

Publications by The Scar Free Foundation Centre for Children's Burns Research

2018

Hollén, L., Greenwood, R., Kandiyali, R., Ingram, J., Foy, C., George, S., Mulligan, S., Spickett-Jones, F., Booth, S., Sack, A., Emond, A., Dunn, K., Young, A., The SILKIE (Skin grafting Low friction Environment) study: a nonrandomised proof-of-concept and feasibility study on the impact of low-friction nursing environment on skin grafting success rates in adult and paediatric burns. *BMJ Open* 2018. doi:10.1136/bmjopen-2018-021886

Hollén, L., Hughes, R., Dodds, N., Coy, K., Marlow, K., Pullan, N., Davies, J., Dailami, N., Keating, K., Falder, S., Shah, M., Young, A. Use of procalcitonin as a biomarker for sepsis in moderate to major paediatric burns. *Trauma*, 2018; doi:10.1177/1460408618760940

Whale, K., Ingram, J.C., George, S., Spickett-Jones, F., Sack, A., Young, A.E., Exploring the acceptability of using low-friction bedding for patients with burns: Qualitative results from the SILKIE study. *Burns* 2018. (44)1251-1258; doi:10.1016/j.burns.2018.03.017

2017

Hollén, L., Coy, K., Day, A., Young, A., Resuscitation using less fluid does not have a negative impact on hydration status in children with moderate sized scalds: a prospective single-centre UK study. *Burns*, 2017. doi:10.1016/j.burns.2017.04.011

Ikpeme, M., Emond, A., Mytton, J. and Hollén, L., G143(P) Ethnic inequalities in paediatric burns: Findings from a systematic review and analyses of hospital episodes statistics data from 2009 to 2015. *Archives of Disease in Childhood* 2017;102:A59.

Johnson, E., Maguire, S., Hollén, L., Nuttall, D., Rea, D., Kemp, A. Agents, mechanisms and clinical features of non-scald burns in children: A prospective UK study. *Burns*, 2017. doi:10.1016/j.burns.2017.01.036.

Kandiyali, R., Sarginson, J., Hollén, L., Spickett-Jones, F., Young, A. The management of small area burns and unexpected post-burn illness in children under five years of age - a costing study in the English healthcare setting. *Burns*, 2017. doi:10.1016/j.burns.2017.06.005

Slade, E., Thorn, R., Lovering, A., Young, A. and Reynolds, D., In-vitro discrimination of wound associated bacteria by volatile compound profiling using Selected Ion Flow Tube - Mass Spectrometry. *Journal of Applied Microbiology*, 2017. doi:10.1111/jam.13473

Young, A., Agreement on what to measure in randomised controlled trials in burn care: study protocol for the development of a Core Outcome Set. *BMJ Open*, 2017. doi: 10.1136/bmjopen-2017-017267

2016

Davies, A., Spickett-Jones, F., Brock, P., Coy, K. and Young, A., Variations in guideline use and practice relating to diagnosis and management of infection in paediatric burns services in England and Wales: a national survey. *Burns*, 2016. doi:10.1016/j.burns.2016.07.032

Emond, A., Sheahan, C., Mytton, J. and Hollén, L. Developmental and behavioural associations of burns and scalds in children - a prospective population-based study. *Archives of Disease in Childhood*, 2016. doi:10.1136/archdischild-2016-311644

Griffiths, C., Guest, E., White P., Gaskin E, Rumsey N, Pleat J & Harcourt D. A systematic review of patient reported outcome measures (PROMs) used in adult burn research. *Journal of Burn Care & Research*, 2016. doi:10.1097/BCR.0000000000000474

Griffiths, C., How are parents affected when their child has an appearance-altering injury?. *Journal of Aesthetic Nursing*, 2016; 5(2):79-81. doi: 10.12968/joan.2016.5.2.79

Lawrence, J., Qadri, A., Cadogan, J. and Harcourt, D., A survey of burn professionals regarding the mental health services available to burn survivors in the United States and United Kingdom. *Burns*, 2016. doi:10.1016/j.burns.2016.01.021

Trevatt, A., Kirkham, E., Allix, B., Greenwood, R., Coy, K., Hollén, L. and Young, A., Lack of a standardised UK care pathway resulting in national variations in management and outcomes of paediatric small area scalds. *Burns*, 2016; 42(6):1241-56. doi:10.1016/j.burns.2016.04.001

Varley, A., Sarginson, J., Young, A., Evidence-based first aid advice for paediatric burns in the United Kingdom. *Burns*, 2016; 42.3:571-577. doi:10.1016/j.burns.2015.10.029

2015

Griffiths, C., Rumsey, N., Armstrong-James, L., White, P., Pleat, J. and Harcourt, D., Systematic review of patient reported outcome measures used in child and adolescent burn research, *Burns*, 2015; 41,2; 212-224. doi:10.1016/j.burns.2014.07.018

Pomeroy, S., Treating burn wound infections in children. *Nursing in Practice*, 2015. Available from <http://www.nursinginpractice.com/article/treating-burn-wound-infections-children>

Sarginson, J., Young, A., Advances in burns treatment. In Maconochie I, editor. *Recent advances in paediatrics*, 2015; 26th ed. JP Medical Ltd

Thet, N., Alves, D., Bean, J., Booth, S., Nzakizwanayo, J., Young, A., Jones, B. and Jenkins, T., Prototype Development of the Intelligent Hydrogel Wound Dressing and Its Efficacy in the Detection of Model Pathogenic Wound Biofilms. *ACS Appl. Mater. Interfaces*, 2015. doi:10.1021/acsami.5b07372

Warwicker, S., Lobo, C., Daliyami, N. and Young, A., The safety of general anaesthesia in paediatric patients undergoing the application of Biobrane® for small scalds. *Burns*, 2015. doi: 10.1016/j.burns.2015.02.007

2014

Alves, D., Gaudion, A., Bean, J., Perez Esteban, P., Arnot, T., Harper, D., Kot, W., Hansen, L., Enright, M. and Jenkins, T., Combined use of bacteriophage to reduce staphylococcus aureus biofilm formation. *Applied and Environmental Microbiology*, 2014. doi:10.1128/AEM.01789-14

Bean, J., Alves, D., Laabei, M., Esteban, P., Tun Thet, N., Enright, M. and Jenkins, T., Triggered release of bacteriophage K from agarose/hyaluronan hydrogel matrixes by staphylococcus aureus virulence factors. *Chemistry of Materials*, 2014. doi:10.1021/cm503974g

Laabei, M., Jamieson, W., Yang, Y., Elsen, J. and Jenkins, T., Investigating the lytic activity and structural properties of Staphylococcus aureus phenol soluble modulins (PSM) peptide toxins. *BBA Biomembranes*, 2014. doi:10.1016/J.BBAMEM.2014.08.026

Perez Esteban, P., Alves, D., Enright, M., Bean, J., Gaudion, A., Jenkins, T., Young, A. and Arnot, T., Enhancement of the antimicrobial properties of bacteriophage-K via stabilization using oil-in-water nano-emulsions. *Biotechnology Progress*, 2014. doi:10.1002/btpr.1898

Walker, T., Urriza Rodriguez, D., Coy, K., Hollén, L., Greenwood, R. and Young, A., Impact of reduced resuscitation fluid on outcomes of children with 10-20% body surface area scalds. *Burns*, 2014. doi:10.1016/j.burns.2014.02.013

2013

Marshall, S., Hong, S. and Thet, N., Effect of Lipid and Fatty Acid Composition of Phospholipid Vesicles on Long-Term Stability and Their Response to Staphylococcus aureus and Pseudomonas aeruginosa Supernatants. *Langmuir*, 2013;29:6989-6995. doi:10.1021/la401679u

Marshall, S., Jenkins, T. and Al-Bataineh, S., Studying the cytolytic activity of gas plasma with self-signalling phospholipid vesicles dispersed within a gelatin matrix. *Journal of Applied Physics*, 2013;46;Article Number:185401. doi:10.1088/0022-3727/46/18/185401

Sarginson, J., Estela, C. and Pomeroy, S., 155 burns caused by hair straighteners in children: A single centre's experience over 5 years. *Burns*, 2013. doi: 10.1016/j.burns.2013.09.025

Thet, N., Hong, S., Marshall, S., Laabei, M. and Jenkins, A., Visible, colorimetric dissemination between pathogenic strains of Staphylococcus aureus and Pseudomonas aeruginosa using fluorescent dye containing lipid vesicles. *Biosensors and Bioelectronics*, 2013;47:574 doi: 10.1016/j.bios.2012.09.019

2012

Laabei, M., Young, A. and Jenkins, T., In-vitro studies of Toxic Shock Toxin-1 secreting *Staphylococcus aureus* and implications for burn care in children. *Pediatric Infectious Diseases*, 2012;31(5):e73-7. doi:10.1097/INF.0b013e3182493b21

Zhou, J., Thet, N., Hong, S., Mercer-Chalmers, J., Laabei, M., Young, A., Jenkins, A., Development of a prototype wound dressing technology which can detect and report colonization by pathogenic bacteria, *Biosensors and Bioelectronics*, 2011. doi:10.1016/j.bios.2011.08.028