



## **Dr. Nadim Aboujaoude, Lebanon**

### **THE TOOTH PREPARATION FOR CAD CAM TECHNOLOGY**

The development of the computer aided technology in design and manufacturing made it possible to have the infrastructures, for crown and bridges, made by computer design and then manufactured by computer guided milling machines thus bypassing the craftsmanship of the laboratory technicians. But this revolutionary input in our daily dental work implies some adaptations and modifications of the concept of tooth preparations to adapt to technical possibilities and limitations imposed by the new CAD CAM technology.

In this presentation we will discuss:

- 1- The variation in the tooth preparation for CAD CAM technology
- 2- The appropriate design to fulfill the ever changing possibilities and limitations of the manufacturing and cutting machines.
- 3- The different steps of the tooth preparation that will help in rendering the tooth preparation more CAD CAM friendly and appropriate.