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Recent Periodontology innovations emphasis on novel bone grafts

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Regeneration in periodontics has many facets and developments. Novel new ways of platelet rich plasma and autogenous teeth have also found its way into the choices of regeneration and have been found to be a cheaper alternate along with promising results. Emdogain has its mainstay and cases done by our department and results will be shown highlighting various new ways in treatment modalities along with cases which are relevant to show how effective these can be. A study done at queen mary university undertaken by me with the help of professors on calcium phosphate and bioactive glass combination as a alloplastic new material will be featured. Researchers had discovered calcium phosphate crystals which are a bioactive and biodegradable bone grafting material Novel material can be made by mixing bioglass and Calcium phosphate and have cements set to form hydroxyapatite or brushite produce HAP, brushite and fluorapatite forming cements. Photodynamics and lasers the new products of the future with its precision and being immaculate and ease of handling would be stressed on. alongwith drawbacks as well as effectiveness. New concepts along with older concepts will be revisited and pondered by linking both giving a insight to advancements in periodontology.

Biography

Ashar Nizamuddin Jamelle has done his BDS from fatima Jinnah Dental college, Pakistan and Masters in clinical dentistry periodontology from Queen Mary university London(barts and the london hospital) and fcps part 2 postgraduate training in operative dentistry from Agha Khan university hospital Karachi. He is Agha khan postgraduate alumni with three local publications one international. He has given lectures in conferences representing Pakistan internationally in the Malaysian international dental conference in January 2011 . Presented at many conferences as a invited speaker at national level and won prizes for scientific presentations.

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