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# *Prevention of distal extension cantilever fracture in mandibular overdentures.*

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**Running title:** *Effect of bar design and dimensions on bar extension fracture*

**Key words:**

Bar design, bar extension fracture, mechanical failures, metallurgical considerations, implant retained overdentures, implant suprastructures, prosthetic complications

**Conflict of interest:** All (co)-authors declare that they have no conflict of interest. This study was supported by a grant from Dentsply Implants.

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