

歯と骨の分子疾患科学の国際教育研究拠点
ーデント・メドミクスのインテリジェンスハブー

第8回GCOE海外研究者招聘講演会



講師: Nairn Wilson, PhD

Professor of Restorative Dentistry and Dean
and Head of the Dental Institute,
King's College London at Guy's, King's and
St Thomas' Hospitals, England.

日時: 平成20年11月4日 16:30~18:30

場所: 歯科外来事務棟4F 歯学部 特別講堂

演題 「New frontiers in Operative Dentistry」

Operative dentistry continues to constitute 60-70% of the work undertaken in the clinical practice of dentistry. Recent and anticipated future developments in Operative Dentistry are therefore of great significance in oral healthcare provision. New frontiers span the wide spectrum of early diagnoses and interceptive prevention regimens to highly sophisticated state-of-the-art technologies, including nanotechnology, optical capture CAD/CAM and tissue engineering. Regarding favourable clinical outcomes, in particular, long term outcomes in situations in which operative interventions are indicated, the principle barriers to realising new frontiers include minimising technique sensitivity and overcoming limitations in the ability to produce durable, hermetically sealed interfaces between restorations and remaining tooth tissues. Based on the aspirations of GV Black, more than 100 years ago, the day is surely coming when the profession will be practicing preventive rather than reparative dentistry, with repairs to teeth being permanent rather than of highly variable life expectancy. With ever accelerating developments in restorative systems and concepts pertinent to the preservation and repair of diseased and otherwise damaged teeth, Operative Dentistry has never been so dynamic and capable of realising new frontiers in the clinical practice of dentistry.