

Porcelain failures of implant supported metal ceramic restorations

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The implant supported fixed prosthesis has been advocated as an effective restoration offering esthetic and function. According to the literature, porcelain fracture associated with an implant-supported, metal ceramic crown or fixed partial denture occurs at a higher rate than in tooth-supported restorations.

Many factors such as number of supporting implants, type of restoration, opposing dentition, type of occlusion, presence of parafunctional habits, use of an occlusal protective device, ... may increase the risk of porcelain fracture.

The purpose of this lecture is to present the factors affective for porcelain fracture in implant-supported, metal ceramic restorations and suggest how this complication can be minimized.

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