

A comparison of Dental Cone-Beam CT with Conventional CT

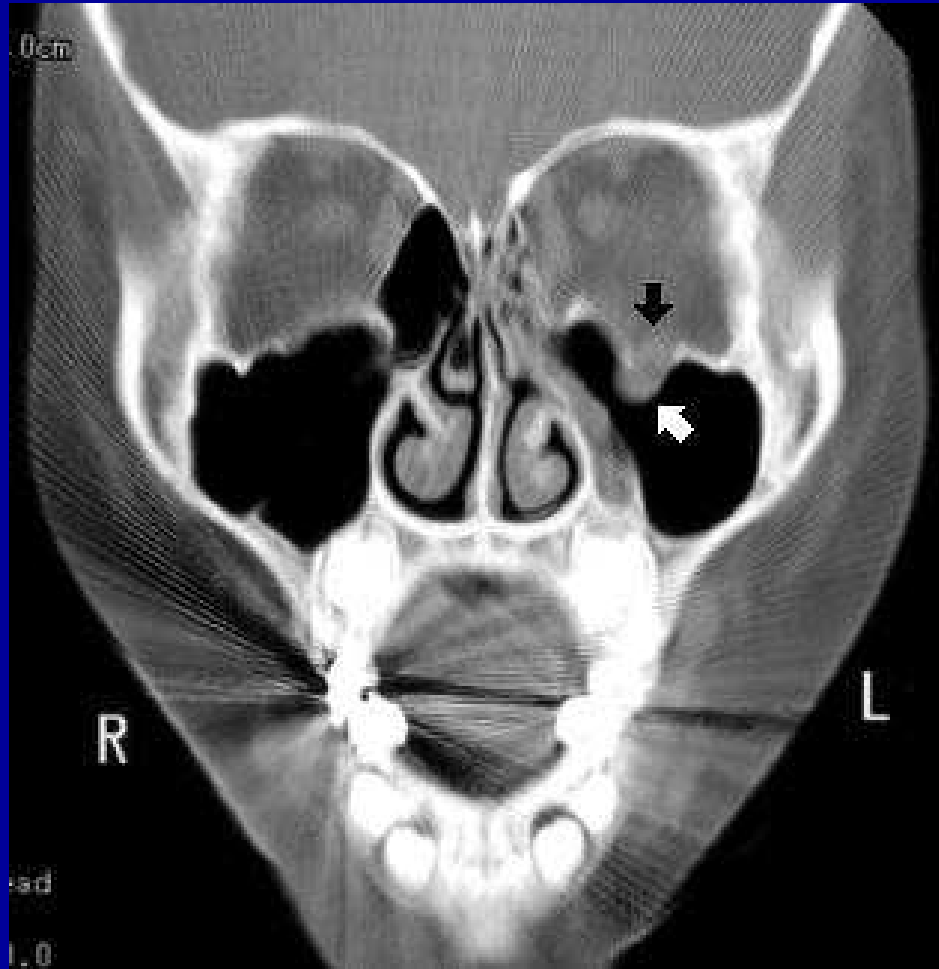
Presentation by Karen Fuller

Project by Jessica Brisco

And Dr David Andrew

Sheffield Teaching Hospitals 

NHS Foundation Trust



2-3 days post
facial trauma,
imaging for
fractures in base
of orbits

Sheffield Teaching Hospitals



NHS Foundation Trust

	Conventional CT	Cone Beam CT
Dosimetry	CTDI/DLP » Eff. Dose	DAP » ? Eff. Dose
Voxel size	Slice Width 0.625 mm	Pixel size 0.09 – 0.4 mm
Contrast	Relatively good for wide range of tissues/structures	? Compromised for low contrast
Scan time	Few seconds	10-30 secs
Positioning	Patient's head and gantry can be tilted	?

Your comments and suggestions would be welcome!

