

Annual Education Grant 2019 (€20 000)

awarded to

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Universitat Internacional de Catalunya (UIC), Spain

The European Society of Endodontology (ESE) offers an annual education grant to support an educational research project or the development/evaluation of an educational innovation in the field of Endodontology.

Summary of project



Title: A 5-step method teaching with video assistance in the endodontic training education process

Summary: One of the competencies expected of a graduating European dentist in Endodontology is to perform good quality root canal treatment. To accomplish this objective, it is essential to provide the trainee not only with theoretical concepts but also psychomotor skills. Competence is related to confidence in performing a technical process based on theoretical concepts. The five-step method consists of seven principles based on the taxonomy of the psychomotor domain. This method has been used to transfer abilities in undergraduate dental education in several procedures.

The study aims to evaluate how a 5-step method of teaching with video assistance can improve root canal treatment learning skills, and to assess quantitative quality in root canal treatment performed by undergraduate students from the laboratory to the University Clinic when compared with conventional training.

Juan Gonzalo Olivieri is a lecturer at the Universitat Internacional de Catalunya (UIC) in Spain. Dr. Olivieri graduated from the Dental School of the Universitat Internacional de Catalunya (Spain), where he also completed a Master's programme in Endodontics. He has worked since then at the Department of Restorative Dentistry and Endodontics at UIC. His research interests lie in the areas of conservative management of pulp and tooth pathologies, patient perception and oral health, and restorative materials, which he combines with his clinical work as a dentist.

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