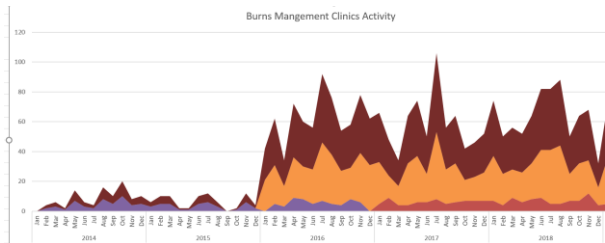


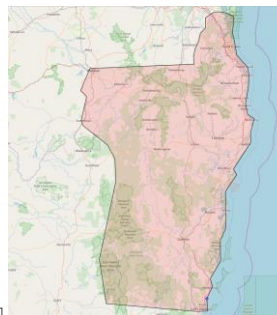
## Development of a Regional Paediatric Burns Service Gold Coast University Hospital, Queensland, Australia Dr L. Porrett, Dr M. Short & Dr J. Ah Toy - Department of Paediatric Surgery

Gold Coast University Hospital - 6<sup>th</sup> largest Paediatric unit in Australia.  
- Receive referrals from South East Queensland and Northern New South Wales

- Expanding Health Service – with an overall 6% increase per year in Emergency Department presentations and 36% per year increase in episodes of care for the paediatric population
- A major Quaternary centre and burns unit < 100km away

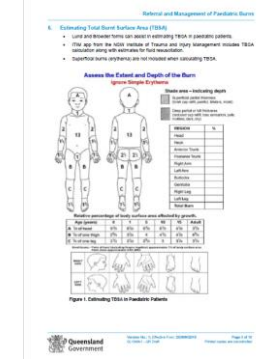
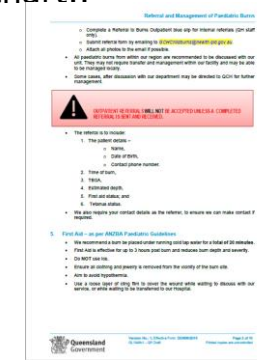
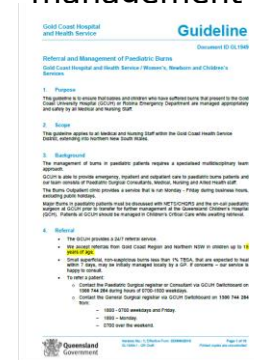


|   | 2015 | 2016 | 2017 | 2018 | 2019 (Jan-August) |
|---|------|------|------|------|-------------------|
| <b>Emergency Department Presentations</b> | 394  | 431  | 430  | 400  | 327               |
| <b>Paediatric Burn Management Clinic</b>  |      |      |      |      |                   |
| <b>Occasions of Service</b>               |      | 355  | 467  | 577  | 548               |
| <b>Patients</b>                           |      | 135  | 171  | 201  | 154               |



We initially identified a significant variation throughout our Health District in regards to burn management in Paediatric patients. We felt we could address this via a Quality Improvement project, with the collaboration of multidisciplinary teams and specialties, allowing us to continue to improve our standards of Paediatric burns care.

A specific Paediatric Guideline was subsequently developed and implemented, allowing for the standardisation of referrals and management of burns in our Health Service District. Medical, nursing and allied health staff educational sessions were implemented and the development and introduction of a management flow chart.



Presentations to our ED and clinic visits have increased, particularly as our referral process has changed. This Quality Improvement project has allowed for more local direction for initial burns management, with subsequent follow-up management onsite, at GCUH. There has also been an increase in trips to theatre with the expanding service reflecting our ability to manage increasingly complex patients in our facility, with a multi-disciplinary approach.

A clinical survey audit demonstrated increased confidence in management, following the educational sessions. We plan to further expand our service and are looking into Telehealth services as an option for care.