



Quality Outcomes in Oral and Maxillofacial Surgery

NEWSLETTER



QOMS Webinars

Following our Newsletter last October, we organised our first webinar to present QOMS to the BAOMS/OMFS community. Michael Ho (BAOMS QOMS Clinical Lead) and Fabien Puglia (BAOMS QOMS Project manager) presented what QOMS entailed and what had been achieved so far. The different audit leads (Geoff Chiu, Ashraf Ayoub and Panayiotis Kyzas) introduced the new versions of the different QOMS audit questionnaires. Finally, Jeremy McMahon, who led QOMS until July 2020, presented data from Glasgow, based on the QOMS Oncology and Reconstruction framework. Jeremy demonstrated what QOMS could add to participating units in terms of performance assessment and potential for quality improvement.

The full video of the webinar is available at <https://bit.ly/3kLkYQo>, and a shorter version including only Jeremy's talk is available on the BAOMS website. A similar webinar took place in January 2021 (<https://bit.ly/39r9pKz>). Overall, more than 40 people attended the webinars and we received positive feedback.

QOMS 2.0

Shortly after the first webinar, the application process for funding for QOMS's second phase opened. Data collection for this new phase is expected to launch in April/May 2021, depending on the progress of local set-up. Participation is open to every OMFS unit and surgeon in the UK. BAOMS is funding 10 units for 3 years to appoint a dedicated part-time data coordinator to effectively support high-quality and comprehensive data collection for QOMS.

After two rounds of applications (December 15th, 2020 and January 22nd, 2021), we had received 19 applications from UK OMFS units. The selection was based on the applicant's track record in engagement with quality improvement, national audit, academic output and required units to demonstrate commitment

and engagement from all local OMF surgeons and the hospitals' medical directors. Each application was discussed and considered, and the process was competitive as the quality of applications was very high. This augurs well for the general status of OMFS units across the UK. The 10 units who were allocated BAOMS funding support are:

- Betsi Cadwaladr University Health Board
- East Kent Hospitals University NHS Foundation Trust
- East Lancashire Hospitals NHS Trust
- King's College Hospital NHS Foundation Trust
- Leeds Teaching Hospitals NHS Trust
- Liverpool University Hospitals NHS Foundation Trust
- London North West University Healthcare NHS Trust
- South Tyneside and Sunderland NHS Foundation Trust
- Swansea Bay University Health Board
- University Hospitals Birmingham NHS Foundation Trust

Data collection for QOMS 2.0

In preparation for the 2nd phase, the QOMS questionnaires have been refined by the newly formed audit groups. The oncology and reconstruction questionnaire has undergone the most changes as we aligned some of its questions to HANA and the recent work by Reza Nouraei with the National Consultant Information Project (NCIP - previously known as National Clinical Improvement Project). We have included risk calculators for surgical complications, length of stay and resection margins, which will be incorporated to the questionnaires, this has been led by David Tighe to enable contextual data interpretation. The orthognathic questionnaire has been completely redesigned based on feedback after the initial pilot. We are working in collaboration with the British Orthodontist Society to update the Patient-Reported Outcome Measure (PROM) questionnaires.



Everyone is welcome to have a look at and try them, you will need a REDCap account with our provider. If you are curious or interested to explore the BAOMS QOMS audit questionnaires, please contact Fabien (baomsprojectmanager@baoms.org.uk). Thoughts and suggestions are always welcome!

We now have been granted full s251 support from the Confidentiality Advisory Group of the Health Research Authority (CAG, HRA) to collect data without the need for individual prospective patient consent, in England and Wales. A similar process exists in Scotland (Public Benefit and Privacy Panel for Health and Social Care) and an application is under preparation. We will keep you updated. In Northern Ireland and the Republic of Ireland where a similar process does not exist, we have built in options in the revised questionnaires to allow for the collection of anonymised data. We are also working on solutions (printable clinical report forms and Excel spreadsheets) to facilitate local data collection and upload.

Patient and public involvement

Thanks to continuous support of Saving Faces, Jeremy McMahon, Tracy Peterson and colleagues in Glasgow, we have recruited Patient and Public Involvement representatives (PPI) for QOMS. We successfully held a couple of meetings in December 2020 and January 2021 where we discussed how patients perceived the collection of patient identifiable information without consent and how to improve the QOMS public-facing documents. We will continue to work with them in developing communication material to patients and public (e.g., creation of patient facing website and/or webpage) and integrate patients' perspectives further into the project in terms of data collection, outcomes and dissemination.

COVID OMFTrauma Service Evaluation 2021

Following the announcement of a 3rd National Lockdown in January 2021, we have decided to re-run the BAOMS COVID Service Evaluations we ran last year. We have started with the OMFS Trauma, which has been revised and revamped. This time around, although we are still interested in looking into the impact

of lockdown on OMFS practice, we are also keen to see if lessons from the 1st lockdown have been learnt. If you are interested in taking part contact Fabien Puglia (baomsprojectmanager@baoms.org.uk).

Publications

We are preparing a substantial update of the QOMS webpage on the BAOMS website and the QOMS team have had two recent publications accepted by BJOMS:

- 1 Ho MWS, Puglia F, Tighe D et al. BAOMS QOMS (Quality and Outcomes in Oral and Maxillofacial Surgery): a specialty-wide quality improvement initiative, progress since conception. British Journal of Oral and Maxillofacial Surgery 2021 DOI: <https://doi.org/10.1016/j.bjoms.2020.12.023> (accepted)
- 2 Ho MWS, Puglia F, Tighe D et al. BAOMS QOMS: findings from the pilot phase and lessons learned in the feasibility evaluation of a national quality improvement initiative. British Journal of Oral and Maxillofacial Surgery 2021 DOI: <https://doi.org/10.1016/j.bjoms.2021.02.015> (accepted)

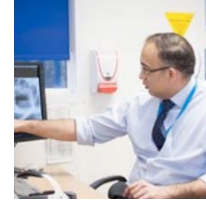
We are working to have the former accompanied by a video, similar to the MaxFaxBites series of short pre-recorded webinars.

The working group for the BAOMS COVID Projects, completed after the first lockdown, have published two papers in BJOMS:

- 1 Puglia FA, Hills A, Dawoud B, et al. Management of oral and maxillofacial trauma during the first wave of the COVID-19 pandemic in the United Kingdom. British Journal of Oral and Maxillofacial Surgery 2021;:S0266435621000140. doi: [10.1016/j.bjoms.2020.12.021](https://doi.org/10.1016/j.bjoms.2020.12.021)
- 2 Puglia FA, Ubhi H, Dawoud B, et al. The management of odontogenic cervicofacial infections presenting to Oral and Maxillofacial Units during the first wave of the COVID-19 pandemic in the United Kingdom. British Journal of Oral and Maxillofacial Surgery 2021;:S0266435621000012. doi: [10.1016/j.bjoms.2020.12.017](https://doi.org/10.1016/j.bjoms.2020.12.017)

For more information, visit the [QOMS section of the BAOMS website](#) and follow us on Twitter (@BAOMS_QOMS) and Facebook (BAOMS_QOMS) for updates.

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



BAOMS QOMS Team

Clinical Lead: Michael Ho

Deputy Clinical Lead: David Tighe

Information Governance Lead: Jeremy McMahon

Project Manager: Fabien Puglia

Trainee Representative: Harmony Ubhi

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Orthognathic Deputy Lead: Alexander Hills

Trauma and ODA Lead: Geoff Chiu

Trauma and ODA Deputy Lead: Basim Dawoud

Saving Faces: Iain Hutchison, Fran Ridout and Sharon Cheung

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