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## **Upsurge of Nanotechnology in Dental Medicine**

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The word nano is a Greek derived word meaning dwarf. It is a prefix that literally means one billionth of a physical size. Nanotechnology will give us the ability to arrange atoms as we desire and subsequently to achieve effective and complete control of the structure of matter. This upcoming field has the potential to drastically improve and replace the conventional dental materials used like impression material, implant material, bonding agents, composites with better esthetic properties. The development of nanodentistry will allow nearly perfect oral health by the use of nanomaterials and biotechnologies, including tissue engineering and nanorobots. The presentation will deal with classification, method of synthesis, advantage, disadvantage and its application in field of dentistry: from a dentist point of view.