



Prof. Ahmed El-Serafi, MD ---- Egyptian Nationality

Graduated from Ain Shams University in 1982 and joined the Radiology Department there to work till 1994 receiving Radiology Master of Science Degree (MScR) in 1986 and Radiology Doctorate Degree (PhD) in 1990

Post-graduate training included extended periods of time spent in the mid 1980s at the Radiology Departments of Cardiff University Hospital and Neville Hall Hospital, both in Wales, UK

In 1994 accepted post of Lecturer of Radiology at Suez Canal University and was promoted to Associate Professor in 1999 and full Professor in 2004

Member of the Egyptian Radiological Society since 1987 and the Radiological Society of North America (RSNA) since 1994

Has varied interests within the field of Radiology, with Computed Tomography, Ultrasonography and Imaging Informatics topping of the list of interests – Numerous published articles, thesis supervisions and thesis reviews reflect these interests

Currently Dr El-Serafi, holds the posts of Professor of Radiology at Suez Canal University, Chairman of Serafi Scan (Cairo and Port Said - Egypt), Managing Director of Port Said Radiology Center (Port Said – Egypt) and CEO of International Radiology Center (Sharjah – UAE)

Cone Beam Computed Tomography (CBCT): An Overview

Introduced in 1999, Cone Beam Computer Tomography (CBCT) is a relatively new imaging technology developed for dental purposes that provides 3-D volume image data of the dental and craniofacial complex allowing multiplanar viewing of the anatomical volume and overcoming limitations imposed by traditional 2-D radiography.

CBCT has revolutionized oral and maxillofacial radiology impacting upon diagnosis, treatment planning and direct delivery of patient dental care, in fact, no imaging modality in dentistry has made as great an

impact on dental procedures in as short a time. The intent of this presentation is to provide an overview of dental CBCT technology and its clinical applications