

大学院特別講義のご案内

◆日時：平成25年10月16日（水）10時30分～12時00分

◆場所：F棟5階 中会議室

◆講師：Prof. Daniel C.N. Chan, D.M.D., M.S., D.D.S.
Department of Restorative Dentistry
University of Washington, School of Dentistry
Associate Dean, Clinical Services



◆演題：Composite Resin Restoration Longevity

◆要旨：Resin composites are increasingly popular among clinicians and patients. A number of clinical reports have discussed the longevity of these restorations. Although longevity was the main outcome for these studies, not all defined longevity in the same manner. This presentation will start with an overview of definitions and continue with a global survey on the longevity of composite resin restorations. It will focus on why it is important to understand the longevity of the procedures that we recommend to patients.

Longevity of dental restorations is dependent upon many different factors, including material, patient- and dentist-related. Principal reasons for failure such as secondary caries, fracture, marginal deficiencies, wear and postoperative sensitivity will be identified and discussed as we need to distinguish between reasons that cause early failures and those that are responsible for restoration loss after several years of service. Clinical materials and techniques to prevent failure will be addressed. Other materials besides composite resin will be briefly discussed. Finally, the presentation will close with research focus at the University of Washington related to prolonging the longevity of composite restorations. We will introduce the concept of using metal-titanate as a novel inhibitors of cariogenic biofilms at the tooth-composite interface and present the recent development of our research.

◆問い合わせ先：歯科理工学教室（今里・内線2916）