

**Registered Nurses' Association of Ontario**  
*Pressure injuries management: Risk assessment, prevention and treatment, Fourth edition*  
**November 2024**

**Reference list with open access links where available**

\*Links active as of September 6, 2024.

**Recommendation 1.0:**

Citation	Open Access URL (where applicable)
1. Darvall JN, Mesfin L, Gorelik A. Increasing frequency of critically ill patient turns is associated with a reduction in pressure injuries. <i>Critical Care and Resuscitation</i> . 2018;20(3):217–22.	<a href="https://www.sciencedirect.com/science/article/pii/S1441277223006932">https://www.sciencedirect.com/science/article/pii/S1441277223006932</a>
2. Gillespie BM, Walker RM, Latimer SL, Thalib L, Whitty JA, McInnes E, et al. Repositioning for pressure injury prevention in adults. <i>Cochrane Database of Systematic Reviews</i> [Internet]. 2020 [cited 2023 Oct 19];(6). Available from: <a href="https://www.cochranelibrary.com/cdsr/doi/10.1002/14651858.CD009958.pub3/full">https://www.cochranelibrary.com/cdsr/doi/10.1002/14651858.CD009958.pub3/full</a>	<a href="https://www.cochranelibrary.com/cdsr/doi/10.1002/14651858.CD009958.pub3/full">https://www.cochranelibrary.com/cdsr/doi/10.1002/14651858.CD009958.pub3/full</a>
3. Yap TL, Horn SD, Sharkey PD, Zheng T, Bergstrom N, Colon-Emeric C, et al. Effect of Varying Repositioning Frequency on Pressure Injury Prevention in Nursing Home Residents: TEAM-UP Trial Results. <i>Adv Skin Wound Care</i> . 2022 Jun;35(6):315–25.	<a href="https://journals.lww.com/aswcjournal/fulltext/2022/06000/effect_of_varying_repositioning_frequency_on.4.aspx">https://journals.lww.com/aswcjournal/fulltext/2022/06000/effect_of_varying_repositioning_frequency_on.4.aspx</a>

**Recommendation 2.0:**

Citation	Open Access URL (where applicable)
1. Baron MV, Martins PRH, Brandenburg C, Koepp J, Reinheimer IC, Dos Santos AC, et al. Accuracy of Thermographic Imaging in the Early Detection of Pressure Injury: A Systematic Review. <i>Advances in skin &amp; wound care</i> . 2023;36(3):158–67.	N/A

**Recommendation 2.1:**

Citation	Open Access URL (where applicable)
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<p>1. Moore Z, McEvoy NL, Avsar P, Byrne S, Vitoriano Budri AM, Nugent L, et al. Measuring subepidermal moisture to detect early pressure ulcer development: a systematic review. <i>J Wound Care</i>. 2022 Aug 2;31(8):634–47.</p>	<p><a href="https://sem-scanner.com/wp-content/uploads/2022/10/JoWC_2022_31_8_McEvoy_REPRINT-Web-Lic.pdf">https://sem-scanner.com/wp-content/uploads/2022/10/JoWC_2022_31_8_McEvoy_REPRINT-Web-Lic.pdf</a></p>
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**Recommendation 3.0:**

Citation	Open Access URL (where applicable)
<p>1. Aprea V, Barón FJ, Meregalli C, Sabatini MC. Impact of a health care quality improvement intervention to prevent pressure ulcers in a Pediatric Intensive Care Unit. <i>Arch Argent Pediatr [Internet]</i>. 2018 Aug 1 [cited 2024 Feb 12];116(4). Available from: <a href="http://www.sap.org.ar/docs/publicaciones/archivosarg/2018/v116n4a13e.pdf">http://www.sap.org.ar/docs/publicaciones/archivosarg/2018/v116n4a13e.pdf</a></p>	<p><a href="https://www.sap.org.ar/docs/publicaciones/archivosarg/2018/v116n4a13e.pdf">https://www.sap.org.ar/docs/publicaciones/archivosarg/2018/v116n4a13e.pdf</a></p>
<p>2. Pena H, Millard A, Richardson A. Implementation and Evaluation of a Pressure Injury Prevention Bundle in the Cardiothoracic Intensive Care Unit. <i>J Nurs Care Qual</i> • Vol. 39, No. 1, pp. 1–3.</p>	<p>N/A</p>
<p>3. Singh C, Shoqirat, N, Thorpe L, Villaneuva, S. Sustainable pressure injury prevention. <i>BMJ Open Quality</i> 2023;12:e002248. doi:10.1136/bmjopen-2022-002248</p>	<p><a href="https://bmjopenquality.bmj.com/content/bmjopen/12/2/e002248.full.pdf">https://bmjopenquality.bmj.com/content/bmjopen/12/2/e002248.full.pdf</a></p>
<p>4. Wang L, Gao M, Wang X, Gu M, Qi Q. Effects of bundle-care interventions on pressure ulcers in patients with stroke: A meta-analysis. <i>International Wound Journal</i>. 2024 Feb;21(2):e14432.</p>	<p><a href="https://onlinelibrary.wiley.com/doi/pdfdirect/10.1111/iwj.14432">https://onlinelibrary.wiley.com/doi/pdfdirect/10.1111/iwj.14432</a></p>
<p>5. Yilmazer T, Tuzer H. Effectiveness of a Pressure Injury Prevention Care Bundle; Prospective Interventional Study in Intensive Care Units. <i>Journal of Wound, Ostomy &amp; Continence Nursing</i>. 2022 May;49(3):226–32.</p>	<p>N/A</p>
<p>6. Zhang X, Wu Z, Zhao B, Zhang Q, Li Z. Implementing a Pressure Injury Care Bundle</p>	<p><a href="https://www.tandfonline.com/doi/epdf/10.2147/RMHP.S292579?needAccess=true">https://www.tandfonline.com/doi/epdf/10.2147/RMHP.S292579?needAccess=true</a></p>

in Chinese Intensive Care Units. RMHP. 2021 Jun;Volume 14:2435–42.	
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**Recommendation 4.0:**

Citation	Open Access URL (where applicable)
1. Beeckman D, Fourie A, Raepsaet C, Van Damme N, Manderlier B, De Meyer D, et al. Silicone adhesive multilayer foam dressings as adjuvant prophylactic therapy to prevent hospital-acquired pressure ulcers: a pragmatic noncommercial multicentre randomized open-label parallel-group medical device trial*. Br J Dermatol. 2021 Jul;185(1):52–61.	<a href="https://academic.oup.com/bjd/article/185/1/52/6600176">https://academic.oup.com/bjd/article/185/1/52/6600176</a>
2. Hahnel E, El Genedy M, Tomova-Simitchieva T, Hauß A, Stroux A, Lechner A, et al. The effectiveness of two silicone dressings for sacral and heel pressure ulcer prevention compared with no dressings in high-risk intensive care unit patients: a randomized controlled parallel-group trial. Br J Dermatol. 2020 Aug;183(2):256	<a href="https://academic.oup.com/bjd/article/183/2/256/6600463">https://academic.oup.com/bjd/article/183/2/256/6600463</a>
3. Liao N, Wang F, He X, Li L, Fei J. Predictive application of foam dressing on preventing of auricle pressure injury caused by ear dressing. Heliyon. 2023 Apr;9(4):e14883.	<a href="https://www.cell.com/heliyon/fulltext/S2405-8440(23)02090-X">https://www.cell.com/heliyon/fulltext/S2405-8440(23)02090-X</a>
4. Moore ZE, Webster J. Dressings and topical agents for preventing pressure ulcers. Cochrane Wounds Group, editor. Cochrane Database of Systematic Reviews [Internet]. 2018 Dec 6 [cited 2023 Nov 27];2018(12). Available from: <a href="https://doi.wiley.com/10.1002/14651858.CD009362.pub3">https://doi.wiley.com/10.1002/14651858.CD009362.pub3</a>	<a href="https://www.cochranelibrary.com/cdsr/doi/10.1002/14651858.CD009362.pub3/abstract">https://www.cochranelibrary.com/cdsr/doi/10.1002/14651858.CD009362.pub3/abstract</a>

**Recommendation 5.0:**

Citation	Open Access URL (where applicable)
1. Shi J, Gao Y, Tian J, Li J, Xu J, Mei F, et al. Negative pressure wound therapy for treating pressure ulcers. Cochrane Database Syst Rev. 2023 May 26;5(5):CD011334.	<a href="https://www.cochranelibrary.com/cdsr/doi/10.1002/14651858.CD011334.pub3/full">https://www.cochranelibrary.com/cdsr/doi/10.1002/14651858.CD011334.pub3/full</a>

<p>2. Song Y, Wang L, Yuan B, Shen H, Du L, Cai J, et al. Negative-pressure wound therapy for III / IV pressure injuries: A meta-analysis. Wound Repair Regeneration. 2021 Jan;29(1):20–33.randomized open-label parallel-group medical device trial*. Br J Dermatol. 2021 Jul;185(1):52–61.</p>	<p>N/A</p>
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**Recommendation 5.1:**

Citation	Open Access URL (where applicable)
<p>1. Arora M, Harvey LA, Glinsky JV, Nier L, Lavrencic L, Kifley A, et al. Electrical stimulation for treating pressure ulcers. Cochrane Wounds Group, editor. Cochrane Database of Systematic Reviews [Internet]. 2020 Jan 22 [cited 2023 Nov 26]; Available from: <a href="https://doi.wiley.com/10.1002/14651858.CD012196.pub2">https://doi.wiley.com/10.1002/14651858.CD012196.pub2</a></p>	<p><a href="https://www.cochranelibrary.com/cdsr/doi/10.1002/14651858.CD012196.pub2/full">https://www.cochranelibrary.com/cdsr/doi/10.1002/14651858.CD012196.pub2/full</a></p>
<p>2. Girgis B, Duarte JA. High Voltage Monophasic Pulsed Current (HVMP) for stage II-IV pressure ulcer healing. A systematic review and meta-analysis. Journal of tissue viability. 2018;27(4):274–84.</p>	<p>N/A</p>