

Guidance on Posterior Resin Composites for Beginning of the Amalgam-Free Future

There have been many developments in operative dentistry in recent years, including a progressive shift to the use of resin composites, rather than dental amalgam, in the restoration of posterior teeth. This shift allows the adoption of minimal intervention approaches, thereby helping to conserve and preserve remaining tooth tissues and structures. The Academy of Operative Dentistry considers adhesively bonded resin composites of suitable composition and properties to be the "material of choice" for use in direct minimal intervention approaches to the restoration of posterior teeth. Guidance, based on best available evidence, has been made in relation to certain aspects of resin composite placement techniques in posterior teeth.