

SWUK ODN Burns Bulletin

Keeping you updated on Burns activity in
South West England and South Wales

Quarter 1 – 2019-20

NHS
South West UK Burn Care
Operational Delivery Network

CONTACT DETAILS

The Welsh Adult Burns Centre & Paediatric Unit

Morrison Hospital, Swansea
Tel: 01792 703 802
Switch: 01792 702222
8:00-17:00: Burns Consultant of the day
17:00-08:00: Burns Consultant on call

SWUK Paediatric Burns Centre

Bristol Royal Hospital for Children
Tel: 0117 342 7901
Switch: 0117 923 0000
(Burns on-call) Bleep 6780

Bristol Burns Unit

Southmead Hospital
Tel: 0117 414 3100/3102
Switch: 0117 950 5050
(Burns on-call) Bleep 1311

Salisbury Burns Unit

Salisbury District Hospital
Tel: 01722 345 507
Switch: 01722 336262
(Burns on-call)

Plymouth Burns Facility

Derriford Hospital, Plymouth
Tel: 01752 792274
Switch: 01752 202082
(Burns on-call)

National Burns Bed Bureau

24 hr help line to find a burns bed
nationally
Tel: 01384 679 036

Welcome to SWUK ODN Burns Bulletin which is designed to keep our stakeholders updated on what's happening across the SWUK Burn Care ODN. This is intended for multi-disciplinary teams within the Specialised Burn Services and their inter-reliant services within our region.

To find out more about the SWUK Burn Care ODN, please visit our website: <http://www.southwestukburnnetwork.nhs.uk/>

If you would prefer not to receive this Bulletin, please let the Network Manager know on <mailto:SWUKBurnsODN@nbt.nhs.uk>

British Burn Association – National Standards for Provision and Outcomes in Adult and Paediatric Burn Care



The 'National Standards for Provision and Outcomes in Adult and Paediatric Burn Care' are the result of collaboration between the British Burn Association (BBA) and the four Burn Care Operational Delivery Networks (ODNs) covering England and Wales. They were first published in 2013 and in early 2017 the Trauma Clinical Reference Group Chair requested that the BBA and ODNs revised this document. A National Burn Standards Review Group (BSRG) was established that included representatives from burns multi-disciplinary teams from specialised burn care services in Great Britain and Ireland, as well as input from survivor support groups and charities.

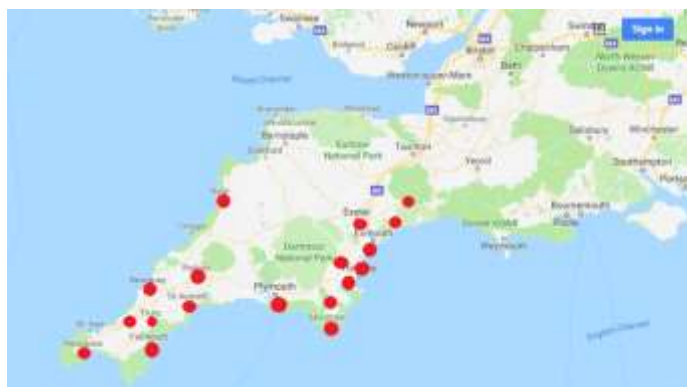
The final document was published in November 2018 and all specialised burn care services were asked to undertake a self-assessment against the standards. The five burn services within the SWUK Burn Care ODN carried out self-assessments during the last quarter of 2018-19. Compliance overall was good, however, there were some common areas across the network where certain standards had not been achieved. These included the desirable requirement for seven day physiotherapy, occupational therapy, psychology and dietetic cover and currently, only two burn services have implemented a telemedicine referral system. During 2019-20 the services will be developing Quality Improvement Plans to address areas of non-compliance. This process will also enable services to be prepared for peer reviews planned for 2020 and 2021 and also their upcoming involvement in the Getting It Right First Time (GIRFT) programme.

Burns Telemedicine - Telereferral

The BBA National Standards require all Burn Care ODNs to have an approved electronic telemedicine/tele-referral system that is capable of supporting referrals from referring hospitals and enables specialist advice to be given to the referring hospitals.

The system the SWUK Burn Care ODN has decided to adopt has been developed by Medical Data Solutions and Services (MDSAS). It allows referring services to securely send information via the referral platform on <https://nww.mdsas.nhs.uk/burns/> which operates in conjunction with a Secure Image Data (SiD) App that can be uploaded onto mobile devices.

The MDAS system was trialled in the Plymouth Burns Facility at Derriford Hospital. During the first nine months of the trial it led to many patients being treated locally as opposed to travelling to Plymouth. On a few occasions, where patients who were thought to have minor burns, these were escalated to more rapid review. There were no 'near misses' or serious incidents and no data issues. Plymouth's conclusion of the trial was that it was a useful tool for screening referrals, provided a better use of the service, reduced patient journeys and was a good tool to audit referrals.



Referring organisations to Plymouth

System security

Using an N3/NHS network computer will ensure a unique patient identifier and strict encryption is maintained when sending a referral. Secure Image Data (SiD) is a mobile App for emergency services and healthcare professionals to share images from the scene of an emergency or between GPs and hospital departments when making a referral. A unique QR code is assigned to each emergency service and to each patient. This code is then scanned by the App prior to taking photos and then sends the images to the correct database and prevent unauthorised uploads. The image is not stored on the mobile device. For further information on SiD, please watch this video: <https://www.youtube.com/watch?v=FyPI-OsiKhk>.

Making a Referral

The tele-referral system is currently only available for referrals to the South West Children's Burns Centre, Bristol and Plymouth Burns Facility, Derriford Hospital. The SWUK ODN services in the Welsh Centre for Burns and Plastic Surgery, Morriston Hospital, Swansea, the Adult Burns Unit at Southmead Hospital, North Bristol NHS Trust and the Burns Unit at Salisbury District Hospital are all currently going through the information governance process to implement the system.

If referring to either the SW Children's Burns Centre or the Plymouth Burns Facility, please always ring the service before making a MDSAS referral to tell them you are about to make a referral.

A video guide to using the tele-referral system:
<https://www.youtube.com/watch?v=mKfgvZy4nnU>



The SW Children's Burn Centre has also developed [referral guidance](#).

For further advice on the referral criteria to a Specialised Burns Service please visit the SWUK Burn Care ODN website: <http://www.southwestukburnnetwork.nhs.uk/page1.aspx?p=21&t=4>

Upcoming Events

National Burns Incident Response Team (BIRT) Information Day – Tuesday 17 September 2019, Wolverhampton



It would take just 20 critically ill burn-injured patients to overwhelm the Specialised Burn Services in England and Wales. To ensure patients receive the best level of specialist care, Burns Incident Response Teams (BIRTs) are being developed to support a response in the early stages following a burns mass casualty incident.

A BIRT will consist of a Burns Surgeon, a Burns Anaesthetist and a Senior Burns Nurse.

This National BIRT Information Day will provide:

- An overview of the NHS England & NHS Improvement Concept of Operations for management of mass casualties – Burns Annex
- An overview of BIRT membership, roles, experience and team working
- Advice on preparing for activation and deployment to organisations receiving casualties
- Information on the wider NHS England emergency response command and control structure
- An understanding of the psychological impact on staff and building emotional resilience in teams
- An understanding of the long term impact on staff and services

Further information and to register: <https://national-birt-information-day.eventbrite.co.uk>

Burns, Blasts and Biohazards – Tuesday 5 November 2019, Bristol



This Study Day is for healthcare staff working in pre-hospital, Major Trauma Centres and Units, Emergency Departments, Intensive Care Units and Theatres.

The day will focus on:

- Burns Mass Casualty Plan – An update
- Pre-hospital Management of Blast Injury
- Managing Blast Injury (Anaesthetics/ITU)
- Surgical Management of Blast Injury
- Chemical Burns and their Management
- Novichok – Lessons learned Salisbury
- Managing Ballistic Injury

Further information and to register: (£32.93 incl. admin fee) via:
https://swukodn_burns_blasts_biohazards.eventbrite.co.uk

Burns Education Day – Monday 11 November 2019, Salisbury



This is a one-day course aimed at Doctors and Nurses within Wiltshire, Dorset, Wessex and Oxford region who may be involved in the care or admission of major burn injured patients. All major aspects of burn care will be covered by Consultants in Salisbury and the regional Burns Centre in Swansea. Topics from Assessment and Dressings to Inhalation injuries and care within the Intensive care setting will be covered. We will also discuss current strategic planning in the event of a mass casualty situation and the Burns Incident Response Team (BIRT).

Further information and to register: https://salisbury_burns_education_day.eventbrite.co.uk

SWUK Burn Care ODN Education Strategy

The SWUK Burn Care ODN has published its [Education Strategy for 2019-21](#). It will focus on two main aims:

AIM 1 – PREPARING FOR BURNS MASS CASUALTY INCIDENTS

Objective 1	Ensure educational opportunities are available to pre-hospital providers across the SWUK region.
Objective 2	Collaborate with Major Trauma Networks to deliver educational opportunities for healthcare professionals in Major Trauma Centres, Trauma Units and Emergency Department within the SWUK ODN region.
Objective 3	Deliver a Regional Burns Incident Response Team (BIRT) Study Day for BIRT volunteers within the SWUK ODN.
Objective 4	Deliver SWUK Regional Stakeholders Education Days aimed at the whole multi-disciplinary healthcare team involved in patient care from pre-hospital onwards.
Objective 5	Support the development of educational resources that are accessible to community therapists in the recovery stages following a burns mass casualty incident.

AIM 2 – LEARNING FROM EACH OTHER

Objective 1	Hold an Annual Regional Morbidity and Mortality Audit.
Objective 2	Take part in the Annual National Burns Morbidity and Mortality Audit.
Objective 3	Hold an SWUK ODN Annual Regional Multi-disciplinary Conference.
Objective 4	Fund a nurse and allied health professional, from each of the Burn Care Services, to attend the Annual National British Burn Care Association (BBA) Conference.
Objective 5	Ensure Burn Care Services are supported in delivering an annual EMSB Course.
Objective 6	Hold a SWUK ODN Annual Regional Therapy Study Day.

The above objectives will be in addition to the vast amount of education and training already being undertaken locally by the five specialised burn care services and MDTs in the ODN.

The combined aim being to:

- Improve and develop knowledge and skills in the assessment, treatment and rehabilitation of burn injured patients by healthcare professionals not routinely faced with burn injuries.
- Increase confidence and knowledge in burns and non-burns staff in a response to a mass casualty incident involving burn-injured patients
- Ensure burns staff and the wider MDT have the opportunity to share good practice and learn from each other.

This strategy will provide networking opportunities across organisational and professional boundaries which will in turn will lead to a more integrated approach and delivery of burn care in the future.

Supporting Children with Burns

The website, 'SupportingChildrenWithBurns.co.uk', was launched on National Burn Awareness Day 2018. It was developed by Dr Jen Heath (Clinical Psychologist and PhD Researcher) at the Centre for Appearance Research (UWE Bristol).



Jen's research investigated the experiences of parents following their child's burn injury. The findings suggested that many parents would value being able to access information about coping, as well as the perspectives and experiential knowledge that other parents have following a similar experience. However, parents found few opportunities to meet peers and there could be emotional and practical barriers that made accessing professionally-led support difficult for them.

Jen found that most parents wanted to access information and peer support online and this could be particularly important when they didn't want to talk about their experiences openly, or when other factors made it practically too difficult to access support for themselves. For this reason, she created this parent-focused peer-informed supportive website.

SupportingChildrenWithBurns.co.uk shares parent stories, information regarding the common experiences of parents when their child is injured, and coping strategies. There is also information on how to support a child through different aspects of burn care and treatment, as well as a 'top tips' section which shares advice that parents helping to develop the website wanted to share directly with other parents.

The most popular pages of the website appear to be those describing the common feelings of parents after their child's injury; those detailing where parents can find further support; advice on supporting their child through a painful procedure, and the 'top tips' section.

Most visitors access SupportingChildrenWithBurns.co.uk after being provided with the URL by paediatric burn services, camps, and charities. Jen has already distributed thousands of fliers to UK paediatric burn services and many services from within and outside the UK are now adding the URL to their own service information leaflets to support the dissemination. Download the [SupportingChildrenWithBurns flyer](#) for your department.

In the first six months



937
new visitors to the website



from **21**
countries

The website now receives an average of



116
visitors per month



86%
new visitors



14%
returning visitors

Feedback



78% extremely likely to recommend the website



22% likely to recommend the website

Great work on design and content. Having one place to go for support will help parents and burn victims to let them see they aren't alone, help is out there. [Burn Survivor]

A really valuable resource. The patient stories and videos will be very useful for me in delivering training for wider MDT colleagues. I will definitely be recommending this website to families and professionals alike. [Clinical Psychologist]

How I wish I'd had this a couple of years ago. So many families will benefit from your great work on this. [Mother]



The CARE Burns – Patient Reported Outcome Measures (PROMs)

Dr Pippa Tollow, Research Fellow & Health Psychologist. University of the West of England

We know that a burn injury of any size can have an extensive and long-lasting impact on the patient and their family. This includes physical problems such as scarring, pain and itching, and psychological and social difficulties including anxiety and concerns about social situations, work, school and romantic relationships. It's important that research and clinical care considers the impact of burns on the lives of patients and parents in order to understand how effectively their treatment and new advances in care are helping them through this difficult experience, and to reduce the likelihood and impact of lifelong difficulties. Patient reported outcome measures (PROMs) are questionnaires that help researchers and NHS staff understand the needs and progress of patients and their family members.

Since 2015, a world-renowned team at the *Centre for Appearance Research* (at the University of the West of England) has been following a rigorous process to develop and test a set of PROMs that are specific to the experiences of people affected by burn injuries. This was stimulated by Jon Pleat's, Consultant Burns Surgeon at Southmead Hospital, observation in Galveston, Texas, that there were assessment tools developed in the USA, but none that had been developed for a UK burn population. The resulting measures, the 'CARE burn scales', are the only PROMS developed with and for UK burn patients, and they've been found to meet various psychometric standards, including construct reliability, internal consistency and validity. In addition, they are the only burn-specific PROM to include both wound and scar phases of recovery, as

well as positive growth. Separate measures are available for adults (18+), children (0-8 years), young people (8-17 years) and parents of children and young people with a burn. The CARE burn scales have recently been included in the British Burns Association's Standard for Provision and Outcomes and they are available for use now (www.careburnscales.org.uk). The team is currently supporting a number of NHS sites and rehabilitation treatment centres keen to use the CARE Burn Scales in their services and are keen to talk to any clinicians who would be interested in finding out more.

Whilst the scales are ready and recommended for use now, research into these scales is ongoing and currently the team is testing whether these questionnaires can detect how things change for people over time. This study, funded by the Scar Free Foundation, involves asking 800 participants (including teenagers, adults and parents of children with burns) to complete the CARE burn scales within 4 weeks of their burn, and then again at 3 months and 6 months post-burn. Participants are being recruited through 14 NHS specialised burn services across the UK and data collection will continue throughout 2019, with the results available in autumn 2020.

If you would like to find out more about the scales, or our current research, then please don't hesitate to get in touch with Dr Pippa Tollow, Research Fellow at the Centre for Appearance Research: pippa.tollow@uwe.ac.uk; 0117 32 87389.

The team at The Centre for Appearance Research in UWE: (left to right, Professor Diana Harcourt, Dr Catrin Griffiths, Danielle Cox and Dr Pippa Tollow.

