

Case Report: Use of a Non-Rigid Connector

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Long span bridges with rigid connectors experience a large variety of occlusal forces which cause stress to the underlying framework. The uneven distribution of stress experience by the bridge often leads to failure of the restoration and may cause significant pain and discomfort to the patient. Reducing the amount of stress on a long span restoration by redistributing forces via a non-rigid connector is a viable way to improve patient comfort and restoration longevity in long span bridges. In this report a PFM bridge with a non-rigid connector in the pontic distal to the pier abutment was delivered to eliminate pain caused by a PMF bridge with a rigid connector.