

Definitions	١
Selection of biomedical materials	٢
Common classes of materials	٣
Composite and biodegradable	٤
Physical properties :Mechanical	٥
Thermal and Chemical properties	٦
Bio-Ceramics	٧
Alumina	٨
Porous Ceramics	٩
Resorbable Ceramics	١٠
Hydroxyapatite	١١
composites	١٢
coatings	١٣
Natural composites	١٤
Polymer as Biomaterials	١٥
Denture Base Resins	١٦
Maxillofacial Prostheses	17
Natural Polymer	18
Sterilization	19
Metals and Alloys	20
Titanium and its alloys	21
Biomedical application	22
Dental metals	23

Join replacements	۲۴
Hard tissue replacements	25
Soft tissue replacements	26
Total Joint replacements	27