# Wound Care

March 2021

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#### **Systematic Reviews**

- Ambe P, et al. <u>The role of saline irrigation prior to wound closure in</u> <u>the reduction of surgical site infection: A systematic review and meta</u> <u>-analysis.</u> Patient Saf Surg. 2020.
- Assadian O, et al. <u>Effects and safety of atmospheric low-temperature</u> <u>plasma on bacterial reduction in chronic wounds and wound size re-</u> <u>duction: A systematic review and meta-analysis.</u> Int Wound J. 2019.
- Broderick C, et al. <u>Dressings and topical agents for arterial leg ulcers.</u> Cochrane Database Syst Rev. 2020.
- Cai Y, et al. <u>Effectiveness and safety of different dressings therapy for</u> pressure injuries: A protocol for systematic reviews and network meta-analysis. Medicine (Baltimore). 2021.
- Cardoso F, et al. <u>The effect of Plantago major on wound healing in</u> preclinical studies: A systematic review. Wound Manag Prev. 2021.
- Cheung X, et al. Surgical management of idiopathic perianal fistulas: A

### Systematic Reviews cont'd

- Hu Z, et al. Efficacy and safety of platelet-rich plasma for patients with diabetic ulcers: A systematic review and meta-analysis. Adv Wound Care (new Rochelle). 2019.
- Iheozor-Ejiofor Z, et al. <u>Negative pressure wound therapy for</u> <u>open traumatic wounds.</u> Cochrane Database Syst Rev. 2018.
- Joyce P, et al. <u>Organisation of health services for preventing and</u> <u>treating pressure ulcers.</u> Cochr Database Syst Rev. 2018.
- Li Y, et al. <u>Efficacy of stem cell therapy for burn wounds: a</u> <u>systematic review and meta-analysis of preclinical studies.</u> Stem Cel Res Ther. 2020.
- Lum Z, et al. <u>Systematic review of single stage revision for</u> prosthetic joint infection. World J Orthop. 2020.
- Martinengo L, et al. <u>Prevalence of chronic wounds in the general</u> <u>population: Systematic review and meta-analysis of</u> <u>observational studies.</u> Ann Epidemiol. 2019.
- McLoone P, et al. <u>Honey combination therapies for skin and</u> <u>wound infections: A systematic review of the literature.</u> Clin Cosmet Investig Dermatol. 2020.
- Mohd Zubir M, et al. <u>Maggot therapy in wound healing: A</u> <u>systematic review.</u> Int J Environ Res Public Health. 2020.
- Naing C, et al. <u>Anabolic steroids for treating pressure ulcers.</u> Cochrane Database Syst Rev. 2017.
- Norman G, et al. <u>Negative pressure wound therapy for surgical</u> <u>wounds healing by primary closure.</u> Cochrane Data Syst Rev 2020.
- Pham C, et al. <u>The role of collagenase ointment in acute burns: A</u> systematic review and meta-analysis. J Wound Care. 2019.
- Raghuram A, et al. <u>Role of stem cell therapies in treating chronic</u> <u>wounds.</u> World J Stem Cells. 2020.
- Song G, et al. <u>Efficacy of microsurgery for dural arteriovenous</u> <u>fistula: A systematic review protocol.</u> Medicine. 2019.
- Wee I, et al. <u>Closed incision negative pressure wound therapy in</u> <u>vascular surgery: A systematic review and meta-analysis.</u> Eur J Vasc Endovasc Surg. 2019.
- Wright H, et al. <u>Topical management of enterocutaneous and</u> <u>enteroatmospheric fistulas.</u> Wound Manag Prev. 2020.
- Yang K, et al. <u>Identification of risk factors of developing pressure</u> injuries among immobile patient, and a risk prediction model establishment: A protocol for systematic review. Medicine (Baltimore). 2020.

systematic review and meta-analysis. Dig Surg. 2021.

Gillespie B, et al. <u>Preoperative and postoperative recommendations to</u> <u>surgical wound care interventions: A systematic meta-review of</u> <u>Cochrane reviews.</u> Int J Nurs Stud. 2020.

Gillespie B, et al. <u>Quality appraisal of clinical guidelines for surgical site</u> <u>infection prevention: A systematic review.</u> PLoS One. 2018.

Gopalakrishnan P, et al. <u>Saline irrigation for the management of skin</u> <u>extravasation injury in neonates.</u> Cochrane Database Syst Rev. 2017. Zena E, et al. Bed <u>rest for pressure ulcer healing in wheelchair</u> <u>users.</u> Cochrane Database Syst Rev. 2016.

Zhang G, et al. <u>Efficacy and safety of blood purification in the</u> <u>treatment of deep burns.</u> Medicine (Balitimore). 2021.





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#### R E LF D С Α R S Е D Е Ν Ν G E L

# **CADTH Rapid Responses**

- Cooling for thermal burns: Clinical effectiveness and guidelines. 2019.
- Hemostatic gauze for wound care: Clinical effectiveness and cost-effectiveness. 2020.
- Honey for wound management: A review of clinical effectiveness and guidelines. 2018.
- Natural sheepskins for prevention or treatment of pressure ulcers: Clinical effectiveness. Cost-effectiveness, and guidelines. 2017.
- Negative pressure wound therapy for infected wounds: A review of clinical effectiveness, cost-effectiveness, and recommendations for use. 2015.
- Negative pressure wound therapy on surgical incisions for patients post-surgery. 2020.
- Non-pharmacological prevention of pressure injuries. 2019.
- Nutrition Assessment and interventions for Wound Care: Guidelines. 2016.
- Pressure offloading cushions for positioning chairs: Clinical evidence and guidelines. 2018.
- Sodium chloride impregnated gauze for fungating, malignant wounds: Clinical effectiveness, cost-effectiveness, and guidelines. 2020.
- Topical wound oxygen therapy for wound healing: A review of clinical effectiveness, cost-effectiveness and guidelines. 2020.
- The use of silver impregnated dressings to prevent or reduce incidence of infection: Clinical effectiveness. 2017.

# GUIDELINES

- American Academy of Orthopaedic Surgeons. Diagnosis and prevention of periprosthetic joint infections clinical practice guideline. 2019.
- Apelqvist J, et al. <u>EWMA document: Negative</u> <u>pressure wound therapy.</u> J Wound Care. 2017.
- Ban K, et al. <u>American College of Surgeons</u> and Surgical Infection Society: Surgical site infection guidelines, 2016 update. J Am Coll Surg. 2017.
- Dirk T, et al. <u>Evidence-based care of acute</u> <u>wounds: A perspective.</u> Adv in Wound Care. 2015.
- Houghton P, et al. <u>Canadian best practice</u> <u>guidelines for the prevention and</u> <u>management of pressure ulcers in people</u> <u>with spinal cord injury: A resource</u> <u>handbook for Clinicians.</u> 2013.
- ISBI Practice Guidelines Committee. <u>ISBI</u> <u>practice guidelines for burn care.</u> Burns. 2016.
- ISBI Practice Guidelines Committee. <u>ISBI</u> <u>practice guidelines for burn care, Part 2.</u> Burns. 2018.
- Legrand M, et al. <u>Management of severe</u> <u>thermal burns in the acute phase in adults</u> <u>and children.</u> Anaesth Crit Care Pain Med. 2020.
- Ling M, et al. <u>APSIC guidelines for the</u> <u>prevention of surgical site infections.</u> Antimicrob Resist Infect Control. 2019.
- McIntosh S, et al. <u>Wilderness medical society</u> <u>clinical practical guidelines for the</u> <u>prevention and treatment of frostbite: 2019</u> <u>Update.</u> Wilderness Environ Med. 2019.
- Murphy C, et al. <u>Defying hard-to-heal wounds</u> with an early antibiofilm intervention <u>strategy: 'wound hygiene'.</u> J Wound Care.

## **GUIDELINES** cont'd

- RNAO. <u>Clinical best practice guidelines:</u> <u>Assessment and management of foot</u> <u>ulcers for people with diabetes.</u> 2013.
- RNAO. <u>Nursing best practice guideline:</u> <u>Risk assessment and prevention of</u> <u>pressure ulcers.</u> 2011.
- Stryja J, et al. <u>Surgical site infection: Pre-</u> vention and management across health care sectors. J Wound Care. 2020.
- WRHA. <u>Regional wound care clinical prac-</u> <u>tice guidelines: Venous, arterial and</u> <u>mixed lower leg ulcers.</u> 2016.

# **Literature Searches:**

Do you want to know more about these or other topics? Health sciences librarians will do a professional literature search for you on any topic or question you have. We will send you a list of references by email, mail, or fax. Select the citations that are of interest to you and we will send you the full text documents.

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2019.

NICE. <u>Pressure ulcers: prevention and</u> <u>management clinical guidelines.</u> 2014.

Orsted H, et al. <u>Best practice</u> recommendations for the prevention and <u>management of wounds.</u> 2018.

RNAO. <u>RNAO best practices guidelines</u> <u>implementation to reduce diabetic foot</u> <u>ulcers.</u> 2018.



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