

# Publications 2021



Fiona Wood  
Foundation

1. **Driving improved burns care and patient outcomes through clinical registry data: A review of quality indicators in the Burns Registry of Australia and New Zealand.**  
Gong J, Singer Y, Cleland H, Wood FM, Cameron P, Tracy L, Gabbe B. Burns, Feb 2021.
2. **Partnering with patients to design a prehabilitation program for optimizing the patient experience through general surgery.**  
Wood FM, Edgar DW, Francis-Coad J, Bulsara C, Barrett-Lennard A, Owen K, Fletcher D, Hill AM. Patient Experience Journal, April 2021.
3. **Smartphone-based optical palpation: Towards elastography of skin for telehealth applications.**  
Sanderson R, Fang Q, Curatolo A, Taba A, Dejong H, Wood FM, Kennedy B. Biomedical Optics Express, May 2021.
4. **A quantitative analysis of the relationship between posttraumatic growth, depression and coping styles after burn.**  
Wood FM, Rea S, Martin L. Burns, June 2021.
5. **Corticosteroid injection alone or combined with surgical excision of keloids versus other therapies including ionising radiotherapy: A systematic review and meta-analysis of randomised controlled trials.**  
Wang R, Danielsen P, Agren M, Duke J, Wood FM, Zeng X, Mao Y, Cen Y. European Burn Journal, May 2021.
6. **The implementation of an infection control bundle within a total care burns unit.**  
McWilliams T, Twigg D, Hendricks J, Wood FM, Ryan J, Keil A. Burns, May 2021.
7. **A prospective pilot study of the energy balance profiles in acute non-severe burn patients.**  
Osborne T, Edgar DW, Gittings P, Wood FM, Le Huray T, Allan B, Scott BR, Wall B. Burns, March 2021.
8. **Early and sustained Lactobacillus plantarum probiotic therapy in critical illness: The randomised, placebo-controlled restoration of gut microflora in critical illness trial (ROCIT).**  
Litton E, Anstey M, Broadhurst D, Chapman A, Currie A, Ferrier J, Gummer J, Higgins A, Lim J, Manning L, Myers E, Orr K, Palermo A, Papparini A, Pellicano S, Raby E, Rammohan A, Regli A, Richter B, Salman S, Strunk T, Waterson S, Weight D, Wilbrow B, Wood FM. Intensive Care Medicine, March 2021.



9. **Estimating tissue expander volume and skin availability using VECTRA 3D imaging software.**  
Lewis CJ, Helmholtz P, Douglas H, Duncan-Smith M, Wood FM. *Journal of Plastic, Reconstructive & Aesthetic Surgery*, March 2021.
10. **Azithromycin in patients admitted to hospital with COVID-19 (RECOVERY): A randomised, controlled, open-label, platform trial.**  
Recovery Collaborative Group. *The Lancet*, February 2021.
11. **Venous thromboembolism prophylaxis practice and its association with outcomes in Australia and New Zealand.**  
Tracy L, Cameron P, Singer Y, Earnest A, Wood FM, Cleland H, Gabbe B. *Burns & Trauma*, February 2021.
12. **A rapid review of burns first aid guidelines: Is there consistency across international guidelines?**  
Mclure M, Macneil F, Wood FM, Cuttle L, Eastwood K, Bray J, Tracy L. *Cureus*, June 2021.
13. **The epigenetics of keloids.**  
Stevenson A, Deng Z, Allahham A, Prele C, Wood FM, Fear MW. *Experimental dermatology*, June 2021.
14. **Poorer first aid after burn is associated with remoteness in Australia: Where to from here?**  
Gong J, Tracy L, Edgar DW, Wood FM, Singer Y, Gabbe B. *Australian Journal of Rural Health*, August 2021.
15. **The psychological impact of paediatric burn injuries: A systematic review.**  
Woolard A, Hill NTM, McQueen M, Martin L, Milroy H, Wood FM, Bullman I, Lin A. *BMC Public Health*, December 2021.
16. **Paediatric burn wound management: Optimising outcomes through all stages of the patient journey.**  
*The Lancet Child & Adolescent Health*, 2021
17. **Neonatal burns: A 10-year review of community and hospital-acquired neonatal burns in Western Australia.**  
Van Oudtshoorn S, Wood FM, McWilliams T. *ANZ Journal of Surgery*, November 2021.
18. **Quantification of the negative impact of sedation and inotropic support on achieving early mobility in burn patients in ICU: A single centre observational study.**  
Bright L, Van Der Lee L, Hince D, Wood FM, Edgar DW. *Burns*, December 2021.



19. **Probiotics and sepsis: Separating the signal from the noise.**  
Litton E, Currie A, Raby E, Strunk T, Wood FM, Regli A, Gummer JPA, Ferrier J, Manning L. Intensive Care Medicine, May 2021.
20. **The efficacy of resistance training in addition to usual care for adults with acute burn injury: A randomised controlled trial.**  
Gittings PM, Wand BM, Hince DA, Grisbrook TL, Wood FM, Edgar DW. Burns, February 2021.
21. **Keloid fibroblasts have elevated and dysfunctional mechanotransduction signalling that is independent of TGF- $\beta$ .**  
Deng Z, Subilia M, Chin IL, Hortin N, Stevenson AW, Wood FM, Prele CM, Choi YS, Fear MW. Journal of Dermatological Science, September 2021.
22. **An in vitro study into the antimicrobial and cytotoxic effect of Anticoat dressings supplemented with chlorhexidine.**  
Barrett JP, Raby E, Wood FM, Coorey R, Ramsay JP, Dykes GA, Ravensdale JT. Burns, September 2021.
23. **A methylome and transcriptome analysis of normal human scar cells reveals a role for FOXF2 in scar maintenance.**  
Stevenson AW, Melton PE, Moses EK, Wallace HJ, Wood FM, Rea S, Danielsen PL, Alghamdi M, Hortin N, Borowczyk J, Deng Z, Manzur M, Fear MW. The Journal of Investigative Dermatology, October 2021.
24. **“The home, the bathroom, the taps, and hot water”: The contextual characteristics of tap water scalds in Australia and New Zealand.**  
Singer Y, Tracy LM, Menezes H, Cleland H, Perrett T, Wood FM, Harvey L. Burns, August 2021.
25. **Wound healing with “spray-on” autologous skin grafting (ReCell) compared with standard care in patients with large diabetes-related foot wounds: An open-label randomised controlled trial.**  
Manning L, Ferreira IB, Gittings P, Hiew J, Ryan E, Baba M, Raby E, Carville K, Norman PE, Davis WA, Wood FM, Hamilton EJ, Ritter JC. International Wound Journal, June 2021.