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| **Name:** |
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| **Group:** |
| 8B-3 |
| **Basic Science Question:** |
| What are the different types of grafting materials? |
| **Report:** |
| There are many different grafting materials that are used in dental procedures. A bone graft is necessary when there is a need to replace missing bone like in the case of dental implants and some periodontal treatments. The bone graft ensures strength by integrating itself into existing bone. There are five main catagories of bone grafts that are used in dentistry. Those five catagories include; allograft-based bone grafts, factor-based bone grafts, cell-based bone grafts, ceramic-based bone grafts and polymer-based bone grafts.  |
| **References:** |
| Kumar P, Vinitha B, Fathima G. Bone grafts in dentistry. J Pharm Bioallied Sci. 2013 Jun;5(Suppl 1):S125-7. doi: 10.4103/0975-7406.113312. PMID: 23946565; PMCID: PMC3722694. |