THE VISCOELASTIC NATURE OF BONE AND ITS REFLECTION IN IMPLANTOLOGY

Course Objectives:

• Bone biophysics of viscoelasticity.
• Computer and classical modelling of implant vibration and resonant frequencies as a reflection of bone density variation during osseointegration
• Our clinical research of impulse mediated dynamic characteristics of implants during healing and their correspondence to theory
• Ideas on time of implant placement and the accepted physiology of bone remodelling and correlation of these ideas to our experimental results.
• Review of the various Implant Stability Measuring Systems with particular emphasis on the Osstell® Mentor.

It is well accepted in the literature that following the bone growth post implantation is best done by measuring the implant’s resonant frequency. This provides a quantitative record of bone density rise with osseointegration and gives the clinician a guide for when it is safe to load the implant. A commercially available instrument to do these measurements is the Osstell® Mentor.

THURSDAY MAY 7th, 6:00 – 9:00 pm (Dinner will be served at 6:00 p.m. course will commence at 6:30)
TUITION: $99.00
LOCATION: Sudbury Regional Cancer Center, 4th floor Board Room
Parking available on the roof top across the street from the Travelway Hotel.

DR. ROBERT ULRICHSEN DDS, BSc, MSc


Local Community Involvement: Sudbury Dental Society emergency services coordinator; Sudbury Regional Hospital dental services coordinator and past chief of dental services; Provider and coordinator of dental services of Sudbury Regional Hospital complex continuing care.

Sponsored by:

For registration or for any questions please contact Dr. Debbie Saunders at:
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