



Presentations 2018

Presentations of our work is essential. In 2018, the following research was presented as a result of collaborations or primary studies conducted by the Fiona Wood Foundation research team, locally, nationally and internationally.

1. **Carbon dioxide laser treatment in burn-related scarring: a prospective randomized controlled trial**, Douglas H, Murray A, Harms KA, Krop T, Fear M, Rea S, Wood F, American Burns Association, March 2017. Boston, USA and BAPRAS Winter meeting, London, UK and SARS. Nottingham, UK January 2018
2. **Reducing waste: The STAR project (Streamlining Theatre equipment And Resources)**, Narula K, Douglas H, Doran C, Bui J, Dawkins E, Wood F, Rea S. ANZBA, Brisbane, October 2018 - won 1st prize for research bell presentation and e-poster
3. **Post-discharge Analgesia in Burns Patients**. Khoo R, Camer-Pesci A, Douglas H, Rea S, Wood F. ANZBA, Brisbane, October 2018
4. **Scar Hyperpigmentation in Pregnancy**. Wong N, Douglas H, Goodwin-Walters A, ANZBA. Brisbane, October 2018
5. **Burns in the morbidly obese: changes and challenges**. Robinson K, Douglas H, Goodwin-Walters A, ANZBA, Brisbane, October 2018
6. **Burn injuries secondary to cryolipolysis: Freezing fat, burning skin**. Martins J, Douglas H, Wood F, Duncan-Smith M, Rea, S. ANZBA, Brisbane, October 2018
7. **An audit of clinical photography, photogrammetry tools and spatial techniques to assist burn assessment**. Douglas H, Helmholtz P, Belton D, Wood F, Locate 18 - GeoSmart Asia. Adelaide, April 2018
8. **Post-burn healing: quantifying optimal compression therapy**. Kendell, R, McGarry S, Wong I, Wood F, ANZBA, Brisbane, October 2018
9. **Carbon dioxide laser treatment in burn-related scarring: a prospective randomized controlled trial**. Douglas H, Murray A, Harms KA, Krop T, Fear M, Rea S, Wood F. ScarCon ETRS, Amsterdam
10. **A study of the effects of supine position and fluid intake on normal airway geometry using anatomical optical coherence tomography**. Phan A, Karnowski K, Li Q, Neurbahati A, Yip G, Fejes P, Quirk 8, McLaughlin R, Wood F, Sampson D, Photonics West 2018, San Francisco, January 2018
11. **A perfect skin replacement - tomorrow's reality or far far away?** Fear M. ABA, Chicago, April 2018
12. **Targeting lysyl oxidase activity to improve scar appearance**, Fear M, ABA Chicago, April 2018
13. **Investigating the mechanisms involved in cardiovascular morbidity after severe burn injury**, Fear M, ABA, Chicago, April 2018
14. **Prioritizing target genes from large clinical datasets using Watson drug discovery**, Fear M, ABA, Chicago, April 2018



Presentations 2018

15. **The role of big data in burns care of the future**, Fear M, ABA, Chicago, April 2018
16. **Changes to fibroblast phenotype in keloid disorder**, Fear M, International Keloid Symposium, Rome, June 2018
17. **Understanding fibroblast phenotype to promote tissue regeneration**, Fear M, ANZBA, Brisbane, October 2018
18. **Fibroblast phenotype and matrix dynamics in skin, scarring and fibrosis**, Fear M, Cutaneous Biology, Stradbroke Island, October 2018
19. **The long-term impact of burns on the immune system**, Stevenson A, ANZBA, Brisbane, October 2018
20. **Development of mechanism-based Lysyl oxidase inhibitors to reduce skin fibrosis and scarring**, Stevenson A, ANZBA, Brisbane, October 2018
21. **Using Watson Drug Discovery to accelerate research translation**, Stevenson A, ANZBA, Brisbane, October 2018
22. **Development of mechanism-based Lysyl oxidase inhibitors to reduce skin fibrosis and scarring**, Stevenson A, Cutaneous Biology, Stradbroke Island, October 2018
23. **Poster Integration of large data sets from fibrotic tissue to generate targets for anti fibrotic therapies**, Stevenson A, Cutaneous Biology, Stradbroke Island, October 2018
24. **Facilitating Burns management with Mobile Tech. From Idea to deployment**, McLeod G, Australian Telehealth Conference, Sydney, April 2018
25. **The management of major burns**, Wood F, Hyberbaric Nurses and Technicians Association Conference, Bali, 2018
26. **Utilising specialist outreach burns nursing care to facilitate 'right care, right time right place, right team'**, Bowen K, Camilleri J, ANZBA Nursing Seminar, Sydney 2018
27. **Optimising burn care in correctional facilities: A collaborative approach**, Rowe S, ANZBA Nursing Seminar, Sydney 2018
28. **Establishing a perioperative burns unit: a unique challenge**, Doran C, ANZBA Nursing Seminar, Sydney 2018
29. **From Burns to Bubbles**, Rowe S, Hyberbaric Nurses and Technicians Association Conference, Bali 2018
30. **Making the most of co-location: HBOT and Burns**, Camilleri J, Rowe S, Hyberbaric Nurses and



Presentations 2018

Technicians Association Conference, Bali 2018

31. **Positive blood cultures in a burn cohort: epidemiology and outcomes**, Singer Y, Padiglioni A, Tracy L, Gabbe B, Perret T, Cleland H, Raby E. Burns Registry of Australia & New Zealand, ISBI, November 2018
32. **Innovation in Health**, Wood FM, RMIT Innovation Conference, Melbourne 2018
33. **The Future of Regeneration**, Wood FM, World of Science Conference, Brisbane 2018
34. **Spray on skin - a successful example of clinical translation**, Wood FM, Bio fabrication Conference, Weisberg Germany 2018
35. **The cutting edge of burns management**, Wood FM, Don't Forget the Bubbles Conference, Melbourne 2018
36. **Pain Management after Burn Injury: What have we learned that may be applied in other patient populations?** Edgar, D, Physiotherapy Dept and Pain Management Group, SCGH February 2018
37. **How to manage burns research and publication in a clinical setting**, Edgar D, AH Workshop, British Burn Association. Swansea, Wales, UK, April 2018
38. **Burn Survivor Rehab in ICU**, Edgar D. British Burn Association. Swansea, Wales, UK, April 2018
39. **Big data & Outcome assessment**, Edgar D. 2nd European Burn Association Education Meeting, Rotterdam, The Netherlands, September 2018
40. **Rehabilitation Starts at the Time of Injury: Early mobilisation in bed rest patients**, Edgar D, Gittings P, Wood F, 2nd European Burn Association Education Meeting, Rotterdam, The Netherlands, September 2018
41. **Rehabilitation Starts at the Time of Injury: Burn Survivor Management**, Edgar D, WA State-wide Telehealth Burns Education Series, October 2018.
42. **Post-burn healing: quantifying optimal compression therapy**. Kendall R, ANZBA, Brisbane, October 2018
43. **Bioimpedance Spectroscopy provides a valid non-invasive muscle strength measure in burns patients: preliminary results**. Edgar D, ISBI 2018 Delhi, India, December 2018
44. **Does Electrical stimulation improve healing in acute burns, as measured by bioimpedence?** Edwick D, ISBI 2018 Delhi, India, December 2018
45. **The Development of an Integrated State-wide Paediatric Burns Telehealth Service: An Overview**. McWilliams, T, ISBI 2018 Delhi, India, December 2018
46. **EMSB Outreach burns education in Asia Pacific**. Rawlins J, ISBI Delhi, India, December 2018



Presentations 2018

47. **Resistance exercise training for acute burn injury in adults.** Gittings P, ISBI Delhi, India, December 2018
48. **Dense stereo image matching of skin using the Vectra H1 optical camera for 3D burn wound measurement.** Chow J, 10th Annual Leaders in Medicine Research Symposium, Calgary, Canada, November 2018
49. **An audit of photogrammetry tools and spatial techniques to assist burn assessment.** Douglas H, LOCATE, Adelaide, April 2018
50. **The role of research in burn care.** Wood F, British Association of Plastic Reconstructive and Aesthetic Surgery Winter Scientific Meeting, London, UK, November 2018
51. **Macro-mechanobiology of scarring: In Vivo human study of scar stiffness using shear-wave elastography.** DeJong H., Abbott S., Zelesco M., Kennedy B., Martin L, Wood F. International Fascia Conference, Berlin, Germany October 2018
52. **Shear-wave elastography: a new objective method for evaluating scar fibrosis.** DeJong H., Abbott S., Zelesco M., Kennedy B., Martin, ScarCon ETRS, Amsterdam, The Netherlands, June 2018

www.fionawoodfoundation.com