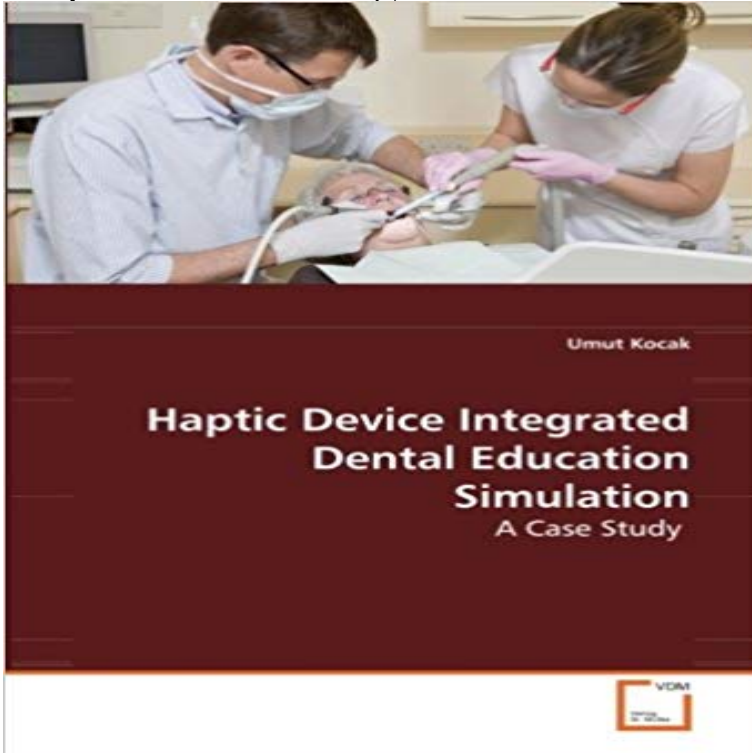


# Haptic Device Integrated Dental Education Simulation: A Case Study



Virtual Reality (VR) applications in medicine had significant improvements. 3D visualization of various anatomical parts using advanced medical scanner images, anatomy education, surgery operations simulation, virtual simulator for laparoscopic skills, virtual endoscopy, psychotherapy and rehabilitation techniques are some of the VR applications in medicine. Integration of the haptic devices into VR applications increased the quality of the systems. By using haptic devices, the user cannot only feed information to the computer but can receive information from the computer in the form of a felt sensation on some part of the body. In this study a method to develop a dental education simulator supported by haptic feedback is described and the evaluation studies held with dentists are presented.

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