

大学院特別講義

(医歯学先端研究特論)(生命理工学先端研究特論)
(医歯理工学先端研究特論)

下記により大学院特別講義を行いますので、多数ご来聴下さい。

記

1. 講 師 鶴見大学歯学部人文学分野
助教 Asiri Jayawardena 先生
2. 演 題 Lasers in Dentistry: Scientific Basis for Clinical Applications II
3. 日 時 平成 30 年 2 月 22 日 (木) 17:20～19:00
4. 場 所 歯科棟北 2 階セミナー室
5. 要 旨

Since Theodore Maiman invented the first laser in 1960, many different types of lasers have been introduced to medical and dental fields. Along with development of these lasers, a wide range of dental procedures using lasers have come into existence in the field of dentistry, either as an adjunct or replacement to traditional techniques. These clinical applications of lasers include not only treatment of dental diseases but also involve diagnosis, such as optical diagnostics used in the detection of early cancer lesions. The effectiveness of the lasers during these procedures depends on laser-tissue interactions, which consist of both laser properties as well as tissue characteristics.

The objective of this lecture is to briefly present laser applications in dentistry while focusing on the laser-tissue interactions, which constitute the biological / scientific basis for laser use in medicine and dentistry.

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