

NPUAP S3I - Tissue Integrity Group
New Orleans Louisiana, January 10th, 2002
Meeting Minutes – *revised 6/27/02*

Attendance:

Geoff Taylor	David P Gilden
Rick Fontaine	Alistair McLeod
Janet Cuddigan	Dianne Mackey
David Brienza	Dave McCausland
Monica Reid	Karen Zulkowski
John Dawson	Cynthia Fleck
Matthew Kuklis	Kenneth M Nelson
Charles Lachenbruch	Jeanne Perla
Kathy McClelland	Angie Doan
Ann Anderson	Sonia Reid
Darlene Richaid	

The meeting was called to order at approximately 10 am by David Brienza

The working group was charged with the following tasks:

- Define *Working group*
- Choose *Working Group* name
- Choose *Working Group* Chair and Vice-Chair
- Identify issues and “champions” for issues
- Define tasks/action items for next meeting (and responsibility)
- Develop rounding out participation plan
- Report back to main group

The group discussed static vs. dynamic support surfaces and the definitions thereof.

The scope of the working group was discussed. The group agreed that the scope of testing include only those extrinsic things measurable on the support surfaces.

A list was made of extrinsic, measurable items considered to be influential to tissue integrity. The group members whos names appear in parentheses next to the various parameters volunteered to research existing test methods and the literature associated with the respective item.

Interface pressure, Spatial pressure gradient and Contact Area
(Cynthia Fleck, Charles Lachenbruch, Geoff Taylor and Alastair McLeod)

Resistance to envelopment or bottoming
(Stephen Sprigle and Dave Brienza)

Shear (Spatial rate of change of normal force, forces tangential to the normal forces, force which contribute to tissue distortion, sliding resistance)
(Charles Lachenbruch, Rick Fontaine, Jeanne Perla and John Dawson)

Heat dissipation Moisture
(Graham Nicholson)

Temperature control
(Kathy McClelland)

Clean ability of the surface
(John Dawson)

Friction coefficient of friction and the ability of the surface to transfer shear forces to the patient
(Rick Fontaine and SR)

Weight limitations of the surface, (At what weights (low or high) are the characteristics of the surface compromised)
(John Dawson)

John Dawson and Diane Mackey agreed to investigate whether heat and water vapor transmission can be measured separately.

A Mission Statement for the *Working Group* was defined as:

“To define test methods of support surface characteristics that impact tissue integrity.”

The group name was adopted as the Tissue Integrity Group (TIG)

Clinical efficacy needs to be addressed in an informative way. Janet Cuddigan and Karen Zolkowski will be responsible for putting together a preamble of the relationship between intrinsic and extrinsic relationships

Dave Brienza agreed to be the chair of the *Working Group* and Dave McCausland agreed to be Co-chair .

Karen Zolkowski will monitor measurement issues.

The possible use of animals in the test methods was discussed.

Alastair will send the EPUAP report to Dave and Dave will post to the list.

Terms needing definition:

- Bottoming Out
- Tissue integrity/viability
- Dynamic support surface

