

Appendix H: Pressure Injury Risk Assessment Tools

The most commonly used and validated risk assessment tools for adults are (in no particular order of importance):

- **the Braden Scale for Predicting Pressure Sore Risk** (Bergstrom, Braden, Kemp, Champagne & Ruby, 1988; Braden and Bergstrom, 1994; Garcia-Fernandez, Pancorbo-Hidalgo, & Agreda, 2014; Kring, 2007);
- **the Norton Scale** (Garcia-Fernandez et al., 2014);
- **the Waterlow Score** (Garcia-Fernandez et al., 2014); and
- **the Pressure Ulcer Risk Scale (PURS)** (Carreau, Niezgodna, Trainor, Parent, & Woodbury, 2015; Poss et al., 2010).

Studies have demonstrated that the above tools are reliable and valid (AWMA, 2012; NPUAP, EPUAP, & PPPIA, 2014; Perry et al., 2014; RNAO, 2011). They are currently endorsed by reputable guideline groups, such as the Australia Wound Management Association (AWMA), the Institute for Clinical Systems Improvement (ICSI), the National Pressure Ulcer Advisory Panel (NPUAP)/European Pressure Ulcer Advisory Panel (EPUAP), and Pan Pacific Pressure Injury Alliance (PPPIA).

The following is not an exhaustive list of pressure injury risk assessment tools. The tools below have been suggested as examples identified within the systematic review, AGREE II appraised guidelines, by the expert panel or external stakeholder feedback.

TOOL	VALIDATION STUDIES	WEBSITE ACCESS
Braden Scale	<p>Bergstrom, N., Braden, B., Kemp, M., Champagne, M., & Ruby, E. (1998). Predicting pressure ulcer risk: A multi-site study of the predictive validity of the Braden scale. <i>Nursing Research</i>, 47(5), 261–9.</p> <p>Kring, D.L. (2007). Reliability and validity of the Braden Scale for Predicting Pressure Ulcer Risk. <i>Journal of Wound, Ostomy and Continence Nursing</i>, 34(4), 399–406.</p> <p>Garcia-Fernandez, E. P., Pancorbo-Hidalgo, P. L., & Agreda, J. J. (2014). Predictive capacity of risk assessment scales and clinical judgement for pressure ulcers: A meta-analysis. <i>Journal of Wound, Ostomy and Continence Nursing</i>, 41(1), 24–34.</p>	<p>http://www.education.woundcarestrategies.com/coloplast/resources/BradenScale.pdf</p>
Norton Scale	<p>Garcia-Fernandez, E. P., Pancorbo-Hidalgo, P. L., & Agreda, J. J. (2014). Predictive capacity of risk assessment scales and clinical judgement for pressure ulcers: A meta-analysis. <i>Journal of Wound, Ostomy and Continence Nursing</i>, 41(1), 24–34.</p>	<p>http://www.health.vic.gov.au/_data/assets/file/0010/233668/Norton-scale.pdf</p>
Waterloo Pressure Ulcer Risk Assessment	<p>Garcia-Fernandez, E. P., Pancorbo-Hidalgo, P. L., & Agreda, J. J. (2014). Predictive capacity of risk assessment scales and clinical judgement for pressure ulcers: A meta-analysis. <i>Journal of Wound, Ostomy and Continence Nursing</i>, 41(1), 24–34.</p>	<p>http://www.judy-waterlow.co.uk/index.htm</p>

TOOL	VALIDATION STUDIES	WEBSITE ACCESS
<p>Pressure Ulcer Risk Scale (PURS)</p>	<p>Carreau, L., Niezgodna, H., Trainor, A., Parent, M., & Woodbury, M.G. (2015). Pilot study compares scores of the Resident Assessment Instrument Minimum Data Set version 2.0 (MDS 2.0) Pressure Ulcer Risk Scale with the Braden Pressure Ulcer Risk Assessment for Patients in Complex Continuing Care. <i>Advances in Skin and Wound Care</i>, 28(1), 28–33.</p> <p>Poss, J., Murphy, K. M., Woodbury, M. G., Orsted, H., Stevenson, K., Williams, G., ... Hirdes, J. P. (2010). Development of the interRAI Pressure Ulcer Risk Scale (PURS) for use in long-term care and home care settings. <i>BMC Geriatrics</i>, 10(67). doi:10.1186/1471-2318-10-67</p>	<p>http://ltc toolkit.rnao.ca/sites/ltc/files/resources/pressure_ulcer_AssessmentTools/AppedixkPUBPG.pdf</p> <p>Please refer to Appendix K:</p> <p>http://rnao.ca/sites/rnao-ca/files/storage/related/7749 PRESSURE-ULCERS Supplement 2011.pdf</p>

