



**South West UK Burn Care**  
Operational Delivery Network

# Annual Report

## 2017/18

**SWUK Burn Care**  
**Operational Delivery Network**

Hosted by:  
North Bristol NHS Trust  
Southmead Hospital  
Bristol BS10 5NB



## Audience

**This document is intended as an information resource for senior managers and clinicians in the following NHS organisations within the SWUK Burn Care Operational Delivery Network (SWUK ODN) area:**

- NHS Trusts and Health Boards providing specialised burn care
- NHS England Specialised Commissioning (South)
- North Bristol NHS Trust (host of the SWUK ODN)
- Members of the SWUK ODN Network
- Major Trauma Operational Delivery Networks
- Operational Delivery Networks for Adult & Paediatric Critical Care
- Ambulance Services in SW England and Wales
- Helicopter Emergency Services (HEMs) in SW England and Wales
- Clinical Commissioning Groups

**Additionally, the document is intended for:**

- Other Specialised Burns Operational Networks in England & Wales
- COBIS (Specialised Burn Care in Scotland)
- NHS England Major Trauma Clinical Reference Group

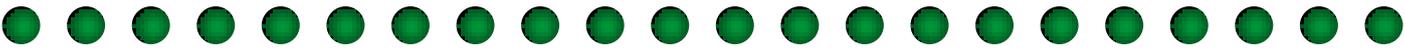
**This document will also provide an information resource for the following non-NHS organisations:**

- Changing Faces
  - Dan's Fund for Burns
  - The Katie Piper Foundation
  - The Children's Accident Prevention Trust
  - The Scar Free Foundation
  - The British Burns Association
- 



## Contents

The South West UK Burn Care Operational Delivery Network	1
Introduction	2
Statement from NHS England Specialised Commissioning South (Host Commissioner)	3
Statement from North Bristol NHS Trust (Host organisation)	3
The SWUK ODN Management Team	4
Network Priorities and Work Programme for 2018-19	5
Service and Quality Improvement:	
• SWUK Senior Nurses Group	10
• SWUK Therapists Group	11
• SWUK Psychologists Group	12
Specialised Services Quality Dashboard for Burns	13
• Adult Quality Dashboard Compliance	14
• Paediatric Quality Dashboard Compliance	15
Service Reports and Performance Highlights:	
• The Welsh Burns Centre, Morriston Hospital, Swansea	16
• South West UK Paediatric Burn Centre, Bristol Royal Hospital for Children, Bristol	18
• Adult Burns Unit, Southmead Hospital, Bristol	20
• Paediatric & Adult Burns Unit, Salisbury District Hospital, Salisbury	22
• Paediatric & Adult Burns Facility, Derriford Hospital, Plymouth	24
Working in Partnership — British Burn Association Annual Research Meeting	25
Work Plan Priorities for 2018-19	26
Appendix 1 — Paediatric Referral Pathway into Specialised Burn Care	27
Appendix 2 — Adult Referral Pathway into Specialised Burn Care	28
Appendix 3 — Overview of Service Activity 2018-19	29

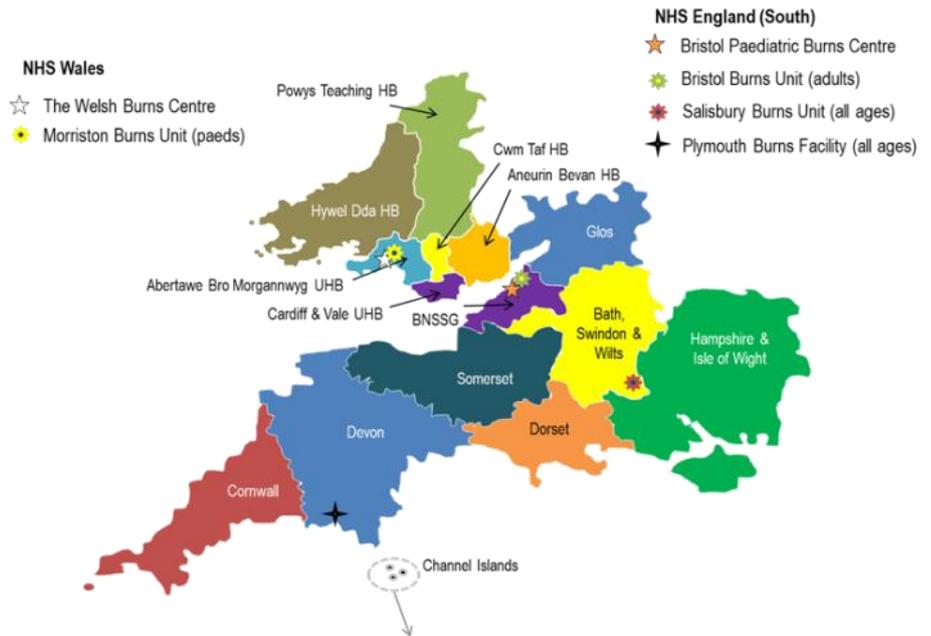


# The SWUK Burn Care Operational Delivery Network (SWUKODN)

## Background

The SWUK Burn Care Operational Delivery Network (SWUK ODN) is one of four national Burn Care ODNs in England and Wales. It is hosted by North Bristol NHS Trust and serves the populations of South West England (including Hampshire, Isle of Wight and the Channel Islands) and South/Mid Wales. The total population is approximately 10 million.

The SWUK ODN is made up of a tiered model of specialised burn care services consisting of Centres, Units and Facilities.



<b>Burn Centres</b> Most complex burns	 Morrision Hospital Swansea Adults only
	 University Hospitals Bristol NHS Foundation Trust Royal Bristol Hospital for Children Children only
<b>Burn Units</b> Moderately complex burns	 North Bristol NHS Trust Southmead Hospital Bristol Adults only
	 Morrision Hospital Swansea Children only
	 Salisbury NHS Foundation Trust Salisbury District Hospital All ages
<b>Burn Facility</b> Non-complex burns	 University Hospitals Plymouth NHS Trust Derriford Hospital Plymouth All ages

## Vision and Purpose

The aim of the SWUK ODN is to ensure patients who suffer from a serious burn injury, within the SWUK ODN area, receive optimal treatment in a timely manner at a service appropriate for the injury sustained, and that the treatment and care given to patients and their families is of the highest quality as measured by regular review of outcomes.

**Ensuring right level of burn care at the right time in the right service.**

## Focus

The key objectives of the SWUK ODN are to ensure:

- Cross-organisational multi-disciplinary clinical engagement to improve pathways of care.
- Safe transfers of patients to the most appropriate level of specialised care within the SWUK ODN or to an appropriate provider in another Burns ODN.
- Standardised protocols for acute care and rehabilitation within specialised burn care services.
- Facilitation of patient engagement and education to ensure the patient voice is represented in service planning and improvements.
- Effective management of the ODN on behalf of the host trust and commissioners.
- Clinical collaborations to facilitate effective patient flow through specialised and non-specialised services.
- Patients are seen within the correct specialised service in accordance with the severity of their burn injury (see Appendices 1 & 2).
- Clinical outcomes are audited, such as survival, complication rates, length of hospital stay per percentage of the Total Body Surface Area (TBSA) injured.
- Assessment of specialised services against national Standards for Burn Care.
- Collaboration in research and clinical audit for patient benefit.

## Introduction



*During 2017-18 the SWUK ODN saw many changes in leadership. We would like to thank all those people who have been instrumental in developing the ODN over the years. We are very lucky in the South West of England and Wales to have such dedicated and skilled multi-disciplinary teams delivering excellent patient care along the patient pathway to recovery.*



2017/2018 has been a year of change both for the SWUK ODN Management Team and the SWUK ODN Board. After setting up and leading the Burn Care Network for many years, Mr Bill Dickson MBE and Dr Amber Young decided that the time had come for a change. Bill retired as SWUK Adult Clinical Lead at the end of April 2018 and is planning on spending a lot more time sailing and enjoying his well earned retirement. Amber decided to step down as Service Clinical Lead for the SWUK Paediatric Burns Centre. She plans to focus on her research interests and will continue to be involved with the ODN with a view raising the profile of burns research in the South West. Steve Cook, Network Manager, was promoted to Network Manager for the Midlands Critical Care, Trauma and Burns Networks. Mr William McFadzean's tenure as Chair of the ODN Board also came to an end. We would like to thank them all for their services to the SWUK ODN and wish them the very best for the future.

Mr Peter Drew and I have taken on the role of SWUK Clinical Leads and I am delighted to welcome Sharon Standen as our new Network Manager. Dr Chris Burton, Medical Director at North Bristol NHS Trust, agreed to Chair the ODN Board from February 2018. This is an interim post for a year in addition to his many other responsibilities at the Trust. Fortunately, Nicky Mackey remains in post as SWUK ODN Lead Nurse.

There were also changes to Service Clinical Leads in the early part of 2018 with Mr Jeremy Yarrow taking over as Service Clinical Lead at The Welsh Centre for Burns, allowing Peter Drew more time to give to his new SWUK Clinical Lead role. Mr Jon Pleat stepped down as Service Clinical Lead for the Bristol Burns Unit and we are extremely grateful for all the work he did. Mr Sankhya Sen took over this role, as well as becoming Service Clinical Lead for The SWUK Paediatric Burns Centre with support from Natasha Clark, Consultant Paediatric Anaesthetist. Mr Eunan Tiernan and Miss Jolita Zakaraite continue as Service Clinical Leads in Salisbury Burns Unit and Plymouth Burns Facility respectively.

The SWUK ODN would not exist without the excellent multi-disciplinary teams within the Burn Services in the region. All deliver excellent patient care and work with their colleagues across the ODN to improve standards in the assessment and management of burns.

Bill and I hope that you find this Annual Report of interest and reflective of what the SWUK ODN has achieved during 2017-18 despite all the changes. I look forward to working with Peter Drew and all my fellow burns colleagues within the SWUK ODN and nationally to continue to improve burn care in the United Kingdom and internationally.

We have many challenges to face in the coming year, including the implementation of the new Burn Care Standards, identifying a tele-referral system that referring organisations can use across the ODN and implementation of the NHS England Concept of Operations for the Management of Mass Casualties (Burns Annex). We continue to face challenges regarding patient transfers into and between burn services and there will also be a greater focus on ODN wide education and communication. A summary of our work plan priorities for 2018-19 can be seen on page 24.

**Dr Joanne Bowes**  
**Consultant Burns Anaesthetist & SWUK Paediatric Clinical Lead**



## NHS England Specialised Commissioning (South)

The SWUK Burn Care Operational Delivery Network (ODN) was established in April 2013 following the publication of the NHS England strategy to sustain and develop clinical networks. ODNs are determined by clinical need as agreed between providers and commissioners and their outcomes and outputs are included in the relevant commissioning service specifications. Responsibility for assuring governance arrangements for ODNs sits with NHS England Specialised Commissioning and responsibility for 'hosting' the ODNs is agreed with a local provider organisation. The SWUK Burns ODN is hosted by North Bristol NHS Trust.

During 2017/18 the SWUK Burns ODN has continued to ensure that standards for burn care are met and care is provided in the right place for patients as described in the service specification. The ODN has continued to play a key role along with partner stakeholders to deliver the patient and care pathway.

In terms of key successes for 2017/18, the following achievements are notable:

- Further developments have been made to ensure that appropriate governance structures are in place, including the engagement of patient representatives within the ODN structure, and;
- Positive and practical steps to ensure synergy between the work of the Burns ODN and the wider Trauma Programme of Care of which burns is an integral part.

Looking forward to 2018/19 there will be key changes in clinical leadership in the ODN, not least with the retirement of Mr William Dickson, the Adult Clinical Lead, and I would like to take this opportunity on behalf of specialised commissioning to thank Bill for his commitment to the ODN and wish him well for the future.

**Dr Vaughan Lewis**  
**Medical Director - NHS England South (Specialised Commissioning)**

## SWUK ODN Host—North Bristol NHS Trust

North Bristol NHS Trust is delighted to host and support the SWUK Burn Care ODN. This Annual Report highlights continued excellent progress in delivery of the ambitious work programme. It was an honour to be asked to take on the Chairmanship of the ODN Board during the year and it has been a pleasure to meet the many staff dedicated to excellent care for burn patients from across our ODN. I have also very much enjoyed meeting the new ODN management team who I am confident will continue to strengthen the effectiveness of the ODN in the future. During the year I was delighted to be able to appoint two excellent clinical leads who will support the management team in developing and delivering the ODN activities. There is clearly an ethos of collaboration within the ODN team that will ensure continuous improvement in quality of care for our patients.

On specific activities the report describes the progress made in improving the pathways for transfers between specialised burn services, ensuring patients are transferred nearer to home at the appropriate time as they recover from their injuries. Infection control remains an important issue for burn care and the ODN continues to support clinical services to improve the management and monitoring of the increasing problem of multi-drug resistant organisms (MDROs). The ODN held a successful Regional Morbidity and Mortality Audit which was commended for its multi-disciplinary approach to addressing lessons learned and a number of cases were presented at the National Audit meeting.

Despite workforce challenges, the specialised burn care services within the ODN have delivered an outstanding programme of education across the region for healthcare professionals, as well as carrying out awareness and prevention sessions with members of the public.

We have contributed to national projects including the review of the British Burn Care Standards, implementation of new Burns Emergency Plans for Mass Casualty Incidents and the Welsh Burns Centre delivered a successful British Burn Association Annual Conference. 2018-19 will bring new demands for the ODN and the Trust looks forward to continuing our effective partnership.

**Dr Chris Burton**  
**Medical Director—North Bristol NHS Trust**

## The SWUK ODN Management Team

*A small dedicated Network Management Team provides leadership for the SWUK ODN. It consists of two Clinical Leads, a Lead Nurse and a Network Manager. Their role is to develop a work plan to address regional and national issues related to burn care, to drive the implementation of individual initiatives and to monitor the effect of each intervention. The team works closely with Burn Service Clinical Leads, Senior Nurses, Lead Therapists and Psychologists. During 2017-18 the Management Team consisted of:*

### **Mr William Dickson MBE — Adult Clinical Lead**

I have had the privilege of being involved with developments in burn care for many years and the introduction of the SWUK Burn Care ODN. The ODN has brought about significant improvements in the way in which multi-disciplinary teams work across burn care services within the ODN. Clinical pathways have been developed to ensure patients receive the optimal care for their burn injury; through a process of annual audit, standards and outcomes have been reviewed. As I come to the end of my tenure as Adult Clinical Lead, I can truly say that I have worked with excellent colleagues in all the services who have strived to improve patient pathways and outcomes. I am sure the ODN will continue to develop further under the leadership of a committed management team. Thank you to all my colleagues, and the burn services within the SWUK ODN, who have supported me through the years in my position as the Adult Clinical Lead.



### **Dr Joanne Bowes — Paediatric Clinical Lead**

Having been appointed to my current post as Consultant Anaesthetist with a specialist interest in burns and burns intensive care at the Welsh Centre for Burns in April 2000, I have been active within the SWUK ODN for the past ten years: Firstly as lead for adult intensive care and now as one of the two clinical leads, working with colleagues to ensure the ODN provides the best possible care for patients. I am co-author of the documents [“Outcome Measures for Adult and Paediatric services”](#) (British Burns Association) and [“Guidance for the Provision of Anaesthetic Services \(GPAS\) for Burns and Plastic Surgery”](#). In addition, I am a keen advocate of education as a means of improving burn care and co-founded the “Burns for Anaesthetists” one day course.



### **Nicola Mackey — Lead Nurse**

I joined the SWUK Burn Care ODN's Management Team as Lead Nurse in 2014; reflecting the multi-disciplinary approach to burn care in the SW of England and South/Mid Wales. I am also Clinical Matron for Burns, Plastics and Dermatology, Pre-Op Assessment and Breast Services at North Bristol NHS Trust. I have established a Senior Nurses Group and deliver an annual professional education senior nurses forum. My focus during 2017-18 has been to maintain high standards of patient care, improve communications around the safe transfer of patients and to share best practice in respect of infection control. It has been a privilege to work with such a dedicated group of staff who are committed to delivering education and service improvement both regionally and nationally.



### **Sharon Standen—Network Manager**

It's been a busy first year for me since joining the SWUK Burn Care ODN in September 2017. I've been getting to know the multi-disciplinary teams in all five burn services and learn more about the tremendous work being undertaken. I've been developing communications across the ODN and built up a network of contacts within inter-reliant services. Education and training of non-burns healthcare professionals has been at the forefront of the ODN and I've been working with the Clinical Leads to deliver an Annual Regional Education Day starting in 2018. We were able to recruit a patient representative to our Board this year and I hope to build on this involvement to ensure the patient's voice is represented within the ODN.



# Network Priorities and Work Programme for 2017-18

*The SWUK ODN Board agreed a work programme for 2017-18. The objectives set were related to quality and safety, patient experience, clinical and organisational governance, service improvement, training and education and communications. The majority of objectives were achieved and full completion was only prevented by a vacancy in the post of Network Manager for the three months after June. The small number that were not achieved have been rolled over to 2018-19." Below is a summary of some of the ODN's achievements during 2017-18.*

## Quality & Safety

### Implementation of Rehabilitation Pathway

The SWUK ODN Therapists Specialist Interest Group defined a therapy pathway within the ODN when repatriating patients to services closer to their home. Their recommended pathway, focusing on a mobility perspective, was agreed by the Board in February 2018 and has been implemented. The agreed pathway has been incorporated into the Repatriation Guidelines and ensures transfers from Swansea Burns Centre to Bristol or Salisbury Adult Units can occur at any time as long as key thresholds have been met. A lower level of mobilising dependency was agreed for patients transferring to Plymouth Facility. These pathways take into account staffing and resources within the Units and Facility.



### Workforce

Some services have experienced workforce issues in relation to consultant cover, nursing, psychology, physiotherapy and occupational therapy during 2017-18. This has been due to a combination of staff vacancies, long term sickness and some wards expanding to include other specialities. A split of paediatric and adult burns services in the Salisbury Unit led to a shortage of paediatric burns skilled nurses. Also, because of the low volume of patients, burns therapists may need to rotate around other services to fulfil Trust commitments.

The ODN will continue to monitor this with services and provide support wherever possible in respect of training, education and promoting burn care as a long-term interest within any career pathway.

### Implementation of a Mental Health Pathway

The SWUK ODN Psychologist Specialist Interest Group collected information from other services in the ODN regarding pathways for patients identified as having mental health needs and requiring liaison with mental health services. Additionally, they analysed how these services interfaced with burn care. This information is currently being collated and will ultimately lead to a better experience of patients.

The group also requested information from each burns service within the ODN about their current psychology provision and operational policies. This information is also currently being collated into a document that will outline current provision available and lead to a more equitable service across the region.

There have been gaps in psychology provision for burns patients in the Bristol Adult Unit. North Bristol NHS Trust has addressed this and a joint Burns/ Outlook Psychology post was agreed and advertised in June 2018.

The Plymouth Facility does not currently have a Psychologist linked to their burns service. The ODN believes this service is vital in supporting the integrity of the network structure in enabling timely repatriation of patients who are recovering from a major burn injury. The ODN has been liaising with Derriford Hospital to look at resolving this gap and this will be taken forward in 2018-19.

# Network Priorities and Work Programme for 2017-18 (cont)

## Audit

### Regional Morbidity and Mortality Audit

The SWUK ODN met the National Burn Care Standards by holding its Annual Regional Morbidity and Mortality (M&M) audit meeting on 5 June 2018 to discuss cases during the period of 1 April 2017 to 31 March 2018. The meeting was Co-Chaired by Mr David Barnes, Consultant Burns and Plastic Surgeon, St Andrews Centre for Plastic Surgery and Burns, Mid Essex Hospital Services NHS Trust and Dr Jim Baird, Consultant Paediatrician, Children's Unit, Salisbury District Hospital, Salisbury NHS Foundation Trust.

All five burn services contributed to the meeting. Both paediatric and adult cases were discussed based on:

- All mortalities within the service, including all comfort care cases.
- All survivor cases, where the service considered there were lessons to be learned (for example, unexpected survivors of burns which would otherwise be expected to have a high risk of mortality).
- All Intensive Care Unit (ICU) patients.
- All Serious Untoward Incidents (SUIs) or patients where a Route Cause Analysis (RCA) has been carried out.

Standardised presentations were used in line with the National M&M Audit template and the meeting provided a forum for learning opportunities and lessons learned from the cases discussed.

The meeting was well attended by the multi-disciplinary teams across the ODN. A total of 16 adult deaths were discussed plus one unexpected survivor. There were no paediatric deaths.



Six cases were submitted for discussion at the National M&M meeting on 10 July 2017.

A number of patient transfers and repatriations were also discussed. This highlighted that there are still occasional issues with patient transfers into and between specialised burns services, specifically related to the pre-hospital transfer direct from scene of injury, and also infection control governance across the organisations within the ODN. The ODN will continue to work with services to improve this across the region during 2018-19.

An RCA was discussed relating to a transfer from Bristol to Swansea. Recommendations were made to the ODN's Clinical Advisory Group and passed onto the Trusts involved to implement.

Dr Bowes presented an audit of Consultant Anaesthetist cover which showed that Swansea was the only specialised service achieving the national burn care standard 100% of the time. As a result of this Dr Bowes will be setting up an Anaesthetist Specialist Interest Group for anaesthetists across the ODN region who work with burns services.



Mr David Barnes  
Co-Chair

*It was a pleasure to co-chair the SWUK ODN Regional Mortality and Audit Meeting this year. The attendance was good and the majority of members of a burns MDT were represented. The talks were given with candour and it was apparent that there was a genuine urge to learn from the cases to improve care for future patients*

# Network Priorities and Work Programme for 2017-18 (cont.)

## Clinical & Organisational Governance

### ODN Clinical Guidelines

The SWUK ODN Clinical Advisory Group (CAG) drafted outstanding ODN Clinical Guidelines in order to comply with the British Burn Association's Standards. These included Guidelines on:

- The repatriation of adult and paediatric burn injured patients within the SWUK ODN;
- The initial assessment and management of burn injured patients;
- Wound management of burn injured patients.
- The use of skin substitutes in the management of burn injured patients;



Those that have been completed and agreed by the Clinical Advisory Group can be viewed on the [SWUK ODN website](#).

### SWUK ODN Board

Dr Chris Burton, Medical Director at North Bristol NHS Trust, kindly stepped into the role of Interim Chair of the ODN Board in February 2018 following the resignation of Mr William McFadzean. This was approved by NHS England Specialised Commissioning.

A new process was implemented for burn services to report to the ODN Board providing Board members with information related to:

- New patient activity
- Service delivery issues
- Risks/Issues
- Any incidents (in relation to transfers into and between burn services, MDRO infections, refused admissions)
- Patient experience feedback
- Staffing updates
- Professional education/teaching
- Patient and public education, training and raising awareness
- Research presentations and publications

## Patient Experience and Engagement

### Patient & Public Voice

We recruited our first Patient & Public Voice Partner in February 2018. Mr Richard Thomas was put forward by Swansea Burn Centre following his experience in their service. Mr Thomas attends the ODN Board meetings and also attended this year's Regional Morbidity and Mortality 2017-18 audit meeting held on 5 June 2018.

*My overall impression of the M&M Audit meeting was of a group of professionals all dedicated to their cause and striving to find ways to improve procedures, interaction and patient care.*

We hope to continue recruiting patient and parent/carer representatives in 2018-19 with a view to developing a small group that can contribute to SWUK ODN service improvement projects.

### Patient Feedback

All Burn services within the ODN have been submitting patient feedback to the Board via their Service Reports. This information is captured via the NHS Friends and Family Test (FFT).

Comments have been extremely positive, with the majority of respondents "extremely likely" to recommend the service. There have been some lovely comments about the staff; their commitment and excellent standard of care, compassion and skill.

We still need to work on burns specific patient questionnaires across the services to evaluate care and information provided to patients to ensure equity across the region. This will enable us to share best practice between services.



During 2018-19 the ODN plans to support development of patient education/peer support projects.

# Network Priorities and Work Programme for 2017-18 (cont.)

## Services Improvement

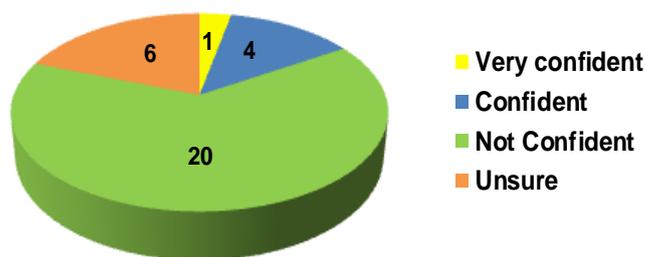
### Outreach Services

An objective was set for 2017-18 to review the provision of outreach services across the SWUK ODN. Unfortunately, this was not achieved. This will be a priority in 2018-19 and we plan to scope existing services and establish a Task and Finish Group to discuss ways of providing an equitable outreach service across the region.

### Supporting Community Services

A recent survey of community services supporting burns patients, carried out by a Physiotherapist at North Bristol NHS Trust, identified that experienced Physiotherapists in the community were not confident when treating burns patients. They also reported difficulty in accessing specialist burns advice and the majority said they would value an on-line tool that would be available for immediate advice. The SWUK ODN will work with the burns Physiotherapists to develop this tool during 2018-19 and add it to the SWUK ODN website.

How confident do you/would you feel treating a burns patient?



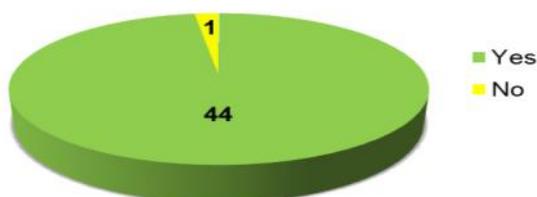
## Professional Training & Education

### MDT Burn Competencies and Learning Framework

All burn services provide training and study days for non-burns healthcare professionals within their hospitals and region.

The SWUK ODN facilitated a Burn Study Day in the Channel Islands in collaboration with the Salisbury Burns Unit, Bristol Paediatric Burns Centre, Bristol Adult Unit and the Jersey Government. This was well attended (72 delegates) and feedback from 45 delegates indicated that almost 100% felt that the study day would influence or change their practice.

Will today's presentations influence or change your practice?



Further information on education within the Burns Services can be found in the Burn Service Reports and Specialist Interest Group Reports sections of this document.

### British Burns Association Conference

The Welsh Centre for Burns hosted the British Burn Association's National Conference in Swansea in April 2018. This was a great achievement for the Swansea team and a summary on the conference can be read on page 25.



The SWUK ODN was pleased to be able to fund registration fees for 15 burns nursing and allied health professional staff to attend the conference.

### Emergency Management of Severe Burns (EMSB) Course

A successful EMSB course was delivered in Bristol in September 2017. A new combined Faculty of Bristol and Swansea was established in 2017 to ensure the SWUK ODN can run at least one EMSB course a year in the region. Further information about the EMSB courses can be found on the [British Burns Association's](#) website.

# Network Priorities and Work Programme for 2017-18 (cont.)

## Referral Pathways & Emergency Planning

### Pre-hospital transfers

An objective in 2017-18 was to better describe the pathway of burns patients from scene of incident to a specialised burns service. This work is on-going and the ODN will work with ambulance and helicopter services in the South West of England and Wales to ensure clear guidance is provided and agreed.



### National Concept of Operations for the Management of Mass Casualties

NHS England published its [National Concept of Operations for the Management of Mass Casualties in November 2017](#) alongside a Burns Annex. The SWUK ODN is working with Burns Services and their Emergency Preparedness, Resilience and Response (EPRR) Leads to embed the Burns Annex into local plans. The ODN also started to work with the Major Trauma Networks and Critical Care Networks in the South West with a view to integrating emergency plans and provide education and training in the initial management and treatment of burns patients. A SWUK ODN Emergency Planning Task and Finish Group was set up to ensure co-ordination across the ODN.

## Communications

### SWUK ODN Communications

A SWUK ODN Objective for 2017-18 was to improve communications within the ODN and externally with key stakeholders, patients and their families. The Network Management Team visited each Burns Service (apart from Paediatric Centre) during 2017-18 and met up with their MDTs. This will continue as least once a year during 2018-19 and the Network Manager and SWUK Lead Nurse will also make regular visits to services.

### Social Media and Website

The SWUK ODN set up a Twitter account ([@SWUKBurnsODN](#)) in 2017. Please follow us! We are following all the stakeholder organisations and third sector organisations involved with burns to keep up to date with latest developments. Twitter will be used to publicise future SWUK Education Events and provide a forum for sharing news between the services.



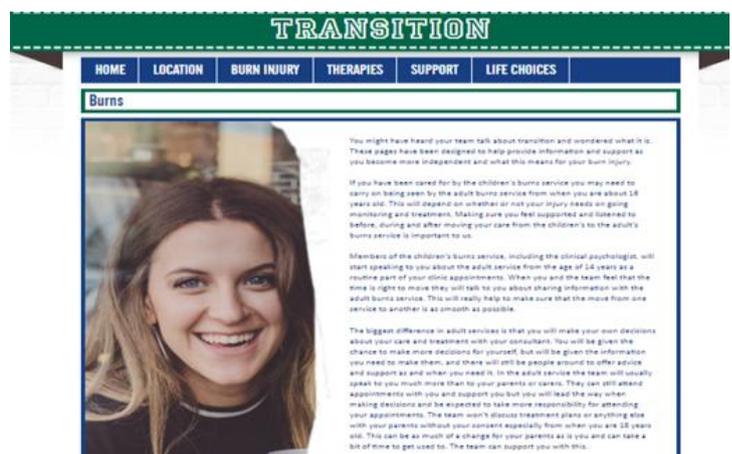
The SWUK ODN website will be updated during 2018-19 to improve access to guidelines and education tools as well as further guidance on accessing the specialised burns services. [www.southwestukburnnetwork.nhs.uk](http://www.southwestukburnnetwork.nhs.uk)

### SWUK Burns Bulletin

A regular SWUK Burns Bulletin will keep all stakeholders updated on SWUK ODN activity. This will allow the ODN to update services on our activities and also be used to share latest developments in the burns community. We were delighted that the first [SWUK Burns Bulletin](#) went out in July 2018.

### Transition within Burns Services

A team at the SWUK ODN Paediatric Burns Centre developed a Transition website (<http://www.uhbristol.nhs.uk/transition/burns/>) for young people moving into adult burn care services. This will be developed further in 2018-19 with the aim of linking to a "Welcome to adult burn services" page on each of the burn service websites.





# Service & Quality Improvement: SWUK Senior Nurses Group

---

The Senior Nurses Group consists of Senior Nurse representation from each of the Burn Services. We meet as a group at least once a year for education and peer support and work with each other to deliver specific objectives on the ODN Work Plan. Amy Johnson also represented the SWUK ODN nurses at the National Burn Care Standards Review Group.

## Education & Training

---

We held our Senior Nurses Forum in December 2017. All services were well represented and topics covered included service updates, nursing research in the ODN and informatics, the Burns Annex, nursing experience of NexoBrid, feedback on the Young Adult Burn Camp and burns outreach in prisons.

The Joint Faculty of Bristol and Swansea delivered an Instructor and Candidate day on the Emergency Management of Severe Burns (EMSB) course in September 2017. The ODN also delivered a Burns Study Day in the Channel Islands for medical, nursing and allied health professional staff with limited burns experience. This received very positive feedback and we plan to deliver similar study days in the more remote areas of our ODN region where access to specialised burn care is limited and patient transfers can be delayed.

All services maintain a register of nursing burn competencies and this is an ongoing process for new staff. Ten nurses from across the ODN region completed the [Burns Module at the University of the West of England](#).

Nurses from every service within the ODN attended the British Burn Association National Conference in Swansea thanks to support from the ODN. Two nurses presented posters.

## Infection Control

---

Infection control practices vary across the ODN and has caused some issues when repatriating patients to another burn service. To address this, it has been agreed that all patients being transferred between burns services will be isolated during the first week. If isolation is deemed by the referring team to be detrimental to the patient, then discussion will take place around the patient remaining in the referring service until such time as they can be transferred as an outpatient or can cope psychologically with the isolation. The therapists are developing a video for patients repatriating from

Swansea to Bristol (adult service) which includes information on infection control practice to reassure them that it is a standard precaution and doesn't mean their progress has taken a step backwards.

## Workforce

---

Nearly all burn services have experienced nursing vacancies over the year. Salisbury experienced some difficulties following a merger of burns and plastics wards in July 2017 which resulted in a reduction of staff with burn competencies. The Lead Nurse and Consultant worked with Trust management to cover some vacancies and the ODN shared job descriptions nationally. The ODN offered to provide support with competency assessment for those nurses new to burns.

Swansea had a number of vacancies on ITU and met with colleagues in cardiac and general intensive care to look at rotations as a means of attracting staff. Their burns theatre recruited an Operating Department Practitioner which has been extremely beneficial in improving infection control practices.

Southmead Hospital had some vacancies, however, these were recruited to following a successful recruitment campaign.

There have been no nursing issues in Plymouth.

## Emergency Planning

---

There has been much interest in the Burns Incident Response Team (BIRT) nursing role. A BIRT Training Day was postponed in September pending review of the Burns Annex and further clarification on indemnifying staff. We look forward to developing this in 2018-19 as part of the SWUK ODN Emergency Planning Group.

## Patient Experience

---

All burn services receive feedback via the standard NHS Family & Friends Test as well as through their organisation's compliments and complaints service. These are all discussed within their MDT meetings and forms the basis for discussion in raising issues of concern. If concerns are raised regarding ODN wide issues (for example, repatriation process) they will be discussed further at the ODN Clinical Advisory Group and ultimately the ODN Board where concerns may be added to the ODN Risk/Issues Register or added to the following year's work plan.

*Nicola Mackey*  
**SWUK ODN Lead Nurse & Matron**

# Service & Quality Improvement: SWUK Therapists Group

The SWUK ODN Therapists Group consists of all Physiotherapists and Occupational Therapists that work within the specialised burn services. We meet three times a year to discuss service delivery, outcomes, National standards and work collaboratively on ODN projects.

A member of the group volunteers each year to represent the therapists on the ODN Board and, more recently, on the Clinical Advisory Group.

We have also provided a representative from the ODN region to be a member of the National Burns Standards Review Group and to liaise with the National Burn Therapy Specialist Interest Group who we worked with collaboratively to audit our therapy documentation.

## Patient Involvement & Education

During 2017-18, the group has worked on increasing patient support by preparing a video for burns patients transferring within the SWUK ODN. We will start filming in September 2018 on a video that will focus on patient transfers from Swansea (Centre) to North Bristol NHS Trust (Unit).

The video will explain to patients and their families what to expect on transferring from a Burns Centre to a Burns Unit; from introducing the new team, a virtual tour of the Unit, any differences in care that they can expect when moving from a Centre to a Unit and that it is a positive move; reassuring the patient that it is part of their pathway to recovery.

The SWUK ODN was pleased to fund this pilot version of the video. The intention will be for it to be reviewed by patients and staff and then adapted before recording similar videos for patient transfers between other burn services within the ODN.

Increasing patient involvement and providing support for patients in the community has always been difficult for the adult services within the SWUK ODN. Despite numerous attempts to facilitate adult support, all have failed. As a therapy network, and in collaboration with the Psychologists, we have revisited this and have considered developing patient and family activity days for burn survivors as we have seen evidence that these have been successful for patient groups following a traumatic brain injury.

The Burns Psychologist at North Bristol NHS Trust also undertook a project to develop a Body Image Workshop which would run in conjunction with return to swimming sessions with the support of the Physiotherapist. We hope that both these projects can be started in 2018-19.

## Clinical Governance

A guideline on the repatriation of adult burn injured patients in the South West UK Burn Care ODN has been revised to include an ODN agreed rehabilitation pathway for these patients. The therapists were not involved in the initial drafting of the document which highlighted the need for our therapy representative to be part of the Clinical Advisory Group to provide a full MDT approach to developing guidelines in the future.

## Workforce

Therapy staffing has been a challenge over the last year in many burns services due to maternity leave and vacancies etc. The Occupational Therapy service at Derriford Hospital has had difficulties meeting the needs of outpatients within their scarring service.

## Education & Training

Improving and implementing external communications and providing training and education is extremely important. Following an audit of community services within the Bristol catchment area this highlighted the need for further training for non-burns therapists.

Swansea had also undertaken a similar study with similar results about 12 years ago and had explored many avenues of training at that time. Many of those hurdles experienced can be overcome now and we will work with the SWUK ODN Manager to improve the SWUK ODN website and use it to deliver this training and share useful resources that are suitable for non-burns clinicians.

**Menna Davies**  
**Clinical Specialist Physiotherapist (Burns)**



## Service & Quality Improvement: SWUK Psychologists Group

The psychology service in the SWUK ODN is delivered by four Clinical Psychologists positioned across the region based in Morrison Hospital (0.96 wte), the Bristol Royal Hospital for Children (0.5 wte), Southmead Hospital (0.48 wte for six months during 2017-18) and Salisbury District Hospital (0.2 wte). Gaps in psychology provision at Southmead Hospital should be resolved in 2018.

According to the needs of their service and psychology provision available, the Psychologists provide a combination of direct inpatient clinical support, direct outpatient support as part of MDT clinics, direct outpatient therapy clinics, interdisciplinary collaboration and liaison with other members of the burns service. They provide consultations and support for other healthcare professionals in all agencies who are involved in the care of patients.

The Psychologists meet on a quarterly basis to work on priorities set out within the SWUK ODN Work Plan. In 2017-18 this involved the development of an ODN psychology provision pathway and a mental health provision pathway. Operational policies have also been developed for individual services to ensure equitable care across the ODN.

### Training, Education and Service Development

The Psychologists taught regularly throughout the year at a national, regional and local level. This included teaching on the University of the West of England Burns course, the Burns Module and Burns Study days run in Swansea, the bi-annual Burns Study days in Salisbury and the British Burn Association National conference and study days. Regular teaching has been provided to the local doctoral courses in clinical psychology and to medical staff within local hospitals.

A number of service development/research projects have been led by psychology, including:

- The development of a transition [website for paediatric burns](#), an NIHR project exploring the impact of burn itch on children and families and the instigation of several projects relating to improving pathways and guidelines around managing painful and distressing dressing changes (Bristol Children's Service).
- Development of digital patient stories and collection of staff feedback on the usefulness of these stories, studying the use and effectiveness of inpatient MDT goal planning during

rehabilitation and poster presentations on these studies at national (BBA) and local (IMPACT) conferences (Swansea Burns Centre).

- In Salisbury, limited resources (0.2 wte) limit service development. We have collaborated with [BUGS](#) in Salisbury in the re-writing and reformatting of patient information provided for parents of children discharged from the Burns Unit and continue to focus on prioritising psychological input to patients and staff, teaching and attending key Burns meeting across the region.

### Current Challenges and Future Plans

Ensuring all patients and families are aware of the Bristol Paediatric Burns Psychology Service is challenging in a speciality where the timing of referrals cannot be planned for. The Outreach Burn Care Nurses provide information cards to outpatients about the service and the take-up of psychological input will be audited. In addition, families will be contacted by telephone by the Psychologist six weeks post-injury to review progress and to provide consented support as required to the patient and family.

In Swansea the fixed term Assistant Psychologist post will come to an end in November 2018. This post has been extremely valuable in working on service development projects. We are hoping to fund a similar post in the future.

In Salisbury, there have been a number of ongoing challenges for staff. The Burns Unit and Plastics Ward have been amalgamated and paediatric burns patients are now admitted to the Children's Ward. This had a significant impact on existing staff and presented difficulties in retention, recruitment and training. To address this issue, Psychology has been part of a service wide plan to provide regular training to paediatric and adult nurses. In addition, the death of one of our Burns patients this year significantly affected staff on the Unit and Psychology has provided 'debriefing' opportunities for individuals and groups of staff involved and will continue to provide support going forward.

*Dr Helen Watkins, Consultant Clinical Psychologist  
(Swansea)*

*Dr Julia Cadogan, Consultant Clinical Psychologist  
(Bristol)*

*Dr Jane Lewendon, Clinical Psychologist  
(Salisbury)*

# Specialised Services Quality Dashboard for Burns

Specialised burn services are delivered as part of the National Programme of Care for Trauma and the Trauma Clinical Reference Group. Each healthcare provider hosting a specialised burn service submits data to the [Specialised Services Quality Dashboards \(SSQD\)](#) for specialised burn care in paediatric and adult services. This provides data for each of the agreed measures (dashboard indicators) listed in Table 1.

**Table 1—National Burns Quality Dashboard Indicators (paediatric and adults)**

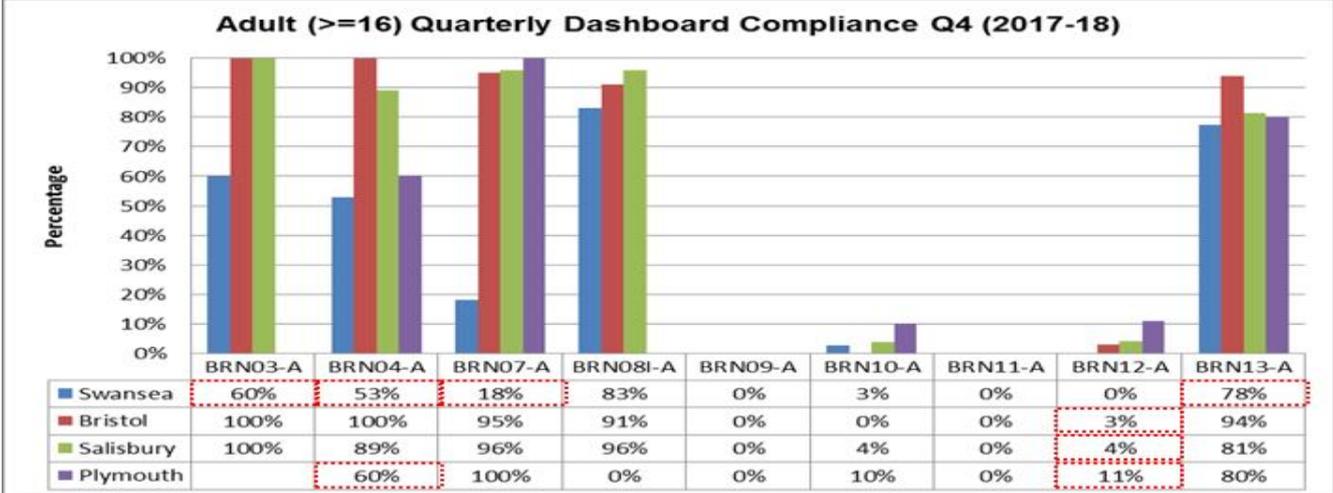
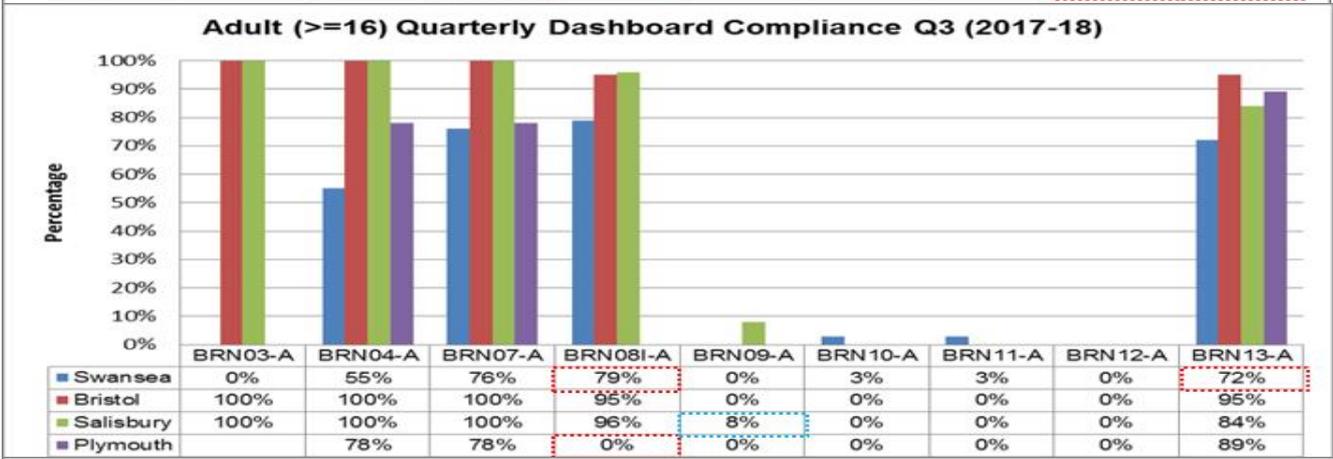
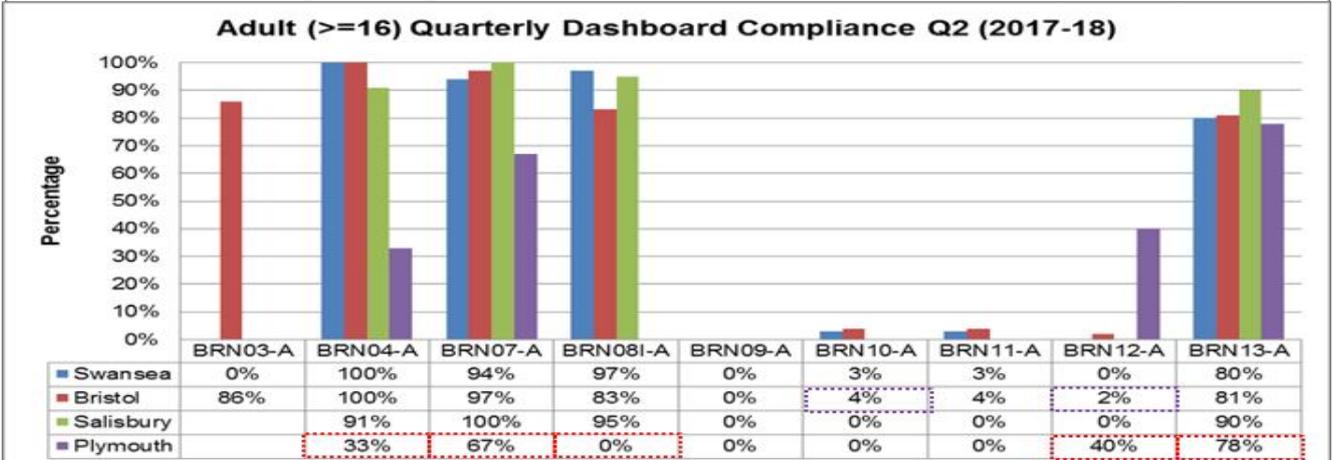
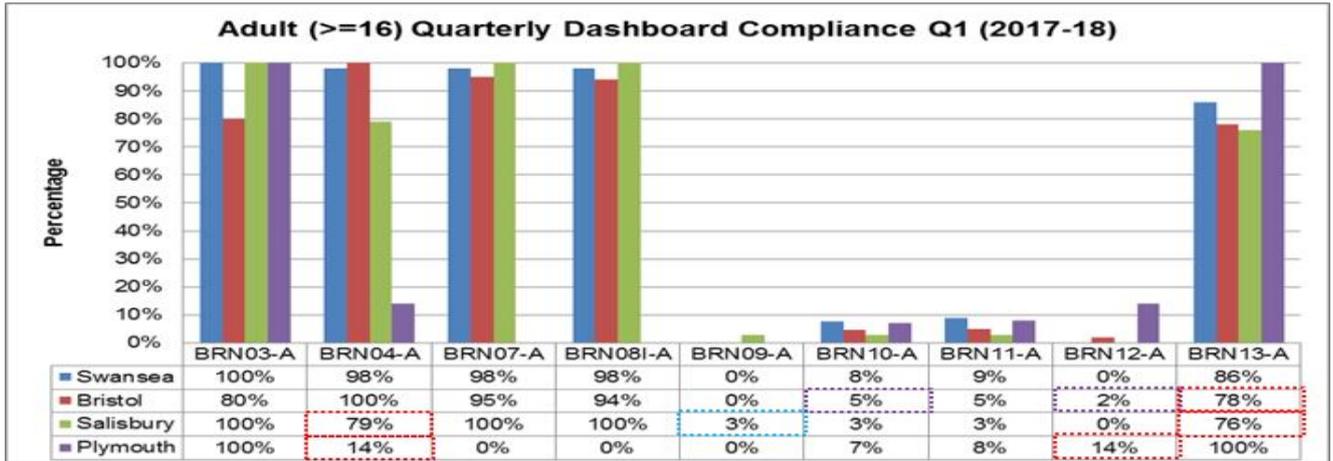
Dashboard Indicator	Name of Indicator	Aspirational Target
BRN03	% of resuscitation and/or mechanically ventilated burns (in age group) assessed by a Consultant Burns Surgeon within 12 hours of admission	75%
BRN04	% of inpatients (in age group) receiving a daily pain assessment using a validated pain assessment tool.	80%
BRN07	% of inpatients (in age group) screened for psychosocial morbidity prior to discharge from burns ward.	75%
BRN08i	% of inpatients (in age group) screened for functional morbidity within 2 working days of admission to the specialised burn service.	80%
BRN09	% of inpatients (in age group) acquiring a blood borne multi-resistant infection.	0%
BRN10	No of admissions (in age group) who died indicated as possibly unexpected deaths.	n/a
BRN11	No of admission (in age group) who survived calculated as being unexpected.	n/a
BRN12	No of inpatients (in age group) admitted to an inappropriate level of care according to the National Burn Care Referral Guidelines (2012).	0%
BRN13	% iBID Minimum dataset completed for inpatients (in age group)	80%

SSQDs are used by NHS England to understand the quality and outcomes of services and reasons for excellent performance. It enables them to make comparisons between service providers and support improvements over time.

Pages 14 and 15 provide a summary of SWUK ODN Burn Services compliance with the Dashboard Indicators during 2017-18. Each service is achieving the majority of outcome measures, however, there are areas that can be improved. % iBID minimum dataset completed was variable due to iBID administrator vacancies across the ODN. All posts were filled by the end of 2017-18 and training and support was provided by Anthony Sack, Burns Research Audit Nurse at North Bristol NHS Trust. Plymouth Burns Facility had some difficulties with occupational therapy and psychology provision. The ODN has been working with the Service Clinical Lead to look at solutions for this as Plymouth is a vital part of the overall Burns Pathway; enabling patients from Devon and Cornwall with serious burns to move closer to home following their initial care in a Burns Centre or Unit within the region. Data from the Bristol Children's Centre also revealed that patients admitted on a Friday and discharged over the weekend may not be assessed for functional or psychosocial morbidity as not all members of the Burns MDT are on duty. The ODN will work with the service to review other options for achieving this indicator.

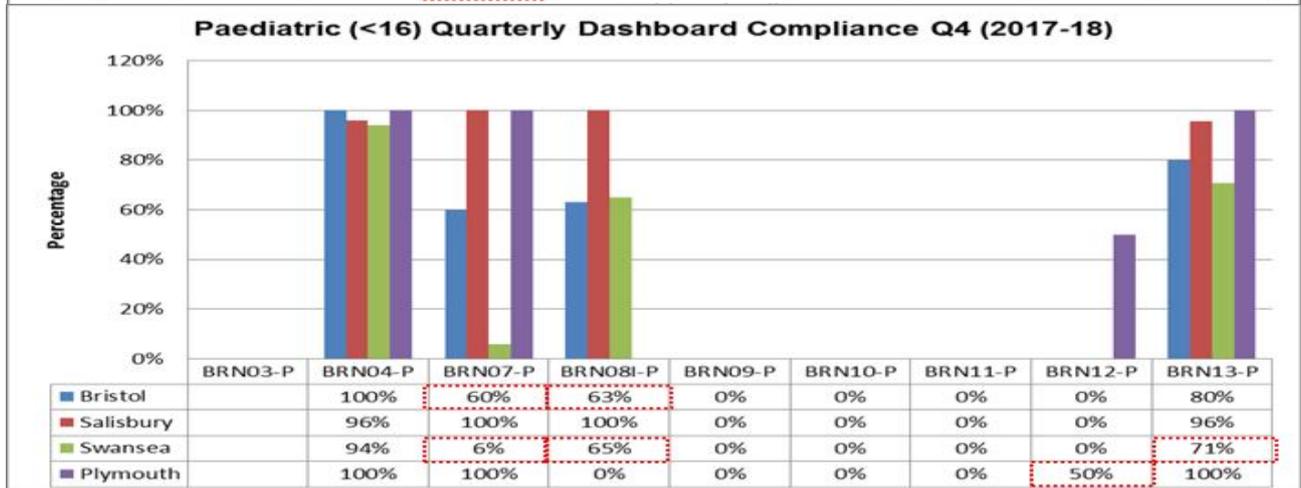
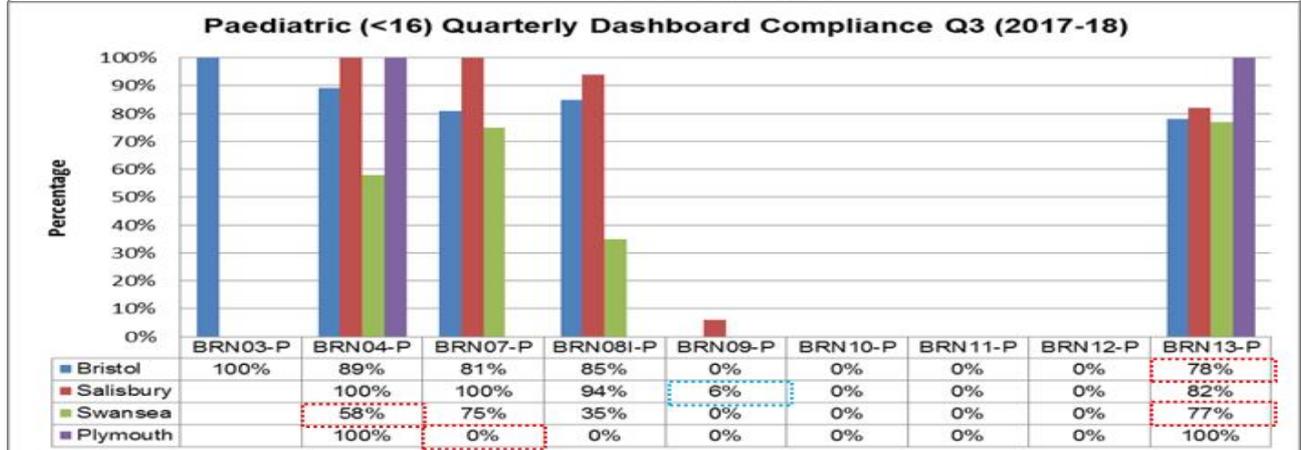
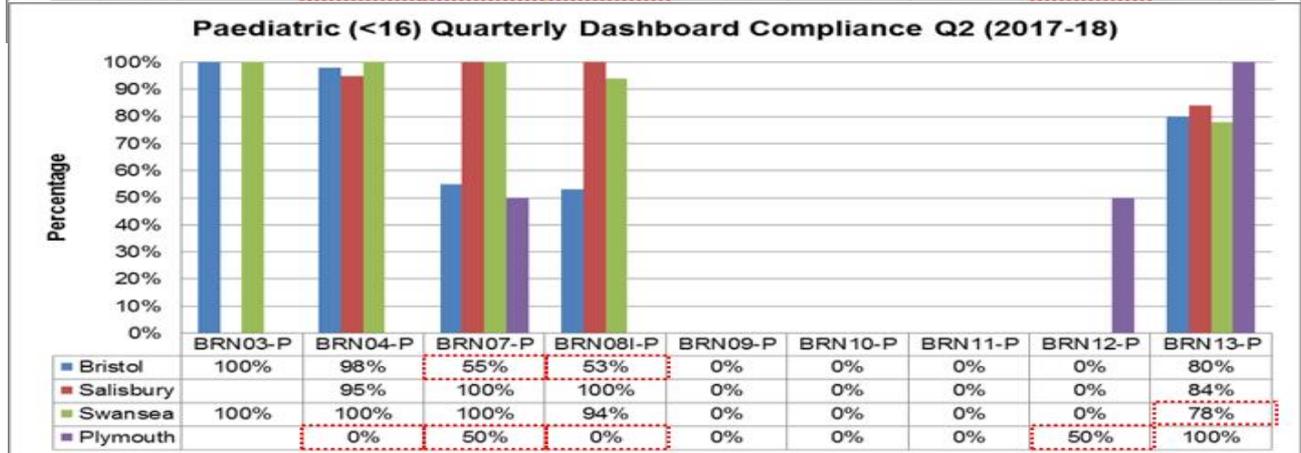
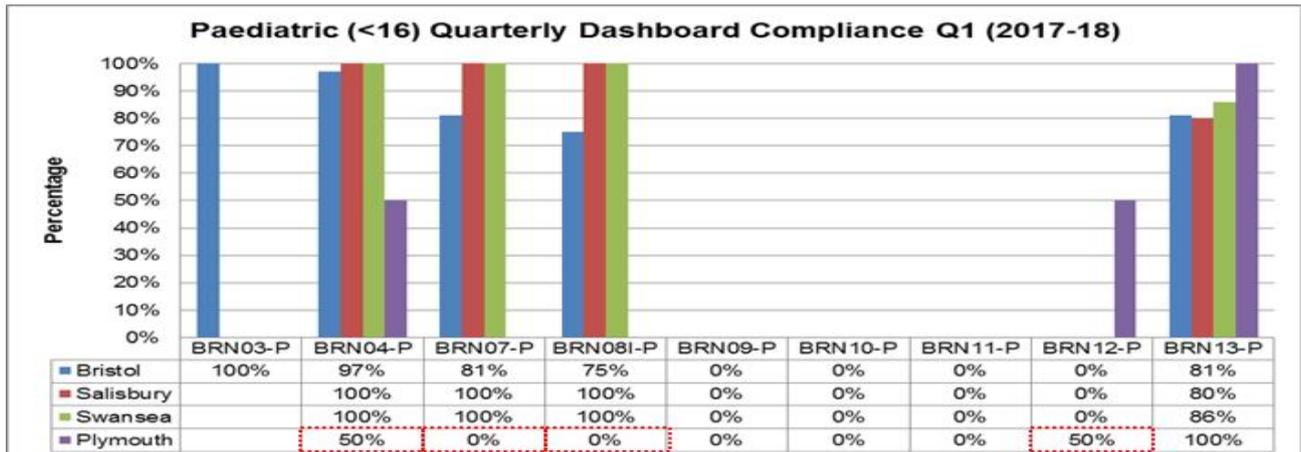
It was noticed that there were some data entry errors in recording multi-resistant (MR) adult and paediatric blood borne infections in Salisbury. There were no MR blood borne infections and the data collection forms have been altered to avoid this misreporting in future. Data validation undertaken in Bristol identified that iBID had recorded the same patients from different angles in relation to unexpected deaths and also patients admitted for comfort care or assessed on the Unit and transferred to the Centre identified as an inappropriate level of care.

# SWUK ODN Burn Services—Quality Dashboard Compliance



  = Did not meet aspirational target     
   = Data entry error     
   = iBID recording of data incorrect

# SWUK ODN Burn Services—Quality Dashboard Compliance



  = Did not meet aspirational target     
   = Data entry error     
   = iBID recording of data incorrect

# Service Reports 2017-18

The Welsh Burns Centre, Morriston Hospital, Swansea

Service Clinical Lead—Mr Peter Drew, Consultant Plastic Reconstructive & Burns Surgeon

*The Welsh Burns Centre (WBC) is based at Moriston Hospital, Swansea and is part of Abertawe Bro Morgannwg University Health Board (ABM UHB). It is the designated Adult Burns Centre for the SWUK Burn Care ODN, providing specialised burn care for all burn-injured adult patients from South and mid Wales and the most severely injured from the South West of England. It also provides Unit level care for children from South and mid Wales with minor to moderate burns.*



## Overview

The Welsh Burns Centre (WBC) treated over 1000 patients in the last year, including eight with burn injuries >40% Total Body Surface Area (TBSA). Four in this group were referred from hospitals in the South West of England and were repatriated back to Adult Burns Units within the Network following their acute treatment. We are working with colleagues in these units to improve the repatriation process for this group of patients.

Staffing issues remain a significant concern, with numerous nursing vacancies in critical care. Initiatives aimed at improving this situation are ongoing and include a new approach to senior nurse practitioner roles. Consultant vacancies have been temporarily addressed by the appointment of two Locum Consultants to cover maternity leave and a substantive vacancy. The appointment of a new iBID data manager has proved to be short-lived; efforts to re-advertise and appoint to this post are on-going.

Over the year, WBC staff contributed at various national and international meetings. This year's annual BBA Conference was successfully organised and hosted by the WBC local organising committee, led by Sarah Hemington-Gorse. The conference took place over three days in April at the new Swansea University campus, with numerous academic presentations and other events on the theme of 'Preparing for Disaster'. Feedback from attendees was excellent. At the meeting, Janine Evans (Occupational Therapist) was awarded the "Best Prevention Poster" prize for "MDT Management of lower limb burns – a prudent approach for better care". Other prizes included second prize in the oral presentation category for 'Managing a Multi-Drug Resistant Acinetobacter baumannii (MDRAB) Outbreak in a Regional Burns Centre: Methods, Consequences and Lessons Learned".

The multi-disciplinary team (MDT) delivered an impressive program of professional education and training during the year. This, together with other activities that took place during 2017-18 within our service and in collaboration with colleagues across the Network, are summarized below:

## Service Developments & Improvements

- Establishing a new Telephone Referral Process
- Trialling a new Paediatric referral pathway
- Trialling of SystemSure™ ATP Environmental Microbiological monitoring system
- Intra-lesional Steroid injections for Hypertrophic scars now provided by Outreach Service
- Micro-needling, oscillation and Physiotouch scar treatments provided by Outreach Service
- Patient stories - "A parent's experience of burn care for a child with learning difficulties"
- Service Review of the management of smoke inhalation injury
- Patient centre goal planning
- Psychological perspective in burn injury

# Service Reports 2017-18

The Welsh Burns Centre, Morriston Hospital, Swansea (cont.)

## Professional Education & Training

- Burns Study Days for Emergency Department Medics and Nursing staff
- In-house training and mandatory training in the management of burns for new nursing and therapy staff
- Education in the community on First Aid and management of burns and the need for rehabilitation in the community for Health Visitors, Community Nursing Teams and Health Teams in Prisons.
- Contributing to a training package for burns and plastic surgery as part of the new NVQ level diploma in physiotherapy support
- Use and evaluation of patient goal planning in burns
- Delivering the "[Foundation in Burns Care](#)" 10 week accredited course in collaboration with Swansea University.
- Training to implement the recent NHS England Concept of Operations for the Management of Mass Casualties (Burns Annex).
- Therapist training in neck mobilisation, burns management for on-call physiotherapists, scar management and role of burns outreach and the role of Occupational Therapists in the management of burn injured children.

## Patient & Public Education/training/raising awareness

- Developing collaborative working with South Wales Fire and Rescue Service
- TV interviews as part of "[Don't be a Lobster](#)" sunburn prevention campaign
- National Burns Prevention Day campaign raising awareness via TV Interviews and radio interviews <http://www.wales.nhs.uk/sitesplus/863/news/46418>
- Developing collaborative working with Age Cymru on burn prevention campaigns with the older population.
- Delivering burn prevention and First Aid training for new mothers
- Developing collaborative working with Swansea University Public Health Department
- Delivering sunburn prevention education to primary school children and teachers, in collaboration with Tenovus Cancer Care charity and Skin Care Cymru
- Delivery a National Young Adults Burn Camp for burns patients in collaboration with colleagues from other burn services.



Further information at The Welsh Burns Centre can be viewed via:

<http://www.wales.nhs.uk/sitesplus/863/page/39301>

# Service Reports 2017-18

## South West UK Paediatric Burn Centre, Bristol

Service Clinical Lead—Dr Amber Young, Consultant Paediatric Anaesthetist

*The South West UK Paediatric Burn Centre is based at Bristol Royal Hospital for Children and is part of University Hospitals Bristol NHS Foundation Trust. The Centre treats around 1,000 children with burn injuries every year. It is the only Paediatric Burn Centre in the SWUK ODN and as such accepts referrals of complex paediatric burns and skin loss conditions in children from the Central South Coast, South & Mid Wales and the South West of England.*



### Overview

The Children's Burn Centre accepted 1086 new referrals and admitted 428 children during 2017-18. Severn children were treated with burns of >10% TBSA. There were no deaths during this period. Nineteen children required HDU/ PICU level care. We now have six commissioned surgical HDU beds on the ward and a new ward sister was appointed in January 2018. On-going issues include having a dedicated burns therapy space and burns theatre lists for reconstructive burn surgery in children.

Whilst our numbers are small for cases requiring reconstructive surgery, we have a steady stream of patients benefitting from scar management treatment under general anaesthesia, including those referred for laser treatment for the management of problematic scars. Our service co-ordinator has been producing interesting monthly infographics summarising both clinical and educational activities delivered by the burn care team. The Service also hosts the Children's Burns Research Centre. The Research Centre has recently stopped recruiting children to the MRC-funded Evident clinical study that is linked to the Smartwound work undertaken as part of a larger study to develop a wound infection diagnostic. A summary of the paediatric burns research in the SWUK ODN region can be found on page 19 of this Annual Report and also on the Paediatric Burns Research website: <http://www.uhbristol.nhs.uk/patients-and-visitors/your-hospitals/bristol-royal-hospital-for-children/what-we-do/the-south-west-uk-childrens-burn-centre/burns-research/>

### Service Developments & Improvements

- Outreach service
- Burns telemedicine support – regional referring services
- Room temperature monitoring for Burns PICU bed

### Professional Education & Training

- UHBristol Children's Faculty of Education: Delivery of a Burns HDU module
- Working with North Bristol NHS Trust and the University of the West of England to deliver a Burn Care & Rehabilitation CPD module (40 credits L3 and LM)
- Burns Study Day for anaesthetists at UHBristol and Burns Therapy training for physiotherapists
- Burns Grand Round Talk on recent advances for UHB medical staff
- External Burns training for nursing and medical staff in Taunton Minor Injuries Unit and Gloucestershire Royal Infirmary Emergency Department
- Burns overview at Paediatric regional study day for paediatric doctors
- Presentation at SW Paediatric Wound Conference, Bristol, on burn wound care for nursing staff
- Burns Study Day in Cirencester for healthcare staff from across the region

### Patient & Public Education/training/raising awareness

- Activities for the National Burns Awareness Day included:
  - \* A burns prevention advice stall in the foyer of the hospital in collaboration with the Scar Free Foundation Centre for Children's Burns Research.
  - \* Prevention videos were produced with UHBristol media team: Fireworks; Safe sparkler Usage;

# Service Reports 2017-18

## South West UK Paediatric Burn Centre, Bristol (cont.)

Bonfire night safety <https://www.facebook.com/videos/1440977242686596/> and <https://www.facebook.com/buywisebesafe/>

- \* A burns prevention stand in a local shopping centre in collaboration with Southmead Hospital and University of the West of England
  - \* Advice and e-posters shared online on Children's Hospital and Frenchay After Burns Children's Club Facebook pages
  - Burns awareness sessions at Children Centres in Bristol and Mother and Baby groups.
- Further information about the SWUK Paediatric Burns Centre can be viewed at: <http://www.uhbristol.nhs.uk/patients-and-visitors/your-hospitals/bristol-royal-hospital-for-children/what-we-do/the-south-west-uk-children-s-burn-centre/>

## Paediatric Burns Research in the South West

The Children's Burns Research Centre is a multi-disciplinary consortium led by the University of Bristol in partnership with the University of the West of England, Cardiff University, University of Bath and University Hospitals Bristol NHS Foundation Trust. The Centre is based at the South West UK Children's Burn Care Centre at the Bristol Royal Hospital for Children.



The research consortium has a track record of working together and has partnered with voluntary agencies and patient groups, with the aims of delivering a patient-centred research programme to provide measurable outcomes for real patient benefit, and developing multi-disciplinary research capacity in burns research.

Unfortunately, funding from The Scar Free Foundation stopped in Nov 2017. However, since then the team at the Children's Hospital has continued to deliver research projects, apply for further funding and continue a presence at National and International meetings, as well as hosting both Medical and Nursing students.

### Current studies during 2017/18 include:

- **The COSB Study** - Optimising evidence-based decision-making for patients with burns by the development of a core outcome set and identification of outcome measurement tools (2017- 2020). Chief Investigator: Dr Young. Also recruiting at Bristol Adults, Swansea and Chelsea & Westminster Burns services. A four year National Institute for Health Research (NIHR) funded project.
- **The EVIDEnT Study** - Laboratory observational *ex-vivo* study to investigate the sensitivity and specificity of a smart dressing to detect clinically relevant wound infection (2016-2018). Chief Investigator: Dr Young. Also recruiting at Bristol Adults, East Grinstead and Chelsea & Westminster Burns services. Medical Research Council (MRC) funded.
- **Wound Infection Consensus (2017-ongoing)** - A national collaboration led by Dr Davies and Dr Young standardising diagnosis of burn wound infection for research reporting involving a systematic review and multi-disciplinary clinical input through a Delphi survey.
- **The DRESSVOCS2 Study** - Rapid diagnosis of wound infection via detection of microbial volatiles (2015-2017) - Elisabeth Slade is carrying out part of her PhD on this project at the University of the West of England (UWE). Recruitment completed.
- **Psybis (2017- 2018)** - Interviews conducted with parents and young people to explore their experience of itch following a burn. Chief Investigator: Dr Cadogan. Recruitment completed.

### Highlights:

- The British Burn Association (BBA) Annual Meeting, London, May 2017 - 1 oral presentation and 6 posters.
- European Burns Association Meeting Barcelona, Spain, September 2017 - 1 oral presentation.
- European Club of Paediatric Burns, Birmingham, June 2017- oral presentation and 1 poster.
- Four medical students and four nursing students.

# Service Reports 2017-18

## Bristol Burns Adult Unit, Southmead Hospital, Bristol

Service Clinical Lead—Mr Jonathan Pleat, Consultant Plastic Reconstructive & Burns Surgeon

*The Bristol Burns Adult Unit is based at Southmead Hospital, part of North Bristol NHS Trust. It provides a comprehensive seven-bedded adult Burns Unit specialising in caring for patients with minor to moderate burn injuries. Patients are referred to the Unit from throughout South West England. Patients within this catchment that have larger burns (> 40% of their total body surface area) are treated in the adult Burns Centre in Swansea. However, these patients may be transferred to the Bristol Adult Unit for rehabilitation once out of the acute phase of injury.*



### Overview

There were prolonged difficulties with the Acute Burns Clinic (ABC) related to both facilities and access. The ABC was moved from a four-bedded bay to two single side rooms in 2017. There has been an improvement in patient privacy, but reduced capacity. Unfortunately, due to a Trust Opel 4 critical incident escalation in 2017 for a prolonged period, the ABC rooms were allocated to non-burns patients to increase Trust bed capacity. During this time staff worked extremely hard to ensure that the ABC functioned in a temporary space on the ward. Patient safety was not compromised and the interim state was closely monitored by infection control. We hope to return to our previous level of infrastructure in 2019 with piped Entonox for dressing changes within the ABC rooms to reduce hospital admissions.

A consultant vacancy has been ongoing due to difficulties with recruitment. This has put a lot of pressure on the existing team of five Consultant Surgeons who operate across paediatric and adult burns services in Bristol. We hope to resolve this in 2018-19.

The Bristol team ran a successful Emergency Management of Severe Burns (EMSB) course in September 2017. This involved multi-disciplinary team (MDT) input and we thank all those concerned in delivering the course. Another course will be delivered in September 2018.

I have been involved with the National Burn Care Standards Revision Committee as the South West's surgical representative. As its predecessor, this document will lay the framework for burns care infrastructure and procedures over the next decade.

There have been some staffing issues with a change from dedicated burns physiotherapy provision to a shared coverage with the general surgical ward. We hope that this will be temporary. The static Band 6 post has also been made into a rotational post. We have had a long period without a Clinical Psychologist (0.48 WTE) in post which has caused issues in respect of repatriating patients from Swansea to Bristol. In recent months, the Trust has agreed to combine the post with an allied post in the Outlook Psychology team. Amongst other spheres, the latter team normally deal with appearance issues.

After my three year tenure, I now hand over the reigns of Burns Lead to Mr Sankhya Sen. I look forward to helping him in the continuing development of our adult burns service at North Bristol NHS Trust.

### Service Developments & Improvements

We have undertaken the groundwork for the adoption of a national telemedicine system that has been pioneered by NHS Digital and the Northern Burns Network. The system will be trialled initially within the paediatric burns service and, if successful, we hope to roll the initiative out in the adult service in 2019.

Our burns simulation sessions with the Intensive Care Unit (ICU) continue to flourish and we have run further sessions this year to hone the management skills of ICU staff.

We continue to run Outreach clinics across the region and in addition to Tiverton, this year we have expanded our sites to include Gloucestershire with both surgical and allied health professional input.

# Service Reports 2017-18

## Bristol Burns Adult Unit, Southmead Hospital, Bristol (cont.)

### Professional Education & Training

A large adult burns contingent were able to attend the excellent British Burn Association (BBA) conference in Swansea and learnt from the broad spectrum of educational talks. Additionally, team members have attended a variety of educational forums including: the European Burn Association (EBA) paediatric meeting; the EBA ScarCon; the Scar II conference; BBA Significant Interest Groups; and the Birmingham instructional meetings under the aegis of the International Society for Burn Injury (ISBI).

We continue to offer support and teaching for nursing staff that are in the process of completing the burns nursing clinical competencies. Amongst varied approaches, this is achieved by individual teaching sessions, the University of the West of England (UWE) Masterclass series and Emergency Management of Severe Burns (EMSB) placements. A [Burn Care and Rehabilitation course](#) is run by a MDT from Southmead Hospital and the Bristol Royal Hospital for Children in collaboration with the University of the West of England. Members of the Southmead nursing staff presented at the SWUK ODN Senior Nurses Forum.

The MDT contribute to education at the University of Bristol and, in my role as lecturer, I have worked with the skin and integument group to introduce burns into the curriculum. Further to this work, the department hosts eSSC study modules for medical students. In these projects, the student works on a research project or audit that specifically focuses on burns care in the clinical environment.

[iBID](#) training is co-ordinated and delivered for the region through our nurse specialist, Anthony Sack. Anthony also serves as chair on the national iBID development committee.

We continue to teach at a National Burns Course for Anaesthetists and Intensivists which is hosted by University Hospitals Bristol NHS Foundation Trust (UH Bristol).

Several members of the MDT contribute to the teaching of trainees in a variety of settings. These include lectures, symposia and simulation sessions for plastic surgery registrars, core trainees, foundation trainees and anaesthetic trainees.

On a wider front, this year we have undertaken sessions on scar management for physiotherapists, burns assessment and management teaching for prison nursing staff, teaching on pain management in burn care, Outreach burns teaching of Emergency Department and Minor Injury Unit staff, and ward round teaching for sixth form students at North Bristol NHS Trust.

Our research base is multi-faceted and includes streams based at Southmead Hospital - under the direction of Mr Ian Mackie and Anthony Sack - and with external collaborations at The University of Bristol, The University of the West of England (UWE) and Oxford University. For example, the University of the West of England Patient Reported Outcome Stream continues to evolve and we are now piloting patient psychological questionnaires on digital tablet devices in clinic.

### Patient & Public Education/training/raising awareness

A burns awareness and prevention stand was set up in the main atrium of Southmead Hospital. Members of the Burns Unit and Avon Fire & Rescue Service provided information on fire prevention and asked the general public to complete a questionnaire on First Aid, e-cigarette and home fire safety measures and then offered advice. This was promoted on the Trust's Twitter page and in the local "Friday Five" Trust HQ Bulletin. Similarly, I have undertaken media interviews for educational purposes about home safety and the treatment of chemical attack injuries.



Further information about the Bristol Adult Burns Unit can be found via:

<https://www.nbt.nhs.uk/our-services/a-z-services/burns>

# Service Reports 2017-18

## Paediatric and Adult Burns Unit, Salisbury District Hospital, Salisbury

Service Clinical Lead—Mr Eunan Tiernan, Consultant Plastic Surgeon

*The Salisbury Burns Unit is based at Salisbury District Hospital which is part of Salisbury NHS Foundation Trust. It is a regional service covering a population of approximately 3.5 million within a catchment area comprising Wiltshire, Hampshire and the Isle of Wight, Dorset and the Channel Islands. The Burns Unit provides care for both adults and children with small to medium sized burns. It also provides a Paediatric Outreach service for children and their families at home.*



### Overview

Admission numbers have been fairly consistent, peaking over the Spring months. The outpatient service continues to be very busy six days a week. Some major changes to the structure of the Burns Unit have meant that the past year has been very challenging. At the end of 2016, the paediatric burn service formally moved to the Children's Unit (Sarum Ward) and in July 2017 the adult Burns Unit merged with the Plastics ward. This re-organisation unfortunately resulted in a number of staff leaving and also a lack of burns skills and knowledge amongst the remaining team. The physiotherapy and occupational therapy services have also had staffing challenges due to vacancies and maternity leave.

### Service Developments & Improvements

#### Adult service

The new combined Adult Burns and Plastics Unit comprises 17 beds, with six beds (including one high dependency bed) set aside for burns patients. There is a new Short Stay Surgical Unit to accommodate the short stay plastics patients. Availability of beds on the Unit is a constant challenge, an issue affecting the Trust as a whole this year. The new Burns and Plastic Unit will be renamed Odstock Ward.

Nursing vacancies have remained high throughout the year despite working hard on recruitment. Plans to expand the Burns and Plastic Unit further have been delayed due to this. The establishment of a new Clinical Nurse Specialist (CNS) post helped with supporting staff with increasing their burns knowledge and skills, however, due to retirement, the CNS was seconded as Ward Manager in April 2018. A new Ward Manager will be in post by October 2018. Burns competencies have been written for nursing staff and progress on completing these will continue once the CNS is back in post. Despite the challenges our service has faced this year, our patient feedback has been excellent.



#### Paediatric service

A Paediatric Burns Working Group was established to ensure children with burns were receiving the right standard of care during the period of reorganisation and beyond. The group plans to meet every two months and the work achieved so far includes:

- Development of paediatric burns competencies
- A new Toxic Shock protocol
- Establishment of a burns teaching programme for the local Multi-Agency Safeguarding Hub (MASH)
- Development of an E-learning teaching package

The Burns Paediatric Outreach Nurse spends at least one day a week on the Paediatric Unit supporting staff through caring for inpatients and completing competencies.



# Service Reports 2017-18

## Paediatric and Adult Burns Unit, Salisbury District Hospital, Salisbury

---

### Professional Education & Training

Three very successful study days were delivered by the Burns multi-disciplinary team in October 2017, March 2018 and May 2018 to a range of professionals including Emergency Department and Minor Injury Unit staff, Practice Nurses, Paramedics and Prison Nurses. This study day is also available for our own staff and attendance has been good this year.

The Paediatric Burns Outreach Nurse continues to deliver an excellent and far reaching education programme which has extended to the regional Air Ambulance and Paramedic services this year.

A small group of staff attended the British Burn Association Conference in Swansea in April 2018 and presentations were given by a number of staff.

Further education and training included:

- Burns Assessment and Management session at Wessex Regional Study Day for Registrars
- Nutrition in Burns for burns and plastics nurses
- Burns training for out patient Physiotherapists and student Physiotherapists and Occupational Therapists.
- Trauma Reactions for burns and plastics nurses by Psychologist
- Burns and Scalds Study Day—all professionals at Salisbury District Hospital

### Patient & Public Education/training/raising awareness

Dr Mark Brewin PhD, a Clinical Scientist for the Salisbury Burns Unit has been undertaking further work with the TalkHealth partnership following the successful introduction of an online health hub for information on scars called talkScars [http://www.talkhealthpartnership.com/talkscars/patient\\_journey/scars.php](http://www.talkhealthpartnership.com/talkscars/patient_journey/scars.php).

This is a patient support programme (PSP) that has been designed to 'plug' the support gap that exists between that of primary/secondary care to the patient (or carer) and that between family/friend to the patient (or carer). The PSP provides direct weekly online support over the course of 12 weeks to give information on all aspects of wound healing and scar management. The PSP is open to suitable candidates to voluntarily join at any time. Patients are given the information to sign up during the dressings stage of their wound care.

It is currently undergoing a pilot scheme to assess the benefits of rolling this type of programme across the Salisbury NHS Foundation Trust . It is hoped that patients on the talkScars PSP may achieve a better wound outcome and the Trust may benefit by increasing treatment efficiency. PSPs are Information Standard Accredited from NHS England as part of ongoing certification.

Members of the burns multi-disciplinary team also hosted an information stand in the hospital restaurant to raise awareness of burn injuries and First Aid as part of the National Burns Awareness Day in October 2017.

Further information about the Salisbury Burns Unit can be found at:

<http://www.salisbury.nhs.uk/informationforpatients/wards/pages/burnsunit.aspx>

# Service Reports 2017-18

## Paediatric & Adult Burns Facility, Derriford Hospital, Plymouth

Service Clinical Lead—Ms Jolita Zakaraite, Consultant Plastic Surgeon

*The Plymouth Burn Facility is based in Derriford Hospital Plastic Surgery Department and is part of University Hospitals Plymouth NHS Trust. It treats over 500 patients a year with minor burns from Cornwall and Devon. The majority do not require in-hospital stay. The Facility provides services for adult and paediatric patients, with paediatric outreach support provided by SWUK Children's Burn Centre. Moderate and major burns are transferred to the Bristol Children's Burn Centre.*



### Overview

Our Burns Facility has been extremely busy during 2017-18. We have seen over 500 patients because of our geographical position covering Devon and Cornwall and our close proximity to the Salisbury Burns Unit. This is above the expected level of patient referrals for Facilities which is estimated around 100 patients per year.

The Facility has experienced difficulties with provision of Physiotherapy and Occupational Therapy input throughout the year for burn injured patients. However, physiotherapy provision has now been resolved but there is still limited Occupational Therapy provision for inpatients only and sporadic cover for outpatients, which has meant we have been unable to expand the scar management clinic. We have, therefore, been unable to comply with the quality indicator BRN08i for functional morbidity screening of inpatients.

The Facility has also never had psychology support for burns patients. Although compliance with quality indicator BRN07 occurs occasionally, this is achieved through the questioning of a patient with a basic psychology assessment that allows any serious concerns to be forwarded to the Psychology Department. The Burns Facility is working with the Trust's Psychology Lead to look at options for a part-time post.

### Service Developments & Improvements

We have been trialling a new Telemedicine referral system since January 2018. Over 100 referrals have been made through this system from referring organisations within our area. We will contribute our feedback of using the system to the SWUK ODN.

### Professional Education & Training

Burns Assessment and Management training has been delivered by an Outreach Nurse in the Plymouth catchment area for Practice Nurses, Minor Injury Units, ambulance services and emergency departments. We have also supported the Salisbury Burns Unit in providing Burns Assessment and Management training to Salisbury District Hospital staff (Nurses, Emergency Nurse Practitioners, Plastics Nurses and junior doctors)

### Patient & Public Education/training/raising awareness

The Burns Team took part in the National Burns Awareness Day in October 2017.



# Working in Partnership

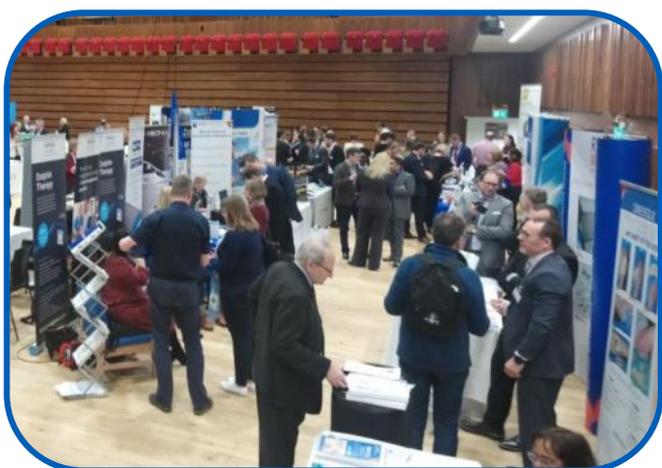
## British Burn Association

### Annual Scientific Meeting 2018



In April 2018, the Welsh Centre for Burns organised and hosted the 51<sup>st</sup> British Burn Association Annual Scientific meeting. The meeting was held in the new Swansea University Bay Campus which accommodated delegates in modern, comfortable facilities adjacent to the seafront.

The 2018 conference theme chosen by the Swansea team was "Preparing for Disaster". This wide ranging brief allowed the Swansea organising committee, led by Consultant Sarah Hemington Gorse, to have a broad multi-disciplinary presence including both national and international experts on disaster planning and management. The full programme can still be view via: <http://www.conventus.com/bba/fullprogramme.html>



The theme was carried across the three day conference covering national and international disasters, with discussions led by leading members of the burns and non-burn community. The huge amount of work and organisation by the whole Swansea team, assisted by the team at Conventus, was reflected in the positive conference feedback. Over 85% strongly agreed that the conference meet their educational needs and was well structured with over 80% reporting to have learnt a great deal!

Amongst the highlights were inspirational talks from Professor Dale Edgar, Head of Burn Injury Research Node at The University of Notre Dame, Perth, and his antipodean colleague Professor Fiona Wood, Consultant Plastic Surgeon at the University of Western Australia.

Professor Edgar, a Senior Physiotherapist, talked on his experience in managing major burn injury patients and early rehabilitation with the mitigation of oedema. Likewise, Professor Wood provided a number of inspirational talks on cell based therapies, how to successfully integrate rehabilitation into post burn recovery and the Australian approach to developing a national burns disaster plan and her experience and involvement in responding to the Bali bombings in 2002.

Both speakers inspired the audience and extolled the virtues of outcome based care utilising evidence established from accurate, systematic measurements. They spoke with a passion and enthusiasm that will be remembered by all and drive burns teams across the United Kingdom to improve care in our own departments.

Another highlight in the programme was the 2018 AB Wallace Lecture given by Dr Amber Young, Consultant Anaesthetist in the SWUK Paediatric Burns Centre. Dr Young's talk captured her experience and thoughts on the future of burn care research and the need to achieve a core outcome set for consistent reporting in burns research.

The British Burn Association Annual Meeting provides an excellent opportunity for the burns community to come together and provide a multi-disciplinary networking opportunity. We were pleased to receive these positive comments from delegates.



*Very informative. Lots of information to take back to my area of work and feedback to other therapists.*

*Good amount of rehab/therapy related topics this year - thank you!*

*All together in one room = real MDT approach to learning. Well done.*

*Fabulous speakers & really inspirational.*

*Really appreciated the venue, programme & administrative support. The Swansea team deserve our thanks.*

# Work Plan Priorities for 2018-19

*The SWUK ODN develops a work plan every year based on regional and national priorities. Regular service reports to the ODN Board ensures areas of concern are raised and can be addressed as part of the ODN work plan. All work plan topic areas are aimed at improving standards of care, access and outcomes for patients and their families. The SWUK ODN Work Plan for 2018-19 was approved by the ODN Board in April 2018. Below is an overview of the ODN's objectives for 2018-19.*



## Clinical Governance

Identifying a Tele-referral system that can be used across the SWUK ODN will be a priority in 2018-19. The MDSAS tele-referral system for burns has been piloted in Plymouth and we will review their experience of using it. Each Service Clinical Lead will work with their Trust's Caldicott Guardian and Information Governance Lead to ensure whatever system is chosen is compliant with current regulations.

We will work with ambulance and air ambulance services to improve transfers of patients into and across the burns specialised service, ensuring patients are seen as soon as possible within the most appropriate level of service. Also ensuring we minimise the risk and spread of MDRO infections into and within the burn services, whilst managing patient expectations.

Burns services will be asked to self-assess compliance with the new BBA Burn Care Standards once they have been published.

## Service Improvement

Transition from paediatric to adult services can often be a difficult time for young people, having to meet a new team of healthcare professionals and take on more responsibility for managing their own health. With input from the Psychology Group we will review the current transition pathway against the NICE Transition Quality Standards and collect feedback from patients who have recently moved into adult services.

Outreach services are a vital part of the burn care pathway. We plan to map existing outreach services and develop an outreach task and finish group to ensure outreach provision is equitable across the ODN.

The ODN Therapy Group and the ODN Psychology Group will continue to work on improving pathways for rehabilitation and psycho-social/mental health provision respectively.

## Emergency Planning

An ODN Burns Mass Casualty Planning Group will coordinate the implementation of the Burns Annex of the NHS England Concept of Operations for Managing Mass Casualties into Trust emergency plans. Clinical Leads will be nominated for England and Wales to work with the ODN Manager and Emergency Preparedness Resilience and Response Leads to ensure consistency across the ODN.

## Professional Education & Training

We will hold an ODN Regional Education Day in November 2018 on "[Preparing for a Burns Mass Casualty Incident](#)". This will be aimed at all healthcare professionals who would be involved in patient retrieval from scene through to transfer to a specialised burns service. We will continue to develop collaborations with the Major Trauma and Critical Care ODNs in the region to deliver study days on the assessment and management of burn injured patients.

## Patient & Public Engagement

We plan on developing burn specific patient questionnaires and work with services to embed feedback processes throughout the patient pathway.

Encouraging patient involvement can be difficult. However, we hope to increase patient and parent/carer involvement at a governance level through membership on the ODN Board and, if possible, development of a small Patient & Public Voice Group. The ODN will also work with services to develop education and support resources for patients and their families.

## Research & Innovation

There is a great deal of burns research being carried out in the South West and we will work with the Research Leads to utilise the ODN structure to widen participation in clinical research trials in the region.

# Appendix 1

## Paediatric Referral Pathway for Specialised Burn Care (<16 years)

	TBSA / DEPTH	OTHER FACTORS	BURNS SERVICE
FACILITY	TBSA: $\geq 2\%$ <5% DEPTH: Full thickness	Site: Significant burn to special areas (hands, feet, face, perineum, genitalia) Mechanism: Chemical, electrical, friction, cold injury Other: Unhealed after 2 weeks Unwell/Febrile child with burn Any other co-morbidities that may affect treatment or healing of burn Anything >1% TBSA contact the Children's Assessment Unit	Derriford Hospital PLYMOUTH Children's Assessment Unit Tel: 01752 245122 Switch: 01752 202082 (Burns on-call)
UNIT	TBSA: $\geq 5\%$ <30% or TBSA: <15% & AGE: under 1 year or TBSA: $\geq 1\%$ DEPTH: Full thickness & AGE: under 6 months or TBSA: $\geq 2\%$ DEPTH: Full thickness & AGE: under 10 years	Site: Significant burn to special areas (hands, feet, face, perineum, genitalia) Site: Any circumferential burn Other: Any predicted or actual need for HDU/PICU (including support required other than for burn injury (ie, smoke inhalation) Any significant deterioration in physiology Any burn with suspicion of non-accidental injury All children with a Major Trauma + Burn Injury within unit thresholds Any burn injury in a neonate should be discussed with a Burn Unit or Centre Patients with a skin loss disease (eg, Staphylococcal Scalded Skin Syndrome)	Salisbury District Hospital SALISBURY Tel: 01722 345 507 Switch: 01722 336262 (Burns on-call) Bleep 1029  The Welsh Burns Centre Morrison Hospital SWANSEA Tel: 01792 703 802 Switch: 01792 702222 8:00-17:00 Burns Consultant of the day 17:00-8:00 Burns Consultant on call
CENTRE	TBSA $\geq 30\%$ or TBSA: $\geq 15\%$ & AGE: under 1 year or TBSA $\geq 20\%$ & DEPTH: Full thickness	Other: All those predicted to require assisted ventilation specifically for their burn injury for more than 24 hours. Any child who is physiologically unstable as a result of burn injury All children requiring respiratory support All children with Major Trauma + Burn Injury within Centre thresholds Any burn injury in a neonate should be discussed with a Burn Unit or Centre Patients with a skin loss disease (eg, Staphylococcal Scalded Skin Syndrome)	Bristol Royal Hospital for Children BRISTOL Tel: 0117 342 7901 Switch: 0117 923 0000 (Burns on-call) Bleep 6780

Each service can accept burn referrals up to their designated threshold.  
If in doubt – call your nearest burns service and they will be able to offer advice

## Appendix 2

# Adult Referral Pathway for Specialised Burn Care (16 years +)

		TBSA / DEPTH	OTHER FACTORS	BURNS SERVICE
REFERRAL THRESHOLDS FOR:	FACILITY	<p><b>TBSA: <math>\geq 3\%</math> <math>&lt; 10\%</math></b>  <b>DEPTH: Partial Thickness</b>  <b>All Deep Dermal &amp; Full Thickness Burns</b></p>	<p>Site: Any burn to special areas (hands, feet, face, perineum, genitalia)            Mechanism: Any chemical, electrical, friction, cold injury            Other: Unhealed after 2 weeks            Any other co-morbidities that may affect treatment or healing of burn            i.e immuno-suppression, diabetics, pregnancy</p>	<p><b>Derriford Hospital</b>  <b>PLYMOUTH</b>            Tel: 01752 792274            Switch: 01752 202082            (Burns on-call)</p>
	UNIT	<p><b>TBSA: <math>\geq 10\%</math> <math>&lt; 40\%</math></b>            or  <b>TBSA: <math>\geq 10\%</math> <math>&lt; 25\%</math> with inhalation injury</b>            or  <b>TBSA: <math>\geq 5\%</math> <math>&lt; 40\%</math> if non-blanching</b></p>	<p>Site: Significant burn to special areas (hands, feet, face, perineum, genitalia)            Site: Any non-blanching circumferential burn            Other: Any predicted or actual need for HDU/ITU level care            Any burn with suspicion of non-accidental injury should be referred to a Burn Unit/Centre for expert assessment within 24 hours.            Any significant deterioration in physiology            Patients who are pregnant            All patients with a Major Trauma + Burn Injury (post treatment within Major Trauma Centre) when burn meets unit level thresholds            Any concerns regarding an inhalation injury with any size burn should be discussed with a Burn Centre            Patients with a skin loss disease (eg, TENS)</p>	<p><b>Salisbury District Hospital</b>  <b>SALISBURY</b>            Tel: 01722 345 507            Switch: 01722 336262            (Burns on-call) Bleep 1029</p> <p><b>Southmead Hospital</b>  <b>BRISTOL</b>            Tel: 0117 414 3100/3102            Switch: 0117 950 5050            (Burns on-call) Bleep 1311</p>
	CENTRE	<p><b>TBSA <math>\geq 40\%</math></b>            or  <b>TBSA: <math>\geq 25\%</math> +</b>  <b>AGE: <math>&gt; 65</math> yrs discuss</b></p>	<p>Other: All patients with a Major Trauma + Burn Injury (post treatment within Major Trauma Centre) when burn meets Centre level thresholds            Patients assessed as requiring end of life care should be discussed with a Consultant Burns Specialist at a Burn Centre            Patients with a skin loss disease (eg, TENS)</p>	<p><b>The Welsh Burns Centre</b>  <b>Morrison Hospital</b>  <b>SWANSEA</b>            Tel: 01792 703 802            Switch: 01792 702222            8:00-17:00: Burns Consultant of the day            17:00-08:00: Burns Consultant on call</p>

**Each service can accept burn referrals up to their designated threshold.  
 If in doubt – call your nearest burns service and they will be able to offer advice**

## Appendix 3

### Overview of Service Activity 2017-18

Total number of all new first referrals to the burns services categorised by burns severity (TBSA – Total Body Surface Area)

	Adults TBSA% Burn Injury <10%	Adults TBSA% ≥10% to <40%	Adults TBSA% ≥40%	SWUK ODN Total New ADULT Referrals 2017-18
SWUK - Swansea	597	15	8	<b>620</b>
SWUK - Southmead Hospital Bristol	1323	21	7	<b>1351</b>
SWUK - Salisbury Hospital	455	13	1	<b>469</b>
SWUK - Derriford Hospital, Plymouth	361	7	0	<b>368</b>
<b>TOTAL BY TBSA%</b>	<b>2736</b>	<b>56</b>	<b>16</b>	<b>2808</b>
	Children TBSA% Burn Injury <10%	Children TBSA% ≥10% to <30%	Children TBSA% ≥30%	SWUK ODN Total New PAEDS Referrals 2017-18
SWUK - Swansea	421	1	0	<b>422</b>
SWUK - Bristol Royal Hospital for Children	1112	7	0	<b>1119</b>
SWUK - Salisbury Hospital	292	0	0	<b>292</b>
SWUK - Derriford Hospital, Plymouth	200	0	0	<b>200</b>
<b>TOTAL BY TBSA%</b>	<b>2025</b>	<b>8</b>	<b>0</b>	<b>2033</b>

*Note:*

*This overview is intended to indicate the total number of new patients treated by each burn service and includes all adult and paediatric activities for inpatients and outpatients.*

*Activity data shown above as provided for the National Burns Mortality Audit meeting July 2018 for the period April 2017 to March 2018.*

## **Acknowledgements**

This ODN report has been prepared by members of the SWUK ODN Team. We are grateful to all clinical and management members of the five specialised burns services for making contributions to the content.

Thank you to North Bristol NHS Trust for hosting the SWUK ODN and to the organisations providing specialised burn services and being part of the ODN.

Further information about the SWUK ODN and our work is available on the our website:

[www.southwestUKburnnetwork.nhs.uk](http://www.southwestUKburnnetwork.nhs.uk)