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Dr. P.J. Byrne was born in Cork, Ireland in 1958. He graduated in Dentistry in 1982 from University College Cork. He held various hospital appointments 1982 – 1989 in Ireland and UK. In 1990 he completed his MSc at the Eastman Dental Institute in Periodontology which was awarded with distinction from the University of London. He was awarded the Sir Wilfred Fish Research Prize by the British Society of Periodontology in 1990. From 1990 – 1991, he was Registrar in the Department of Periodontology at the Eastman Dental Institute, London. In 1991, he was elected by examination F.D.S. Royal College of Surgeons, Edinburgh and F.F.D. Royal College of Surgeons in Ireland. He has been in referral practice in Dublin in Periodontology, Oral Surgery & Implant Dentistry, and lecturer in Periodontology at Dublin Dental School & Hospital, Trinity College since 1991 where he lectures on the programme for Undergraduate Dental Students, Dental Hygiene Students, Postgraduate Programme in Periodontology and on the Continuing Dental Education Course as well as invited presentations in Ireland and Internationally. He is Director of the Programme for Clinical Dental Photography since 1998. He was a locum Consultant at Beaumont Hospital, Dublin 1992 – 1998, President of the Irish Society of Periodontology from 1998 –2000. He was awarded an F.I.C.D. by the International College of Dentists in 2002. Elected to the Board of the Faculty of Dentistry, RCSI 1999 where he became Vice-Dean in 2004, and was elected Dean in 2007.



**Lecture 1
Patients at Risk from Periodontal Disease**

The presentation will review the Diagnosis of Periodontal Disease with special reference to Risk Factors. Periodontal disease in children and young adults along with systemic forms of periodontal disease will be discussed, illustrated with clinical case presentations and appropriate reference to the Scientific Literature. The Periodontal systemic Disease interrelationship will be discussed in light of more recent associations between systemic disease and periodontitis.

Learning Objectives:

1. Reinforcement of the cause and risk factors underlying the development and progression of Periodontal disease
2. Review of Periodontal disease presentation in children and young adults
3. Updating the knowledge of participants on systemic disease forms of periodontitis
4. Discussion of the periodontal /systemic disease interface

Lecture 2

Computer Guided Implant Placement and Immediate Loading

This presentation will review the principles of computer guided implant placement with immediate loading with special reference to the indications, techniques and a review of the results of treatment. Computer planning of cases will be illustrated and reinforced using a number of case presentations illustrating the technique. Prosthetic workup, radiographic guide preparation, the scanning technique and the surgical stages of the procedure along with the final seating of the fixed prosthesis will be discussed and illustrated. Discussion of the applications and limitations of the technique will be undertaken.

Learning Objectives:

1. Introduction of the participants to the techniques of computer guided implant surgery
2. Learning the applications and limitations of computer guided implant placement
3. The participants will be guided in the prosthetic and surgical stages of the treatment process