

Portugal

## DENTISTRY PROFESSIONAL OF THE YEAR

### Fernando Duarte (Clitrofa - Centro Médico, Dentário e Cirúrgico, Lda)

Based in Trofa, Dr Fernando Duarte is one of Portugal's leading dental experts. He operates from Clitrofa, a dentistry clinic he co-founded alongside Master Dentist Dr Carina Ramos in 2002. Today, the clinic boasts 16 highly-qualified medical professionals in its team who deliver a broad range of general and aesthetic dentistry, alongside rehabilitation treatments for other areas of the body. Dr Fernando Duarte has helped develop a state-of-the-art institution that delivers a breadth of innovative treatments which have transformed its patient's oral health and self-confidence. As a pioneer for dentistry in the country, Dr Fernando Duarte also leads the Clitrofa Education Academy which offers young professionals a chance to upskill and train amongst the clinic's cutting-edge facilities.

Within the specialist's breadth of expertise is oral medicine, oral surgery, and implantology, and alongside Dr Ramos he has developed a clinic which boasts the industry's most advanced technology. Implanting dental prosthesis is amongst Clitrofa's specialities, and the treatment aims to deliver oral function and improved aesthetics – transforming patient's lives. With a medical, anaesthesia, and nursing team at its disposal in the Surgical Unit,



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Clitrofa ensures that patients are incredibly well looked after before, during, and after their treatment. Dr Fernando Duarte is heavily involved in the clinic's implantology treatments, but also operates as Clitrofa's CEO – ensuring the clinic continues to be a highly-trusted name in the profession.

The judging panel was particularly impressed by the innovative technology partnership that has been formed with world-leading manufacturer NSK-Japan. Dr Fernando Duarte developed this exciting partnership to further develop Clitrofa's zygomatic implants treatment. The precision technology provided by NSK-Japan offers optimised access to the patient's zygomatic bone – substantially improving visibility for the dental technician. The system adds further value by effectively cooling the treatment area and the drill-bit, vastly decreasing the opportunity for contaminants to enter the patient's mouth. Showcasing his impressive vision, Dr Fernando Duarte continues to forge strong partnerships with companies around the globe with a view to evolving Clitrofa's facilities and delivering his patient's an even better service.



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# SHAPING THE DENTAL INDUSTRY WITH TECHNOLOGICAL INNOVATION

## How Clitrofa is transforming patient smiles with its world-class dental tools



### ADVANCED DENTAL PROSTHETICS WITH CAD/CAM TECHNOLOGY

Founded in 2002, Clitrofa is a dental surgery located in Trofa, specialising in comprehensive and holistic treatments in the field of dental aesthetics and rehabilitation. With a designated dental laboratory equipped with the latest technology, Co-Founder Dr Fernando Duarte and his team have become pioneers for their state-of-the-art dental prosthetics. The clinic's dental lab has curated a range of acrylic, metal and ceramic prosthetics designed for optimum dental aesthetic quality. Mimicking the natural look of teeth effortlessly, the Clitrofa CAD/CAM process makes dental restoration much more efficient, enabling it to be completed in as little as 45 minutes.

The clinic first scans the patient's teeth in order to design the prosthetics with its powerful in-lab computer system. Placing precision and rapidity at the fore, its tools further scan and analyse the design, producing a new set of prosthetics with high-quality ceramic to ensure a natural and resistant set of new teeth, inlays or bridges. As such, this groundbreaking service has placed Clitrofa as one of the leading prosthetic suppliers for a range of other clinics in the neighbouring areas of Porto, Braga, Maia and Guimarães.

### ZYGOMATIC IMPLANTS

Partnering with NSK Japan, Clitrofa has brought about an exciting technological development centred around a new contra-angle for zygomatic implants. Essentially, this alternative to traditional dental implants enables those who do not have enough bone in their jaws to bypass the lengthy processes of bone grafting and sinus lifts, with patients able to be discharged just a few hours after their procedure.

Aiming to improve the quality of the instruments available to perform this surgical intervention, Duarte told us: "This equipment has a specific angle that optimises access to the zygomatic bone and substantially improves visibility. It has an external irrigation system that efficiently cools the treatment area and the drill bit, a unique sealing system to prevent contaminants from entering the instrument and a surface treatment of the part



**THE CLINIC FIRST SCANS THE PATIENT'S TEETH IN ORDER TO DESIGN THE PROSTHETICS WITH ITS POWERFUL IN-LAB COMPUTER SYSTEM.**



that allows for better reprocessing". This versatility has infused profound value in the market, providing an alternative for rehabilitating the atrophic posterior maxilla – a true reflection of the brand's commitment to doing what is right regarding patient satisfaction instead of what is easy.

Alongside this, the highly experienced team has rapidly responded to consumer and market demands for this innovation in Brazil, partnering with S.I.N Implant System to develop its zygomatic implant. Fernando outlines that "It is an implant with several structural changes, namely: intermediate body without turns, surface with double acid attack in the apical and cervical regions, angled head of 45°, apical diameter of Ø3.85mm, cervical diameter of Ø4.5mm and body diameter Ø3.10mm".

Fernando Duarte (Clitrofa - Centro Médico, Dentário e Cirúrgico, Lda) has been awarded Dentistry Professional of the Year – Portugal by the Corporate LiveWire Innovation and Excellence Awards. The judging panel was particularly impressed by Dr Fernando's experience and expertise in the area of surgery and implantology, as well as the technological advancements the clinic has achieved in partnership with NSK-Japan. For more information, please visit [www.clitrofa.com](http://www.clitrofa.com).