The Story of Pressure Ulcer Guidelines

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Faculty Disclosures

Member of the International Guideline Development Group.

No financial conflicts of interest.
..... Filled with interesting characters

..... with many chapters

AHCPR Guidelines

800-359-9295

Pressure Ulcer Prevention & Treatment

CLINICAL PRACTICE GUIDELINE

Prevention and Treatment of Pressure Ulcers: Clinical Practice Guideline

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...and more chapters

- 1996, 2008, 2013 American Medical Director’s Association
- 1998 European Pressure Ulcer Advisory Panel
- 2000 Consortium for Spinal Cord Medicine and Paralyzed Veterans of America
- 2001, 2014 Royal College of Nursing (National Institute for Clinical Excellence)
- 2001 Singapore Ministry of Health
- 2001 Australian Wound Management Association
- 2002 University of Iowa Gerontological Nursing Intervention Research Center
- 2003, 2010 Wound Ostomy and Continence Nurses Society
- 2003, 2012 John A. Hartford Foundation Institute for Geriatric Nursing
- 2003 Danish Guideline
- 2008 Wound Healing Society
- 2010 Association for Advancement of Wound Care
- 2011 Trans Tasman Dietetic Wound Care Group
- 2012 Pan Pacific Clinical Practice Guideline for the Prevention and Management of Pressure Injury

www.guideline.gov
....developed over time

....influenced by Research, Education and Public Policy
Do you remember ‘92?

Top Song: Black or White
Top Quote: “You can’t handle the truth!”
How about 1995?

NCAA Football Champs: Nebraska
Best Quote: “Houston, we have a problem.”
Top TV: ER, Seinfeld and Friends

Agency for Health Care Policy and Research

- **Established:** December 19, 1989 by the Omnibus Reconciliation Act.
- **Goal:** To enhance the quality, appropriateness and effectiveness of health care services.
- **Criteria for Guideline Development**
  - High volume
  - High cost
  - High variability in care practices
  - Sufficient evidence to inform guidelines
Agency for Health Care Policy and Research Contributions

Even if I knew that tomorrow the world would go to pieces,
I would still plant my apple tree.
- Martin Luther

A Uniquely American Initiative

AHCPR Guideline Panel Members and Reviewers

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Pressure Ulcers in Adults: Prediction and Prevention

1. Risk Assessment Tools and Risk Factors
2. Skin Care and Early Treatment
3. Mechanical Loading and Support Surfaces
4. Education

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Treatment of Pressure Ulcers

1. Assessment
2. Managing Tissue Loads
3. Ulcer Care
4. Managing Bacterial Colonization and Infection
5. Operative Repair
6. Education
7. Quality Improvement

What’s Special About the AHCPR Guidelines?

- Government-sponsored initiative
- Cultivated the science of guideline development.
- Interdisciplinary Panel
- Public forums
- Review and critique at NPUAP meetings
- Multi-user perspective
- User-friendly implementation guides
- In the public domain
- Simple, but elegant.
Do you remember 2009?

World Series Champions: New York Yankees
Super Bowl: Pittsburgh Steelers
No. 1 Movie: Avatar
TV Shows: NCIS, Football, Dancing with the Stars

2009 NPUAP-EPUAP International Guideline
more interesting characters....

2009 Guideline Development Group

- Carol Dealey, EPUAP Chair
- Michael Clark
- Tom Defloor
- Lisette Schoonhoven
- Katrien Vanderwee
- Anne Witherow

- Janet Cuddigan, NPUAP Co-Chair & Editor-in-chief
- Diane K. Langemo, NPUAP Co-Chair
- Mona Baharestani
- Joyce Black
- Evan Call
- Mary Ellen Posthauer
2009: First International Guideline

2009 EPUAP-NPUAP Guideline Translated Into….

- Spanish
- Hebrew
- Swedish
- German
- Polish
- Dutch
- Japanese
- Italian
- Portuguese

- Finnish
- Turkish
- Norwegian
- French
- Chinese
- Hungarian
- Belgian
- Danish
2009 Prevention Guideline

• Etiology
• Risk Assessment
• Skin Assessment
• Nutrition
• Repositioning
• Support Surfaces
• Special Population: Patients in the Operating Room
2009 Treatment Guideline

- Classification
- Assessment & Monitoring Healing
- Nutrition for Healing
- Pain Assessment & Management
- Support Surfaces for Treatment
- Wound Bed Preparation & Biofilms
  - Cleansing
  - Debridement
  - Dressings

(continued)

- Assessment and Treatment of Infection
- Biophysical Agents
- Biological Dressings
- Growth Factors
- Surgery for Pressure Ulcers
- Special Population: Individuals Receiving Palliative Care
What’s Special About the 2009 Guidelines?

- First international guideline
- Peer reviewed on (almost) every continent
- Sharing of research and best practice
- Sharing of languages and cultures
- First international pressure ulcer classification system
- Put politics aside for the greater good
2014 International Guideline

And more interesting characters...
2014 Guideline Development Group

- Lisette Schoonhoven, EPUAP Chair
- Michael Clark
- Jan Kottner
- Cees Oomens

- Diane Langemo, NPUAP Chair
- Janet Cuddigan
- Laurie McNichol
- Joyce Stechmiller

- Keryln Carville, PPPIA Chair
- Pamela Mitchell
- Siu Ming Susan Law
- Ai Choo Tay

- Takafumi Kadono, Japanese Observer

- Emily Haesler, Methodologist & Editor-in-Chief

2014 International Guideline
How much is new?

575 recommendations in the guideline

- 47% New
- 39% Revised
- 14% Same
What’s New in 2014?

- **Background**
  - Prevalence and Incidence of Pressure Ulcers
  - New Conceptual Model for Etiology

- **Prevention of Pressure Ulcers**
  - Skin and Tissue Assessment
  - Emerging Therapies for Prevention of Pressure Ulcers

- **Interventions for Prevention and Treatment of Pressure Ulcers**
  - Repositioning and Early Mobilization
  - Medical Device Related Pressure Ulcers
  - Heel Ulcers

Special Populations

- Bariatric
- Critically Ill
- Spinal Cord Injured
- Operating Room
- Palliative Care
- Pediatrics
- Older Adults
What’s New in 2014? (continued)

• Implementing the guideline (new sections)
  – Facilitators, Barriers & Implementation Strategies
  – Health Professional Education
  – Patient Consumers and Their Caregivers
  – Quality Indicators for this Guideline
  – Future Research Needs

Lessons from the past....

Dear Past,
Thanks for all the lessons.
Dear Future,
I’m ready...
We killed a lot of trees.

Number of Pages Per Report

- Technical Report
- Clinical Practice Guideline
- Quick Reference Guide

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<th>Technical Report</th>
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Bedside Care

Education & Public Policy

Evidence-based Guidelines

Research
International collaboration enriches us all.

Where Are We?

- **AHCPR Guidelines**
- **Pressure Ucer Prevention & Treatment**

- **1992**
- **1995**
- **2009**
- **2014**
- **Future**
The Future….

THE BEST WAY TO PREDICT YOUR FUTURE.....

IS TO CREATE IT.

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The Future....

THE FUTURE DEPENDS ON WHAT YOU DO IN THE PRESENT!

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The Future….

THE FUTURE
AIN’T WHAT IT
USED TO BE.

A Guideline Broad Enough to Encompass the World…..
Levels of Change

- **D**: Policy, Payment, Regulation & Accreditation
- **C**: Organizations that house & support Microsystems (macro & meso systems)
- **B**: Small units of care delivery (microsystems)
- **A**: Experience of patients

Adapted from Berwick’s Levels of Change. Quality of actions at B, C, D should be defined as the effects on A.
How can Big Data facilitate the process?

Our Challenge for Today

1. What’s new?
2. How do I bring it to the bedside?