Burns and Wound Care
April - June 2014

This bulletin is aimed at NHS Greater Glasgow & Clyde health care professionals with an interest in burn care and/or wound management.

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Diagnosis and assessment

- Authors - P. Berchialla, E. N. Gangemi, F. Foltran, et al.
  Article title: Predicting severity of pathological scarring due to burn injuries: a clinical decision making tool using Bayesian networks

  Article title: Facial scar assessment and challenges for the future
  Journal title: Burns 2014 40 3 535-536

  Article title: Obese patients in a burn care unit: A major challenge
  Journal title: Burns 2014

- Authors - S. Monstrey, E. Middelkoop, J. J. Vranckx, et al.
  Article title: Updated scar management practical guidelines: non-invasive and invasive measures

- Authors - B. Nedelec, J. A. Correa, A. de Oliveira, et al.
  Article title: Longitudinal burn scar quantification
  Journal title: Burns 2014

- Authors - K. A. Stockton, C. M. McMillan, K. J. Storey, et al.
  Article title: 3D photography is as accurate as digital planimetry tracing in determining burn wound area
  Journal title: Burns 2014

Emergency and intensive care

- Authors - P. Cowie and G. Price.
  Article title: A further perspective on airway management in burns patients
  Journal title: Anaesthesia 2014 69 4 393

  Article title: Burn Intensive Care

- Authors - C. E. Isitt, J. R. Porter and M. P. Vizcaychipi.
  Article title: Initial tracheal tube size for patients with burns
  Journal title: Anaesthesia 2014 69 4 392

  Article title: Benchmarking outcomes in the critically injured burn patient

Epidemiology and Outcomes

- Authors - L. Barqouni, N. Abu Shaaban and K. Elessi.
  Article title: Interventions for treating phosphorus burns

- Authors - F. Ekeblad, B. Gerdin and C. Oster.
  Article title: Impact of personality disorders on health-related quality of life one year after burn treatment
Injury

- Authors - M. Elmasry, I. Steinvall and F. Sjoberg.
  Article title:- "Is the length of time in acute burn surgery associated with poorer outcomes?"
  Journal title:- Burns 2014 40 4 772-773

- Authors - F. Goodhew, M. Van Hooff, A. Sparnon, et al.
  Article title:- Psychiatric outcomes amongst adult survivors of childhood burns
  Journal title:- Burns 2014 40 6 1079-1088

  Article title:- Women are more than twice as likely to die from burns as men in Australia and New Zealand: an unexpected finding of the Burns Evaluation And Mortality (BEAM) Study
  Journal title:- J.Crit.Care 2014 29 4 594-598

- Authors - A. Saracoglu, T. Kuzucuoglu, S. Yakupoglu, et al.
  Article title:- Prognostic factors in electrical burns: a review of 101 patients
  Journal title:- Burns 2014 40 4 702-707

- Authors - J. H. Sarginson, C. Estela and S. Pomeroy.
  Article title:- 155 Burns Caused by Hair Straighteners in Children: a Single Centre's Experience Over 5 Years
  Journal title:- Burns 2014 40 4 689-692

- Authors - M. E. Simsek, G. Y. Ozgenel, R. Kahveci, et al.
  Article title:- Outcomes of elderly burn patients requiring hospitalization
  Journal title:- Aging Male 2014 1-3 No full text available, order via www.quest.scot.nhs.uk

  Article title:- Predicting mortality from burns: The need for age-group specific models
  Journal title:- Burns 2014 40 6 1106-1115

  Article title:- Predictors of health status and health-related quality of life 12 months after severe burn
  Journal title:- Burns 2014 40 4 568-574

- Authors - J. Wise.
  Article title:- Teenagers are using sunbeds less since ban but are still getting burnt
  Journal title:- BMJ 2014 348 g3788

Infection

- Authors - M. Alrawi, T. P. Crowley and S. A. Pape.
  Article title:- Bacterial colonisation of the burn wound: a UK experience
  Journal title:- J.Wound Care 2014 23 5 274-277

- Authors - E. A. Azzopardi, E. Azzopardi, L. Camilleri, et al.
  Article title:- Gram negative wound infection in hospitalised adult burn patients-systematic review and metanalysis
  Journal title:- PLoS One 2014 9 4 e95042

- Authors - C. L. Ciofi Silva, L. A. Rossi, S. R. Canini, et al.
  Article title:- Site of catheter insertion in burn patients and infection: a systematic review
  Journal title:- Burns 2014 40 3 365-373

- Authors - J. Goverman.
  Article title:- Our natural defense: the skin!
Authors - A. Lavrentieva.
Article title: - Diagnostic value of procalcitonin in burn septic patients
Journal title: - Burns 2014 40 6 1239-1240

Article title: - The infection risk of plastic wrap as an acute burns dressing
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Authors - D. van Duin, S. W. Jones, L. Dibiase, et al.
Article title: - Reduction in central line-associated bloodstream infections in patients with burns

Paediatric

Authors - M. Abedipour, A. Tavasouli, B. Sobouti, et al.
Article title: - Frequency and causes of seizure among hospitalized burned children
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Authors - N. J. Brown, R. M. Kimble, G. Gramotnev, et al.
Article title: - Predictors of re-epithelialization in pediatric burn
Journal title: - Burns 2014 40 4 751-758

Authors - T. S. Burge.
Article title: - Scarring in partial thickness burns in children
Journal title: - Burns 2014 40 5 1054-1055

Authors - J. A. Dunne and J. M. Rawlins.
Article title: - Early paediatric scald surgery--a cost effective dermal preserving surgical protocol for all childhood scalds
Journal title: - Burns 2014 40 4 777-778

Article title: - Patterns of burns and scalds in children

Authors - D. N. Kramer and M. A. Landolt.
Article title: - Early psychological intervention in accidentally injured children ages 2-16: a randomized controlled trial

Authors - S. McGarry, C. Elliott, A. McDonald, et al.
Article title: - Paediatric burns: from the voice of the child
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Authors - G. E. van den Bosch, M. G. Baartmans, P. Vos, et al.
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Journal title: - Pediatrics 2014

Physiology and pathology

Authors - M. Hrynyk and R. J. Neufeld.
Article title: - Insulin and wound healing
Journal title: - Burns 2014

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• Authors -M. S. Hu, R. C. Rennert, A. McArdle, et al.
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• Authors -M. G. Jeschke, G. G. Gauglitz, C. C. Finnerty, et al.
Article title:- Survivors versus nonsurvivors postburn: differences in inflammatory and hypermetabolic trajectories

• Authors -R. E. Marck, E. Middelkoop and R. S. Breederveld.
Article title:- Considerations on the use of platelet-rich plasma, specifically for burn treatment

• Authors -J. R. Peterson, S. De La Rosa, H. Sun, et al.
Article title:- Burn injury enhances bone formation in heterotopic ossification model

• Authors -Q. Wessels.
Article title:- Engineered alternative skin for partial and full-thickness burns
Journal title:- Bioengineered 2014 5 3 161-164 No full text available, order via www.quest.scot.nhs.uk

Pressure sores and ulcers

• Authors -Anonymous
Article title:- Updated guidance on pressure ulcer prevention issued
Journal title:- Nurs.Older People 2014 26 5 6

• Authors -K. Balzer, S. Kopke and G. Meyer.
Article title:- NICE recommendation on the use of pressure ulcer risk scores is flawed
Journal title:- BMJ 2014 348 g3638

• Authors -K. Balzer, L. Kremer, A. Junghans, et al.
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• Authors -S. Coleman, E. A. Nelson, J. Keen, et al.
Article title:- Developing a pressure ulcer risk factor minimum data set and risk assessment framework

• Authors -C. Duffin.
Article title:- NICE issues guidance on pressure ulcer prevention and management
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• Authors -B. M. Gillespie, W. P. Chaboyer, E. McInnes, et al.
Article title:- Repositioning for pressure ulcer prevention in adults
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• Authors -G. Langer and A. Fink.
Article title:- Nutritional interventions for preventing and treating pressure ulcers
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• Authors -V. Malafarina, F. Uriz-Otano, C. Fernandez-Catalan, et al.
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Authors - F. Manzano, A. M. Perez-Perez, S. Martinez-Ruiz, et al.  
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Article title: Pressure ulcer related pain in community populations: a prevalence survey  

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Authors - M. Reddy and S. S. Gill.  
Article title: The effectiveness of pressure ulcer risk assessment instruments and associated intervention protocols remains uncertain  

Supportive care

Authors - A. Abdullahi and M. G. Jeschke.  
Article title: Nutrition and Anabolic Pharmacotherapies in the Care of Burn Patients  

Authors - J. Backstrom, C. Oster, B. Gerdin, et al.  
Article title: Health-related quality of life in family members of patients with burns  

Authors - S. Din, M. Shah, Asadullah, et al.  
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• Authors - C. J. Hoogewerf, M. E. van Baar, E. Middelkoop, et al.
  Article title:- Impact of facial burns: relationship between depressive symptoms, self-esteem and scar severity

• Authors - R. Kornhaber, A. Wilson, M. Z. Abu-Qamar, et al.
  Article title:- Coming to terms with it all: adult burn survivors' 'lived experience' of acknowledgement and acceptance during rehabilitation
  Journal title:- Burns  2014  40  4  589-597

• Authors - J. T. Nicolosi, V. F. de Carvalho, A. L. Sabates, et al.
  Article title:- Functional independence in teenage patients with burns

• Authors - C. Oster, I. Hensing, T. Lojdstrom, et al.
  Article title:- Parents’ Perceptions of Adaptation and Family Life After Burn Injuries in Children

• Authors - L. Shepherd and R. Begum.
  Article title:- Helping burn patients to look at their injuries: How confident are burn care staff and how often do they help?
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• Authors - J. S. Tolley and P. S. Foroushani.
  Article title:- What do we know about one-to-one peer support for adults with a burn injury? A scoping review

**Treatment, non-surgical**

• Authors - A. Abdullahi and M. G. Jeschke.
  Article title:- Nutrition and Anabolic Pharmacotherapies in the Care of Burn Patients

  Article title:- Up-to-date approach to manage keloids and hypertrophic scars: A useful guide
  Journal title:- Burns  2014

• Authors - R. D. Kearns, C. B. Cairns, J. H. Holmes, et al.
  Article title:- Chemical burn care: a review of best practices
  Journal title:- EMS World  2014  43  5  40-45

• Authors - N. A. Martin.
  Article title:- The paraffin treatment of burns

• Authors - R. F. Martin.
  Article title:- Management of burns

• Authors - F. Murphy and J. Amblum.
  Article title:- Treatment for burn blisters: debride or leave intact?

• Authors - C. Richardson, D. Upton and M. Rippon.
  Article title:- Treatment for wound pruritus following burns

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- Authors - L. N. Burnett, E. Carr, D. Tapp, et al.
  Article title: Patient experiences living with split thickness skin grafts
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  Article title: Common Postburn Deformities and Their Management

- Authors - M. H. Hermans.
  Article title: Response to letter to the editor: ‘Skin substitutes: which one do we know, which one do we use?’
  Journal title: Burns 2014 40 5 1054

  Article title: Reconstructive surgery after burns: A 10-year follow-up study
  Journal title: Burns 2014

Wound Care

- Authors - L. Atkin.
  Article title: Understanding methods of wound debridement

- Authors - C. Huang, T. Leavitt, L. R. Bayer, et al.
  Article title: Effect of negative pressure wound therapy on wound healing

- Authors - C. Richardson, D. Upton and M. Rippon.
  Article title: Treatment for wound pruritus following burns
  Journal title: J.Wound Care 2014 23 5 227-8, 230, 232-3

- Authors - A. Salibi and A. Farroha.
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