



THE BRITISH BURNS ASSOCIATION RESEARCH SPECIAL INTEREST GROUP



THE NEXT FIVE YEARS: BBA Research Priorities:

The British Burns Association (BBA) Research Special Interest Group is formed of BBA members with research interests. In 2012, the BBA research SIG undertook a formal discussion for areas of research interest important to patients with burns. The ten topics were then voted for to achieve a list of greatest interest and importance to members for patient benefit. A total of 45 members voted. The following is in ranked order:

1. Infection
2. Post-burn Scarring
3. Assessment of burn wound
4. Fluid management
5. Randomised control trials and wound management
6. Inhalation injury
7. Burn prevention
8. Age related pathophysiology of burns
9. Psychosocial aspect of burn rehabilitation
10. Epidemiology of burns

¹ Detection; reduction of resistance; reduction of antibiotic usage; control, pharmacokinetics of antibiotics post- burn.

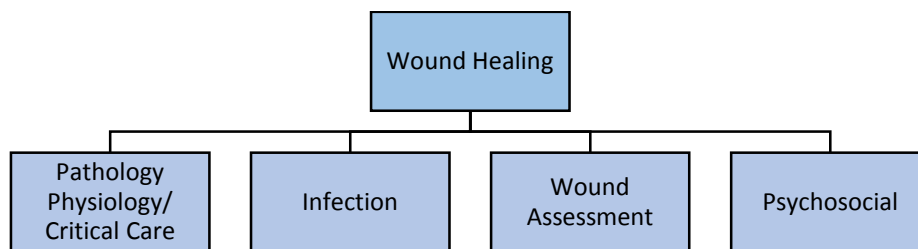
² Predicting, preventing, reducing, biomarkers.

³ Surface area, depth, standardise definitions of burn depth.

⁴ Including factors influencing post- burn rehab.

In September 2014, the BBA research SIG meeting held at the Royal College of Surgeons in London agreed to re-visit and formally agree research priorities for the next five years. Priorities would be chosen to best benefit patients.

Priorities: The team agreed an overall aim of **wound healing to minimise scarring**. Sub priorities would include patho-physiology/critical care, infection, wound assessment and psychosocial.



Big Questions:

1. How do we reduce numbers of patients with psychological and physical scars after burn injury?
2. How do we achieve consistent wound and critical care management in the first 48 hours to achieve best outcomes in relation to scar formation?
3. How do we diagnose infection early to allow early targeted management and wound healing?
4. How does infection and poor healing impact on psychosocial outcomes?

Next Steps:

- Ensure key questions of Research Group are aligned to other BBA sub group and SIG priorities
- Agree to link BBA research priorities to the Healing Foundation research priorities while maintaining BBA research sub group independence