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|                            | <b>JUNJI TAGAMI, DDS, PhD</b>  |
|                            | <p>Executive Vice President, Tokyo Medical and Dental University, 2014-present<br/>                 Dean, Faculty of Dentistry, Tokyo Medical and Dental University, 2005-2014<br/>                 Chairman and Professor, Cariology and Operative Dentistry Graduate School of Medical and Dental Sciences, Tokyo Medical and Dental University, 1998-2005<br/>                 First Honorary Member, International Academy of Adhesive Dentistry, 2017<br/>                 Distinguished Scientist Award, Wilmer Souder Award, IADR, 2017<br/>                 Honoris Causa, Doctor of Philosophy, Mahidol Univeristy, Thailand, 2015<br/>                 Honorary Professor, Dental University, Yangon, Myanmar, 2014<br/>                 Honorary Professor, Peking University of Stomatology, Republic of China, 2013<br/>                 Honoris, Doctor of Dentistry, Kings College London, UK, 2008<br/>                 Academic Distinctive Merit Award, Japan Society of Adhesive Dentistry, 2006<br/>                 PhD, Tokyo Medical and Dental University, Graduate School , 1984<br/>                 DDS, Tokyo Medical and Dental University, 1980</p>  |
| <b>Presentation Date:</b>  | <b>Monday, 7 May 2018 8:00 AM - 9:30 AM &amp; 1:00 PM - 2:30 PM</b>  |
| <b>Venue</b>               | <b>SMX CONVENTION CENTER MANILA, Function Rooms 3 &amp; 4</b>  |
| <b>Presentation Title:</b> | <b>ESTHETIC RESTORATION WITH AUTO-COLOR MATCHING COMPOSITE RESIN AND AUTOCURED LIGHTLESS ADHESIVE</b>  |
| <b>ABSTRACT</b>            | <p>Cariology and Operative Dentistry, Graduate School of Medical and Dental Sciences, Tokyo Medical and Dental University</p> <p>The innovative composite resin and adhesive enabled us to provide the aesthetic restoration with extremely simplified procedures. One step self-etching adhesive exhibit reliable bonding and are widely utilized in the clinic. However, the self-cured type adhesives tended to exhibit less bonding performance than the light-cured type adhesives. Quick and sufficient polymerization is recognized to be essential for the quality of bonding. One latest adhesive could achieve excellent bonding with the one step procedure without light curing procedure. In this adhesive, the polymerization is accelerated at the interface between the bonding resin and composite resin. This technology is said to be the contact-cure system. The lightless adhesive procedure is really innovative and simplifies the bonding procedure very much. It is believed that the risk of contamination and insufficient curing by inappropriate light irradiation must be decreased. The color matching and glossy surface are also obtained with the recent innovative composite resin. Because of the optimum light diffusion effect of the composite, color matching is very easily achieved with limited shade selection for the variety of tooth color. Multi-shade layering technique is not required with this kind of material. Furthermore, the highly glossy surface of the composite is obtained with less polishing steps and time. This is because of the supra-nano size filler particle of the composite. The shiny surface can be maintained for long term because of the auto-polished characteristic of the material. Thus, the recent innovative technologies provide us the high quality and long lasting aesthetic restoration. The scientific background of the materials and clinical case presentation will be shown in the lecture.</p> <p>Key words: aesthetic restoration, supra-nano filler, self shining effect, auto-polished composite, lightless adhesive, contact cure system<br/>                 Cention N is remarkably simple to use. The product is applied without having to use a primer, varnish or curing light. Only dosing, mixing, filling and finishing are required.</p> |

