



# DMDI NEWS

dental & medical diagnostic imaging

*A Centre of Excellence*



Newsletter 14

December 2010

Over summer we are more active with social and sporting events across the season. As we all know, sometimes these activities can lead to dental/facial trauma. At DMDI we offer a one volume, one dose solution to your trauma imaging needs.

The high resolution imaging acquired using CBCT scanning will assist in the management of your patient in these circumstances. Our software provides more than just cross sectional images. This newsletter will highlight the “other” type of images we can produce as well.



**Fig 1. surface rendering highlighting the zygomatic arches**



**Fig 2. software generated PA view of the upper and lower jaws**

With the **patient seated** rather than laying down the procedure is far more comfortable, the time to scan is low.

The representation of trauma eg infra-orbital fractures is represented in it's truest form thusly and the “teardrop” sign is more clearly seen.

On top of this, information can be **zoom reconstructed** to highlight the fine detail of the dentition surrounding and affected by the trauma site.

If it's a case of a fractured mandible, any dental and nerve canal involvement can be easily and quickly assessed thereby leading the patient to a better management plan and outcome.

Our radiographer, Susan, is well experienced in the world of facial trauma, having worked in 3 tertiary level hospitals during her career. Along with a special interest in dental imaging she is keen to assist with clinical trauma needs.

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**Fig 3. software generated panorama of the AOI**



**Fig 4. software generated true mandibular occlusal view—to show any buccal/labial displacement of fractures**



**Fig 5. software generated lateral with cut away of contra-lateral side**

The other advantages of using our system is quick turn around in imaging of your patient. We are more than happy to burn a disc to return with the patient on the day. We can also send the imaging information to another referrer of your choice.

So contact Pamela and Susan to discuss your imaging needs and we'll custom fit them for a positive outcome for all.

It's also "that" time again. DMDI will be shutting its doors for the Christmas/New Year period at **12.30pm on Friday 24th December 2010** and reopening on **Monday 10th January 2011 at 8.30am**



We would like to thank everyone for their patronage of our services and look forward to sharing with you our continual pursuit of diagnostic imaging excellence in 2011.

### **PD Sessions for 2011**

To date, Professional Development sessions in 2011 are confirmed with—

- Dr Alex Yusupov - Orthodontist— "Diagnostic imaging—Hitchhiker's guide to the 3rd dimension." This session will be held on 06 April 2011;
- Dr Les Janovic - Dentist with a special interest in snoring, sleep apnoea & TMJ disorders— "The use of OPG and Lateral Ceph in the diagnosis and treatment of sleep apnoea." This session will be held on 04 May 2011; and
- Dr David Figdor - Endodontist— "The use of CBCT in Endodontics - diagnosis and treatment." This session will be held on 03 August 2011.

Further PD sessions are yet to be confirmed; and details will be printed in the 2011 Newsletters.