

1. Raziskovalna organizacija (*Research organisation*):

Univerza v Ljubljani, *Medicinska fakulteta*

2. Ime in priimek mentorja (*Name and surname of a mentor*):

Doc.dr. Jasmina Primožič, dr.dent.med.

3. Področje znanosti iz šifrantu ARRS (*Primary research field*):

3.00 Medicinska vede

4. Kontaktni e-naslov mentorja (*Contact of a mentor*):

jasminaprimozic@gmail.com

5. Kratek opis programa usposabljanja (*Short description of the program*):

SLO

Program usposabljanja bo obsegal proučevanje učinkov ortodontskega zdravljenja na obraz, čeljustnice in mehka ter trda obzobna tkiva in zobno pulpo. S tridimenzionalnimi neinvazivnimi metodami (stereofotogrametrijo, lasersko skeniranje, ultrazvok, magnetne resonanca) bomo ovrednotili fiziološke in patološke odzive mehkih tkiv obraza, čeljustnic, obzobnih tkiv in zobne pulpe na delovanje ortodontskih sil. Vrednotili bomo zgodnji in pozni odziv na ortodontsko zdravljenje obzobnih tkiv in zobne pulpe. Ugotavljali bomo tudi sestavo gingivalne tekočine in povezanost prisotnosti bakterij z nekaterimi stranskimi učinki ortodontskega zdravljenja (npr. hipertrofijo dlesni). Program usposabljanja bo potekal na Katedri za čeljustno in zobno ortopedijo, Medicinska fakulteta, Univerza v Ljubljani.

ANG

The program will include the assessment of orthodontic treatment effects on the face and jaws along with soft and hard periodontal tissues and dental pulp. With three-dimensional noninvasive methods (stereophotogrammetry, laser scanning, ultrasonography, magnetic resonance) the physiologic and pathologic reactions of the facial soft tissue, jaws, periodontal tissue and dental pulp on orthodontic forces will be evaluated. Furthermore, the early and late reaction to orthodontic treatment will be assessed. Moreover, we will examine the composition of gingival fluid and the correlation of the presence of different bacteria with some side effects of orthodontic treatment (i.e. gingival hypertrophy). The program will take place mainly at the Department of orthodontics and jaw orthopaedics, Medical Faculty, University of Ljubljana.