

ENDO PILLS INTERNATIONAL

Lunedì, 17 Novembre ore 19.00-20.30 / *Alexis Gaudin (President SFE Société Française d'Endodontie)*
Vital Pulp Treatments: Challenges and Hopes - in lingua inglese



Alexis Gaudin PhD (2015), HDR (2020), is a full-time professor and Endodontist at Nantes University Hospital and the dental school at Nantes Université. He is recognized as a leading expert in pulp biology and the immune response in the dental pulp. Pr. Gaudin is the President of the French Society of Endodontics and a certified member of the European Society of Endodontics. An accomplished researcher, Prof. Gaudin joined the INSERM 1229 RMeS (Regenerative Medicine and Skeleton) laboratory in 2018. His work focuses on regenerative endodontics, with expertise in the immunomodulatory properties of mesenchymal stem cells and molecules involved in the resolution of inflammation. He leads pioneering projects which explore cell-free therapeutic approaches for dental pulp regeneration. Prof. Gaudin's academic journey includes a year as a visiting researcher at the University of the Pacific in San Francisco, USA, where he investigated the impact of immune responses on stem cells. His contributions have earned him numerous awards, including the CNEOC (2011), FSE (2013), and IADR-PBRG (2016) prizes.

Vital Pulp Treatments: Challenges and Hopes

Vital pulp treatments (VPT) have emerged as a promising approach to preserve the natural function and defense capacity of the dental pulp, offering an alternative to conventional root canal therapy in carefully selected cases. Advances in biomaterials, diagnostic tools, and biological understanding of pulp inflammation have expanded the indications for VPT and strengthened the evidence supporting their effectiveness. Yet, challenges remain: the unpredictability of pulp healing in advanced caries or trauma, the limits of current diagnostic methods to assess true pulp status, and the long-term outcomes compared to traditional treatments.

This webinar will explore both the obstacles and opportunities surrounding vital pulp therapies. We will review the biological basis of pulp preservation, current clinical protocols, and the role of new bioactive materials. Practical aspects such as case selection, management of complications, and integration into daily practice will be addressed. Finally, we will look ahead to the future: how regenerative strategies and pro-resolving mediators might reshape our vision of pulp conservation.