

# 4年次・大学院特別講義のご案内

日時:平成27年 4月10日(金)

1限9:00～10:00/2限10:15～11:15

場所:F棟5階 弓倉記念ホール

講師: **PROF. DR. DR. GEORG EGGERS MD, DDS, FEBOMFS**  
**DEPT.OF ORAL AND CRANIO-MAXILLOFACIAL SURGERY,**  
**HEIDELBERG UNIVERSITY**

**HOSPITAL**

**WEINHEIM HEAD CENTER**

**演題:IMAGE GUIDED MAXILLOFACIAL SURGERY**

**要旨:** SINCE X-RAYS WERE DISCOVERED MORE THAN 100 YEARS AGO, PATIENT-INDIVIDUAL IMAGE DATA IS AVAILABLE FOR DIAGNOSTICS AND TREATMENT PLANNING. FOR MORE THAN 20 YEARS COMPUTER SYSTEMS ARE NOW AVAILABLE FOR THE PREOPERATIVE CREATION OF PATIENT INDIVIDUAL MODELS OF ANATOMY, TREATMENT PLANNING, AND FOR THE INTRAOPERATIVE EXECUTION OF THIS TREATMENT PLAN. THE LECTURE WILL PRESENT TECHNICAL CONCEPTS LIKE NAVIGATION SYSTEMS, AUGMENTED REALITY AND MEDICAL ROBOTICS. THEIR TECHNICAL IMPLICATIONS AND THEIR IMPACT ON CLINICAL WORKFLOW ARE DISCUSSED, AS WELL AS POSSIBLE REASONS FOR THE LIMITED CLINICAL USE.

※大学院生以外の先生方にも多数ご参加いただきますようお願い申し上げます。  
本セミナーは大学院特別セミナーを兼ねております。奮ってご参加ください。

問い合わせ先:口腔外科学第一教室 (内線2936)