standards

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