

QOMS

Quality Outcomes in Oral and Maxillofacial Surgery

NEWSLETTER

UPDATES FROM THE BAOMS QOMS PROJECT
SINCE OCTOBER 2022



2023 has flown by so quickly and we cannot believe it is already December 2023. Apologies for not sending more regular updates this year. We will try to do better next year!

Participation to QOMS is open to every OMFS department in the country, regardless of size and you don't have to contribute to all the registries.

QOMS PROGRESS



Twenty-three hospitals across England, Wales and Scotland have contributed to the various registries in QOMS. Over the past year, we have welcomed the OMFS teams at East Sussex Healthcare NHS Trust, NHS Tayside, North Cumbria Integrated Care NHS Foundation Trust, Northampton General Hospital NHS Trust, University Hospital of Derby and Burton NHS Foundation Trust,

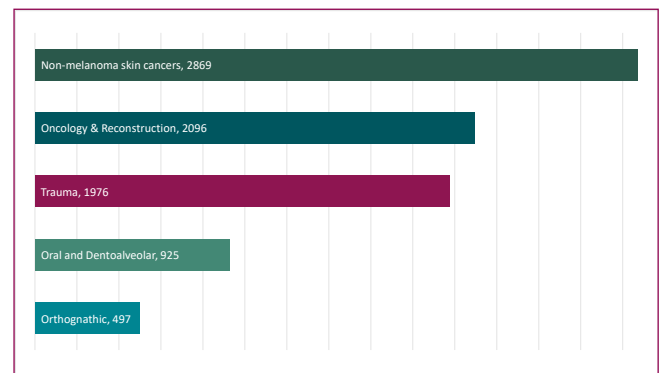


and York and Scarborough Teaching Hospitals NHS Foundation Trust. We also welcome the orthodontic team at Buckinghamshire Healthcare NHS Trust who are piloting the BAOMS BOS Orthognathic PROM in their Trust.

Data collection is going well, and we have now just over 8000 episodes of patient care in REDCap across our 6 core

audits. This would not be possible without all the data coordinators and surgeons participating to the project.

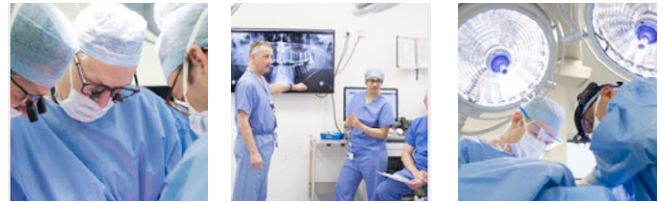
Thank you all.



All the audits have their own live dashboards for users to use. Remember they are customisable and we can produce specific one(s) for you. For example, have a look at the [Morbidity and Mortality 2022 vs 2023](#). Dashboards are works in progress and any suggestions to improve their content are welcome. We have also developed a Cumulative Sum (CuSUM) chart module for flap outcomes with a research software engineer from Queen Mary University of London. The module calculates and plots flap outcomes and associated risks in a CuSUM chart which allows participating hospitals to check their performance.

The BAOMS QOMS annual update was presented to the membership during the BAOMS AGM. This was well received by the Council and attendees. The QOMS executive team presented free papers at this year's BAOMS Annual Scientific Meeting:

- Michael Ho, "Time to surgery to adjuvant treatment in the management of oral cancer – national findings from the BAOMS QOMS initiative"
- David Tighe, "Risk-adjusted Cumulative Sum chart methodology to monitor free flap failure rates in the QOMS national audit"



- Fabien Puglia, “Project management and efficacy of data collection within various OMFS units – the QOMS experience to date.”

Find out more about QOMS in our newly revamped [webpages](#).

QOMS INAUGURAL REPORT

Earlier this year we released the first QOMS report covering the 2021-2022 data collection period (an updated version of the [report](#) along with a [technical appendix](#) were published online in October 2023). Each OMFS subspecialty included in QOMS was represented in the report with an additional section on TMJ surgery, written by Nadeem Saeed, Ghaly Ghaly, and Barbara Gerber.

The report included preliminary comparative data for several outcomes in the Oncology & Reconstruction registry: complications, length of stay, tumour resection margins and flap survival outcomes, and margin status for the Non-Melanoma Skin Cancer registry. These are all based on published models developed by David Tighe, our Deputy Clinical Lead. David presented his work at an online webinar for the Head and Neck Academic Centre at University College London Hospital. [The webinar is available on the HNAC website.](#)

In an accompanying [editorial](#) in the British Journal of Oral and Maxillofacial Surgery, the QOMS team reflected on the project. While acknowledging the challenges faced by QOMS, being a relatively new initiative and the development of the National Consultant Information Programme (NCIP), QOMS has made steady progress and demonstrated that a large scale multi-centred quality improvement programme in OMFS is feasible. Our findings provide ample opportunities for colleagues to engage with their local departments and multidisciplinary teams and start discussions on how to improve our services.

NEW CONTENT IN QOMS

QOMS has constantly been evolving and growing. Following the release of the QOMS report, we have revised and updated the content of the Trauma, NMSC and Oral and Dentoalveolar registries, with the support from the SSIG leads and deputy leads, to improve content and user interface. The Trauma registry has been split up into 2 smaller registries, one for mandible fractures and the other for isolated orbital wall fractures. The current iteration

of the NMSC registry includes new outcomes such as the start of radiotherapy for cutaneous SCC. Finally, one of the dentoalveolar registries was completed redesigned to assess the timeliness of the patient’s care pathway.

We have developed several new registries. The Salivary Gland Cancers registry was launched in September 2023, following a Flexfacts session delivered by Michael Ho, if you have missed it, you can still watch it [here](#).

The Rare Benign Lesions of the Jaws registry is due to be launched in December 2023. This will be accompanied by an online webinar on December 14th, 2023 at 7pm, open to everyone (see below for details). The initiative from the QOMS team was evident when Michael Ho represented the project in the ‘Remembering Rare Disease’ event, hosted by the Head and Neck Cancer Foundation at the House of Lords on the 28th of November 2023. BAOMS President, Miss Daljit Dhariwal was also in attendance by invitation to lend support to this event.

UK SALIVARY GLAND CANCERS REGISTRY

QOMS
Quality Outcomes in Oral and Maxillofacial Surgery

- Management of rare benign lesions of the jaws
- Launch of a new national registry

Speakers: Professor Mark McGlark
Mr Vipul Patel
Mr Michael Ho
Professor Keith Hunter and
Dr Fabien Puglia

Webinar: Thursday, 14th December 2023 at 8pm
<https://attendee.gotowebinar.com/register/52706193743>
74215513

HOUSE OF LORDS
REMEMBERING RARE DISEASE

We are highlighting the status of rare diseases that have been forgotten, overlooked and have remained in the shadows of treatment, often resulting in an aggressive surgical approach when more conservative alternatives are possible.

Thank you for agreeing to attend this important event, shedding a light on how we might collectively improve the outcomes for those with a rare disease.

HNCf

The BAOMS BOS Orthognathic PROM is a collaboration with the British Orthodontic Society (BOS). The registry is currently being piloted across two sites in the UK before a national roll out. Work is in progress for two new projects we hope to add to the QOMS Oncology & Reconstruction registry as external modules. One relates to patient-specific implants for mandibular reconstruction while the “Restorative dentistry / Oral rehabilitation for oncology patients” will try to assess the added value of this pathway in the quality of treatment provided.

QOMS has also been trying to expand to capture softer outcomes. The BAOMS BOS Orthognathic PROM is a clear example of this move and the Salivary Gland Cancers registry and Restorative dentistry module both include a quality of life questionnaire to capture important patient reported outcomes.



THE QOMS EXPERIENCE AT KING'S COLLEGE HOSPITAL – ENGAGING THE NEXT GENERATION OF OMFS TRAINEES

By Alexander Rae & Oliver Jacob



FROM LEFT TO RIGHT: JOANNA ISMAIL, JULIAN AHLUWALIA, WAN HEI CHAN, IONA TURNER, OLIVER JACOB, ALEXANDER RAE AND PROF KATHY FAN

Our involvement with QOMS started whilst working as Junior Clinical Fellows at King's College Hospital. Professor Kathy Fan initially invited us to engage in collecting data for facial trauma. Fabien the BAOMS QOMS co-ordinator helped us with this process, familiarising us with the REDCap database and exploring the profile of trauma seen by our unit.

We then joined a team of DCTs and clinical fellows to collect the orthognathic data. Collecting the orthognathic data required multiple stages and collaboration between surgeons and orthodontists. As a team, we worked to streamline the data

collection process over a series of "QOMS evenings". Then we collaborated with our local orthodontic colleagues to generate valuable data which can inform patient care nationally. Working with the data also gave us ideas for exciting projects within our unit.

We've thoroughly enjoyed the opportunity to be involved with QOMS and the national bench marking projects. We are excited that BAOMS have plans to develop the QOMS metrics and bring more units into the project, as we've seen first-hand how valuable it can be to our team and our patients.



BAOMS QOMS TEAM

Clinical Lead: Michael Ho

Deputy Clinical Lead: David Tighe

Information Governance Lead: Jeremy McMahon

Trainee Representative: Harmony Ubhi

Oncology-Reconstruction and Skin Lead: Panayiotis Kyzas

Orthognathic surgery Leads / Deputy Lead: Ashraf Ayoub, Moorthy Halsnad and Christine Lwin / Alexander Hills

Trauma and ODA surgery Lead: Geoff Chiu

TMJ: Ghaly Ghaly, Athanasios Kalantzis, David Keith and Sherif Bayoumi

Saving Faces: Iain Hutchison

NCEPOD: Marisa Mason

Project Manager: Fabien Puglia baomsprojectmanager@baoms.org.uk

For more information, visit the QOMS section of the BAOMS website (QR code).

Follow us also on Twitter (@BAOMS_QOMS) for updates.

We will also utilise the discussion forum and emails to announce further details.



Merry Christmas and Happy Holidays from the whole QOMS Team