



PANAVIA™: Past, Present and Future

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The launch of the first “PANAVIA™”(Kuraray Noritake Dental Inc.) in 1983 was a breakthrough in dentistry and revolutionized the cementation of indirect restorations. This resin cement included, for the first time, the 10-Methacryloyloxydecyl dihydrogen phosphate (MDP) adhesive monomer, which is commonly used in bonding agents nowadays and made possible chemical bonding not only to tooth structure but also metals. Nevertheless, new restorative materials and methods, such as zirconia, lithium disilicate, and CAD/CAM blocks have been introduced. Furthermore, a digitalization era has begun. In this lecture, the history of the “PANAVIA™” series and its evolution will be reviewed. Moreover, the “PANAVIA™” series’ performance, which has been assessed in multiple studies with excellent results, will be discussed as well as its evolution and adaptation to the new needs, contributing to offer a simplified workflow to clinicians without compromising the results.

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<Curriculum Vitae>

Dr. Jorge Espigares received his DDS degree at the Faculty of Dentistry, University of Granada in Spain and obtained his PhD degree under the supervision of Prof. Tagami at Tokyo Medical and Dental University in Japan.

Specialized in Cariology and Operative Dentistry, Dr. Jorge Espigares has clinical experience in Spain and UK, has authored and coauthored full-length research publications with his colleagues at TMDU, and has lectured across the world.