



Dr. med. dent. Philipp E. Schneider, DMD, Swiss Federal Dentist

Dr. Schneider graduated at the University of Zurich Switzerland and is affiliated to its Dental Institute as Instructor and Assistant Professor since 1974. After postgraduate education in the United States (UCLA) and Japan (Tokyo Dental College) in Restorative Dentistry, Periodontology and Prosthodontics he opened his private clinic in Switzerland . He features over 35 years clinical experience and his worldwide lecturing activities opened him insights in numerous countries like India, PR China, Japan, South America, United States and Russian Confederation.

Dr. Schneider is Consultant of Ivoclar Vivadent AG, Schaan, Principality of Liechtenstein, and accompanying the worldwide launch of the novel filling material Cention N.

AN ALTERNATIVE TO AMALGAM:- CENTION N: BASIC FILLING REDEFINED

Lecture and workshop program with

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Abstract

The United Nations Environment Programme (UNEP) initiated the Minamata Convention (also known as the Treaty on Mercury) with the aim of reducing mercury emissions and releases in the future. The contents of the Convention are based on the findings of comprehensive studies on mercury emissions and releases and their effects on human health. Once the Convention enters into force, the member states will commit themselves to reducing the use of amalgam and promoting the development of alternatives. Dental Amalgam as a restorative material is still being used widely today due to its' ease of use, appropriate mechanical and bacteriostatic properties and cost-effectiveness. The September 2014 FDI Policy Statement on dental amalgam recommends that a phase down of amalgam will be only appropriate when an alternative and suitable restorative material is available.

The new product Cention N from Ivoclar Vivadent is a cost-effective; chemical self-curing, innovative powder-liquid metal-free filling material which has been developed in response to the global initiative established by the United Nations Environment Programme (UNEP) to reduce the use of mercury. The high flexural strength of Cention N positions it as a suitable amalgam alternative for permanent placement in Class I and II restorations in the posterior region.

Cention N belongs to the materials group of Alkasites. The patented alkaline filler increases the release of hydroxide ions to regulate the pH value during acid attacks. As a result, demineralization can be prevented. Moreover, the release of large numbers of fluoride and calcium ions forms a sound basis for the remineralization of the enamel structure.

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.

Dr. med. dent. Philipp E. Schneider (DMD) will explain why and how Cention N will be the adequate and inexpensive alternative to amalgam in restorative dentistry.