

Oral Surgery Club of Great Britain
University of Maryland - Baltimore
May 3-4 2012

A party of 17 with 14 partners, travelled to the University of Maryland Baltimore, USA on the 3rd May 2012 for the Spring meeting of the club at the Department of Oral & Maxillofacial Surgery under the auspices of Professor Bob Ord.

Many members combined the trip to Baltimore with holidays in the USA and members stayed in a variety of hotels, most of them around the harbour in Downtown Baltimore.

The meeting was held in the SMC Campus Centre in West Lombard Street just across the road from the Shock Trauma Centre.

The meeting started with a continental breakfast on both mornings.

Bob Ord welcomed all to Baltimore and explained that the University of Baltimore was the oldest Dental School in the world. He was delighted to meet many old acquaintances from the United Kingdom and old colleagues. He explained that the faculty at the University of Maryland had ten full time surgeons. Our President David Adlam thanked Bob Ord for his kind invitation and looked forward to the meeting over the next two days.

Bob Ord started the meeting with a talk on 'Mandibular Reconstruction A Walk Down Memory Lane'. He looked at his own practice and on average did twenty nine mandibular reconstructions per year in Baltimore. He compared the quality of life in mandibular reconstruction in the 1980's, compared to modern techniques utilised in the twenty first century. He showed the use of stereolithic models in planning of mandibular resections. He showed current practice of using computer generated models from a CT scan and the use of a surgical jig in order to plan the bone cuts. The fibula free flap remained the work course in mandibular reconstruction.

The next speaker was George Obeid who worked in the Washington Hospital Centre in Washington DC. He had previously worked at East Grinstead some years ago. His talk was entitled 'Reliability of Lateral Facial Analysis for the Orthognathic Patient: A Historic Prospective'. George presented the data and research about facial analysis from Downs through Steiner and Delaire through to more modern analysis such as the Andrew's technique.

The next speaker was Dr Jaime Brahim. His talk was entitled 'Bisphosphonate Induced Osteonecrosis: Evaluation of a Disease. He explained that the first instance of osteonecrosis of the jaw was probably phosey jaw, which was found in 19th century match factory workers due to exposure of white phosphorus. He then introduced the history of BRONJ with the first reported case in 2001 in the oral surgery literature. His presentation was comprehensive detailing the knowledge we have at the present time about the aetiology and the

management of this troublesome disease. He recommended the guidelines on the management of BRONJ on the American Oral & Maxillofacial Surgery Website.

Finally the last presentation of the morning was from our own Barrie Evans who gave a talk on approaches to the infratemporal fossa with his usual thoroughness and humour.

After lunch there were several short presentations from residents both from the University of Baltimore but also from Washington Medical Centre.

Firstly Dr Donita Dyalram presented 32 cases of ameloblastoma of the maxilla.

Donita was followed by Dr Mohammed Qaisi. He is the microvascular fellow at the University of Maryland and gave a presentation on multiple primary squamous cell carcinoma in the oral cavity. He found twenty cases out of 1329 (1.5%) at the University of Maryland. The most common site was on the gingiva followed by the tongue.

The next presentation was from Dr Kenneth Wu who is a resident at the Washington Hospital Centre who gave a talk on the correction of facial asymmetry in Goldenhar syndrome.

Next up was Dr Ravi Agarwal who is Chief Resident at Washington Hospital Centre he gave a presentation about facial asymmetry.

Next was Dr Hussain Amubarak who gave a presentation about miRNAs in oral cancer. His talk centred on the possible advantages of these molecular markers as a useful diagnostic tool in the future.

After coffee Dr Anul Selvaraj and Dr Touraj Khalilzadeh gave a presentation on head and neck infections. They were both residents at the University of Maryland. They presented data on necrotising fasciitis.

The day finished with a presentation from Dr Ketan Patel who discussed a series of gunshot wounds to the head and neck region in Baltimore. He presented a series of 196 gunshot wounds to the head and neck from a total of 3600 diagnosed facial trauma cases at the Shock Trauma Centre at the University of Maryland. 88% of the patients were male and 70% of the patients were African American with an average age of 30 years. He discussed the management both in the acute and the reconstructive phase.

The final presentation of day one was from Dr Hesan Siavash who is a Chief Resident at the University of Maryland. His talk was about temporomandibular joint replacement.

The evening was spent over an informal meal at a large fish restaurant called the Rusty Scupper, which sat on the inner harbour in Downtown Baltimore. The evening was very successful, enjoyable and we were able to entertain many of the faculty including Professor Bob Ord from the University of Maryland.

Day two began with a continental breakfast before the first talk, which was given by Dr Bruce Horswell. He was Chief of Oral and Maxillofacial Surgery in Charleston, West Virginia. Bruce had worked both in Melbourne and in Liverpool. His practice in Charleston was 60-70% in paediatrics and his talk was entitled 'Paediatric Dermatological Lesions'. He gave a comprehensive review of skin problems in the head and neck in the young including vascular malformations.

The next talk was by Dr Radhik Chigurupati. Radhik was on the faculty at the University of Maryland having recently moved from California where she used to work with Tony Pogrel. She gave a talk on the global burden of disease. Her talk was a comprehensive review of health and disease burden. For example 23% of all cancers in India are within the oral cavity. She also talked about road injuries and areas for research particularly in telemedicine.

The next talk was given by Dr John Caccamese. He was the Oral and Maxillofacial Surgeon on the faculty at the University of Maryland who undertook cleft lip and palate, both primary and secondary surgery. His talk was entitled 'Secondary Surgery for velopharyngeal Dysfunction'. He explained that palate re-repair is a viable and preferable option for those with small gaps in the velopharynx. He explained that tailored pharyngeal flaps and sphincter pharyngoplasty seem to be equally efficacious.

Following coffee break Dr Joshua Lubek who is the microvascular surgeon on the team at the University of Maryland gave a fascinating talk on transoral robotic surgery (TORS). He had learnt the technique at the University of Portland and explained the potential advantages and disadvantages of such surgery.

The final presentation of the morning was from Dr Rania Habib who was a third year resident just completing her medical training. Her presentation was about the Shock Trauma Centre at the University of Maryland. The Oral and Maxillofacial Surgery Team took face call on every Thursday and every other weekend. At other times the facial trauma, was covered by plastics or ENT. She explained that the trauma resuscitation unit had a twelve bed capacity, with 124 beds within the Shock Trauma Centre and six operating rooms. Eleven medical evacuation helicopters brought patients into the roof of the Shock Trauma Centre. Nearly 9000 patients were seen and treated in 2011.

We all then moved across the road to the University of Baltimore Dental School Museum within the site of the original Dental School in Baltimore. After a buffet lunch with our partners, we had the opportunity to have a tour of the University of Baltimore Dental Museum, which was of great interest.

In the afternoon the visiting members were split into two groups.

One group were able to observe a demonstration of the Da Vinci robotic machine in their simulation centre. We were able to move coins and elastic bands in order to appreciate the feeling and practice when using the robot.

The second simulation was a trauma simulation in their simulation centre. This was a very sophisticated simulation using a resus dummy but with a pig's trachea. Four of our members were invited to take part. Barrie Evans, Steve

Langton, David Koppel and Ian Martin all had the opportunity to participate in the simulation. This proved to be both simulating and highly entertaining. The simulation was undertaking a tracheostomy in an ITU patient. Unknown to our members and also unknown to the anaesthetic team from the University of Maryland an airway fire was simulated. This proved to be both interesting and entertaining especially when the anaesthetist started using a fire extinguisher thinking that the operating table was on fire and not the patient!

On the evening of the 4th May 2012 the Oral Surgery Club of Great Britain held a dinner in the Four Seasons Hotel to thank and entertain our hosts. This was a successful event with good food, wine and company. We were also fortunate (well the rockers amongst us) to be able to listen to Lynyrd Skynyrd perform approximately 200 yards away in the open air. Their most famous song 'Sweet Home Alabama' was missed however when the president closed the dining room doors for the speeches !!

At the conclusion of the meeting many members stayed in the United States and toured the North East area.

We in the Club and particularly those attending, owe David Adlam a great deal of thanks for arranging both this meeting in Baltimore and also the excellent meeting he held in Cambridge.