



	<b>MARIA JACINTA ROMERO, D.D.S., Ph.D.</b>
	<p>Doctor of Philosophy in Dental Science, Department of Cariology and Operative Dentistry, Division of Oral Health Sciences, Graduate school of Medical Dental Sciences, Tokyo Medical and Dental University, Tokyo, Japan, 2016</p> <p>Research student, Department of Cariology and Operative Dentistry, Division of Oral Health Sciences, Graduate school of Medical Dental Sciences, Tokyo Medical and Dental University, Tokyo, Japan, 2016</p> <p>Dental Extern, Hospital Dentistry Externship Program, University of the Philippines, Philippine General Hospital, 2009</p> <p>Doctor of Dental Medicine, University of the Philippines, College of Dentistry, 2006</p> <p>Journal Reviewer, Archives of Oral Biology</p> <p>Associate Professor, Centro Escolar University, School of Dentistry, Manila</p> <p>Member, International Association for Dental Research, European Organisation for Caries Research, Japanese Association for Dental Research, Japanese Society of Conservative Dentistry</p>
<b>Presentation Date:</b>	<b>Wednesday, 9 May 2018 8:00 AM - 9:00 AM &amp; 1:30 PM - 2:30 PM</b>
<b>Venue</b>	<b>SMX CONVENTION CENTER, MANILA, Function Rooms 3 &amp; 4</b>
<b>Presentation Title:</b>	<b>EVOLVING CARIOLOGY PARADIGMS, NON-OPERATIVE STRATEGIES AND THE USE OF SILVER DIAMINE FLUORIDE</b>
<b>ABSTRACT</b>	<p>Dental caries remains to be an international pandemic. The Global Burden of Disease Study 2015 has reported caries as the most prevalent non-communicable disease worldwide. Oral health organizations have called for changes in caries detection, for it to be done from an early non-cavitated stage, risk assessment and management in order to control this preventable disease. While there are many caries classification systems available, the International Caries Detection and Assessment System and its International Caries Classification and Management System (ICDAS/ ICCMSTM) has been suggested to be the most comprehensive evidence-based system developed for such purpose. The need to shift the focus of dental caries management from restorative towards arrest and preventive strategies as well as a stronger integration into general health have also been emphasized. Over the years, numerous anticariogenic agents have been introduced. Silver diamine fluoride is one that has already been used in Japan for over eighty years. However, it was only until recently that it has gained international attention for its strong anticariogenic potential. The U.S. FDA in 2014 approved its use for dentin hypersensitivity. While in 2016, it became the first dental product to receive the FDA Breakthrough Therapy Designation for the arrest of dental caries. This presentation will provide an update on the current concepts in Cariology that would hopefully lead to a better understanding of dental caries both as the lesion and as the disease. Moreover, it will present various established and novel preventive and non-operative treatment strategies including different aspects of the clinical use of silver diamine fluoride and its mechanism of action</p>