

Periodontal bone substitutes applicationErum Khan^{1,2}¹King Abdul Aziz University, Saudi Arabia²Bhitai Dental and Medical College, Pakistan

Bioactive Materials have been used since decades but the researches on these materials are still continuing in phase. This material got extra ordinary attention by the scientist and researchers. Bioactive material has ability to bind itself chemically with natural bone tissues. Bioactive materials bring revolution in the field of bone repair and implantology. Bioactive materials have also ability to effect on gene activation of osteoblastic cells that enhance proliferation, resulting rapid bone formation. At last, the techniques through which bioactive materials are used to deposits on the implant, to create bond between implants and the bone.

Speaker Biography

Erum Khan is a practicing Dentist and Researcher in Faculty of Dentistry at King Abdul Aziz University and a Visiting Faculty Member at department of Restorative Dentistry in Bhitai Dental and Medical college, Pakistan. She has aquired her basic Dental qualification from Pakistan, further she completed her MSc from University of Malaya, Malaysia in 2015. During this period, she has worked as a team member in different research projects conducted in Pakistan, Malaysia, Saudi Arabia and italy. She is a memeber of different international research groups in the following discipline; stem cell and tissue engineering, Dental biomaterials and oral hard tissues, Dental Public health and Preventive dentistry. Currently, she is a Project Manager of a research project related to Dental marketing and Dental Public health.

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