



# FujiCEM Evolve as innovative resin-modified glass-ionomer cement for zirconia restorations: a case report

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Due to the increasing patients' demand for aesthetics and its optimal biomechanical and optical properties, zirconia is widely used in prosthodontics as a material of choice for indirect ceramic restorations<sup>1-4</sup>. Recently, cubic translucent zirconia has been introduced in the market to improve the optical characteristics and reduce material ageing<sup>3,5,6</sup>.

Due to the absence of any glassy matrix, zirconia is free from silica and, consequently, cannot be conditioned with conventional acid etching techniques<sup>1,7,8</sup>. Several surface treatments were suggested in the literature but to date data are still controversial<sup>9,10</sup>. On the basis of the physical-chemical properties of zirconia, in the presence of retentive preparation geometries and full coverage prostheses, conventional water-based luting agents (i.e. glass ionomer and zinc phosphate cements) and hybrid cements (i.e. resin-modified glass ionomer cements) should be considered the first choice materials for cementation<sup>9,11,12</sup>.



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