



## Biodentine And MTA

By Karan Bansal

LAP Lambert Academic Publishing Mrz 2015, 2015. Taschenbuch. Book Condition: Neu. 220x150x6 mm. Neuware - MTA is a biocompatible material with numerous exciting clinical applications. It has been used on an experimental basis by dentists for several years with anecdotally reported success, some of it quite impressive. It serves as an ideal root repair material which has qualities like resistance to marginal leakage, allows normal healing response, ease of clinical manipulation and being non- resorbable. And finally the most important quality, especially of interest in our field i.e. it is non-toxic. Biodentine is a fast-setting tricalcium silicate-based material having extended alkalinizing properties principally able to release ions involved in mineralization processes. The material's large porosity and water sorption are correlated with a pronounced ion release allowing the formation of calcium phosphate deposits. However, more prospective clinical studies and high quality randomised control trials with adequate sample size and long term follow up are necessary to draw definitive conclusions. 108 pp. Englisch.



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