Immediate loading with complete rehabilitation of severely atrophic maxilla and mandible

Implant placement in severely atrophic jaws is especially challenging because of the poor quality and quantity of the future implant bed. When there is a loss of teeth, atrophy of the alveolar processes occurs in a vertical as well in a horizontal plane. Restoring severely atrophied cases can be very challenging due to the proximity of the sinuses and nerves and the resorption of the alveolar crest. Usually bone grafts, mental nerve displacement and sinus lift procedures are used to overcome the initially poor anatomical and mechanical conditions of such cases. But severe atrophies may be rehabilitated within 10 days with a fixed denture thanks to the Cortically Fixed at Once (CF@O) approach. The CF@O protocol uses the remaining bone for fixing cortical implants. Its specificity is that no bone graft, no sinus lift and no nerve displacement are used. It uses specific designed plate implants, with a shape ranging from 41-43 mm in length. These solid titanium hybrid plates possess a high fatigue strength level with no welds or added parts. They are particularly indicated for mechanically demanding situations.

Biography
Henri Diederich has completed his degree in Dentistry in 1985 from the Free University in Brussels, Belgium. He has run his own practice since 1985. He holds additional diplomas in Legal Dentistry and Personal Injury, both from the University of Montpellier, France and is a Sworn Expert in the Luxembourg Courts. He is the Father of the CF@O Protocol (registered in the EU). He has been teaching Implantology at Post-graduate level at the Hospital Saint-Antoine in Paris, Universidad Europea Miguel de Cervantes, Madrid, and the University of Toulouse. He regularly speaks at conferences as a keynote speaker and co-publishes regularly papers on Implantology in European Journals. He is the Honorary Consul of Latvia in Luxembourg since 2004. He has been awarded the grade of Officer of the Order of the Oak Crown for his outstanding services to medicine two years ago by our Grand-Duke.

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