

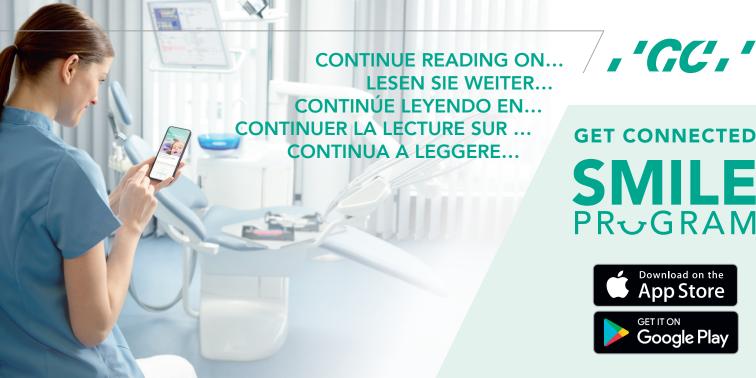


**Prof. Esra Can Say** graduated from

## Chairside tooth replacement using a simplified procedure to create a fibre-reinforced composite bridge

By Prof. Esra Can Say, Turkey

The congenital absence of permanent teeth, also known as partial anodontia, involves both functional and aesthetic considerations. The treatment options to replace one or both missing lateral incisors include cuspid lateralisation, implant-supported or conventional fixed prostheses, Maryland bridges, or fibre-reinforced anterior adhesive bridges created using a direct or indirect technique. While implant-supported or conventional fixed prostheses can be the treatments of choice for adults, minimally invasive and reversible provisional procedures are necessary for adolescents as their vertical facial growth continues and the implantation at a young age could lead to submergence of the implant crown and create aesthetic and periodontal problems. On the other hand, their growth in the horizontal plane is completed sooner than the growth in the vertical plane. Therefore, for adolescents fibrereinforced adhesive bridges are the optimum solution for the long-term provisional treatment of the congenital absence of permanent teeth. Along with a simple chairside application technique, this treatment plan also offers minimal tooth preparation, cost effectiveness, and time savings. The limitations of this technique are principally related to occlusal factors, such as deep bite or heavy interference, presence of extensively restored abutment teeth or the presence of diastemas which may limit the potential aesthetic gains.





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