

Oral Surgery Club of Great Britain

Madrid meeting

5-6th May 2016

The Spring Meeting of the OSCGB, held under the presidency of Tim Mellor, was kindly hosted by Professor Acero at the Hospital Universitario Ramon y Cajal in Madrid.

Members gathered at the NH Nacional Hotel, and at another similarly named hotel two hundred yards away.

Thursday 5th May 2016

On the first day, Professor Acero's team performed several operations, including parotid surgery and orthognathic surgery. These were broadcast live to a lecture theatre with a facility for Members to discuss the cases with the surgeons. Some Members took the opportunity to join the surgeons in the operating theatre.

Following lunch at the hospital Members were able to explore the central area of Madrid, including the Museo Prado, during the afternoon.

In the evening, members enjoyed a convivial Spanish regional meal at the Palacio de Cibeles restaurant in central Madrid.

Friday 6th May 2016

On the second day, there was a Symposium of lectures given by both Club Members and staff from Professor Acero's Department.

The opening lecture by Laurence Oldham on 'what the English can learn from Francisco de Goya' was assembled from sections of a much larger presentation. Uniquely, the assembly occurred before our very eyes. 'Go to Slide 27' was just one of the directions that guided us through this tour de force.

This was followed by an informative and amusing presentation on 'Maxillofacial Pathology in Spanish Painting' by our host Professor Acero. His talk also drew heavily on the works of Francisco de Goya with depictions of facial asymmetries, the Hapsburg jaw, Treacher Collins syndrome, tumours and cranial synostoses.

Ken Sneddon kept us awake with a comprehensive overview of the traditional 'management of sleep apnea'. This is an evolving area where the understanding of the health implications of sleep apnea and the increasing role for the orthognathic surgeon is currently being advanced in the UK.

On behalf of the Madrid team, Dr Villegas outlined 'sleep apnea syndrome, our treatment protocol'. This ranged from CPAP to Mandibular advancement devices to bimaxillary advancement. Three cases were used as illustration with improvement in the Apnea Hypopnea Index being the goal. Young patients and maxillary advancement were the best predictors of success.

Drawing on his leadership role in South East London, Rob Bentley discussed 'the organization of Trauma Services in the UK into Regional level 1 trauma centres and the outcome'. His well structured talk covered all aspects from roadside to rehabilitation with the focus on improving outcomes. The service developed in his area is being rolled out for the rest of London and could serve as a model for the rest of the UK.

Dr Sanchez-Jauregui outlined the Madrid protocol for condylar trauma including the 'surgical treatment of condylar fractures'. This covered closed treatment and the implications for muscle, skeletal and dental adaptations. The role of surgery was explored, particularly for angulated, overlapping and bilateral fractures, with discussion of surgical approaches and planning.

After coffee, Sat Parmar gave a fascinating account of 'ballistic maxillofacial injuries' arising out of his experience in treating military personnel from the Iraq and Afghanistan conflicts. This covered both soft tissue and bony management with the emphasis on maintaining vascularity to assist healing. The utility of traditional techniques such as IMF and external fixation to avoid devitalizing traumatised bone was discussed. The role of free flaps for extensive tissue loss and rehabilitation using implants was outlined.

Next, Dr Leyva illustrated the 'management of orbital tumours' in Madrid with several cases. These ranged from small and anterior tumours to larger and posterior tumours with an emphasis on preserving the optic nerve where possible.

'TMJ reconstruction, general guidelines' was discussed by Dr Eslava. This covered causes such as congenital and trauma and effects such as ankylosis and disordered growth. Surgical options included costo-chondral grafts, bimaxillary osteotomies and free flap reconstruction, particularly if soft tissue was required.

Moving on to oncology and reconstruction, Dr Picon gave an informative review of 'neck management in oral cavity tumours'. The evolution and various types of neck dissection were outlined. The role of the neck dissection when surgery is the primary modality was discussed ranging from the elective selective neck dissection to the therapeutic comprehensive neck dissection. The role of adjuvant oncological treatment when indicated was stressed.

This was followed by an informative overview of '3D reconstruction of the maxilla and mandible in the UK' by Sat Parmar. The general principles and range of flaps available were outlined. The increasing use of 3D planning with cutting guides, pre-bent plates, flap shaping prior to harvest and implant guides for both maxilla and mandible were promoted and illustrated.

Our host, Professor Acero, took up this theme with his presentation on 'virtual 3D planning in maxillofacial bone reconstruction'. Computer Aided Design, especially with mirror imaging, and Computer Aided Manufacture of appropriate models, plates and guides, together with prefabricated flaps and navigational surgery were coming together to enhance reconstruction. His thesis was elegantly illustrated with a range of cases.

The final presentation by Dr Almeida focused on 'achieving excellence in head and neck reconstruction'. This was reminiscent of the efforts of the British Cycling Team to achieve marginal gains in every step of the process in order to enhance the overall result. Topics covered included soft tissue reconstruction with grafts and flaps, incision

placement, CAD-CAM technologies and intra-oral techniques for resection and reconstruction including anastomoses.

Following this interesting series of presentations, many Club Members returned to Madrid City Centre in order to explore the varies tapas offerings to sate their appetites.

In the evening, Members and accompanying partners, together with Professor Acero and his team, met at The Ritz Hotel for the Club Dinner to round off an excellent meeting.

Jonathan Hayter

Honorary Secretary