Promoting better quality of life is the new paradigm in dentistry. Caries management has evolved from drilling and filling to a more holistic approach that includes the prevention of disease and the preservation of the tooth structure. This lecture discusses important aspects related to caries risk, new concepts of caries management and remineralizing agents. Finally, attention is given to the selection of the most suitable restorative materials and techniques, depending on the risk of caries and its progression.

In many clinical circumstances, glass ionomers will certainly be the material of choice thanks to their ability to intimately interact with dental hard tissues in a biomimetic fashion. To get the most of this group of restorative materials, it is crucial that as dentist you can differentiate among the various kinds of glass ionomers, their indications, and how to use them correctly. These aspects will be presented in this course.

**PROGRAM**

**Part I**

- Introduction to the concept of minimum intervention:
  - The different phases of minimum intervention: Identify - Prevent - Restore.
  - Materials and techniques for caries and caries risk diagnosis.
  - The use and efficiency of modern remineralizing agents.

**Part II**

- The application of minimum intervention following the main needs of different ageing populations.
  - MI Early Care (introducing The Dentonauts).
  - MI Active Care
    - Restorative dentistry following the principles of minimum intervention: Managing deep caries; Margin elevation technique; Caries risk analysis and its influence on the restorative option; Modern glass ionomer technologies; scientific evidences on the use of restorative glass ionomers (temporary or definitive solutions?).
  - MI Care Plus
    - Minimum intervention in Geriatric Dentistry; The Seattle Care Pathway for securing oral health in older patients.
  - Sealants; Atraumatic Restorative Treatment (ART); Managing Hypomineralised Second Primary Molars (HSPM) and Molar Incisor Hypomineralisation (MIH).

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**LOCATION** GC Europe Campus, Interleuvenlaan 33, 3001 Leuven (BE)

**COSTS** €249,- incl. coffee, tea and lunch, excl. VAT.

**SUBSCRIBE** mail to education.benelux@gc.dental or call 0031 (0) 630 85 00.

**TRAINER**

**MARCIO VIVAN CARDOSO**

Dr. Marcio Vivan Cardoso graduated as a dentist at Sao Paulo University, Brazil. At the same institution, he obtained his Master of Sciences (MSc) and Doctor of Philosophy (PhD) degrees, both in the area of Restorative Dentistry. Besides pursuing experience as a dentist in both public and private sectors, he became lecturer and professor at different institutions, always focusing the areas of dental materials, minimal intervention dentistry and aesthetic dentistry. Dr. Vivan Cardoso was also appointed as Post-Doctorate Researcher at the Catholic University of Leuven, Belgium, where he conducted research in the area of biomaterials. He has produced a considerable number of scientific articles published in different international peer-reviewed journals.