

Strategies for an improved PDT for cervix (Conference Presentation)

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Abstract

Cervical intraneoplasia (CIN), during its progression, shows an increased cell atypia and affects thicker epithelial structure. Photodynamic therapy (PDT) may constitute an attractive minimally invasive treatment technique. CIN mostly occurs at the squamous-columnar junction (SCJ) of the cervix, resulting in a challenge to achieve the aimed PDT uniform photosensitizer distribution and irradiation. The development of the clinical protocol and of the customized optical treatment probe is essential for an improved PDT response for CIN 1,2 and 3. Results of the developed instrumentation in an ongoing clinical study will be discussed.

Conference Presentation

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