

Tecartherapy Oral and Maxillofacial



Application areas of the C500-Intraoral device

<p>1 Analgesic</p> <p>The first cause of a patient's consultation is for pain. You can reduce the suffering of your patient in few sessions with this device, treating the pain simply and quickly with the application of the CAP accessory for 5 minutes on the affected surface.</p>	<p>2 Postoperative</p> <p>Any dental surgery involves pain and inflammation. Treat these symptoms quickly and easily, applying the CAP accessory for five minutes on the surface. The powerful analgesic effect will reduce your patient's discomfort, while its anti-inflammatory ability will reduce swelling and trauma-related edema. The lymphatic drainage produced by the device stimulates the onset of tissue repair.</p>
<p>3 TMJ</p> <p>The temporomandibular joint, TMJ, is related to several alterations such as dislocations, subluxations, bruxism and arthritis. Treat the articulation in these disorders through the combined application CAP-RES for 4 minutes, and achieve a decrease in pain, inflammation, improvement in articulation mobility and muscle relaxation.</p> <p>Complement the efficacy of the discharge splint with therapy with this device to achieve higher levels of satisfaction from your patients.</p>	<p>4 Vascular stimulation</p> <p>The powerful circulatory stimulation generated by this device is credited for its support in multiple disorders where peripheral circulatory inflow is reduced. Use this device to stimulate vascularization in the gums, to strengthen the settlement of dental implants, to regenerate damaged or scar tissue, or to treat patients with vascular disorders such as smokers or the elderly.</p> <p>The circulatory stimulus also favors the reduction of fibrosis and adhesions, improving the flexibilization of the tissues and increasing the lubrication.</p>

www.DentalTecartherapy.com

Bibliography and Scientific Publications

Sivaraj, K.K. & Adams, R.H. (2016). Blood vessel formation and function in bone. Development (Cambridge, England), 143 (15), 2706-2706-2715. doi:10.1242/dev.136861 [doi]

Hu, K., & Olsen, B.R. (2016). The roles of vascular endothelial growth factor in bone repair and regeneration. Bone, 91, 30-38.

2017 Tecartherapy's Intraoral C500 - 11 - 2017 EN



Manufacturer warranty



Certified company



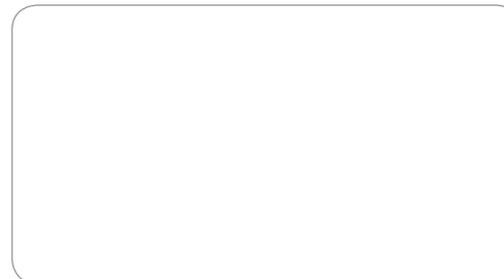
Capenergy Medical. S.L.

Avda. Mare de Déu de Montserrat 41 bis
Sant Joan Despí 08970 Barcelona - SPAIN
Tel. (+34) 93 477 43 48 • Fax: (+34) 93 477 42 90

info@capenergy.com
www.capenergy.com

PATENT PENDING

Centre Stamp



www.capenergy.com



Dental Tecartherapy with Oral Intracavitary

www.DentalTecartherapy.com



CAPENERGY is a registered trademark. 8764409 EM

Tecartherapy Oral & Maxillofacial

Applying the **Capenergy** devices provides a wide range of possibilities. Its **powerful biological effect** can benefit multiple users with different needs. Learn how you can use these equipment in **oral & maxillofacial** treatment.

Discover the many applications of **Tecartherapy Oral & Maxillofacial** by Capenergy



The **C500-Intraoral** equipment is the first device of Oral and Maxillofacial **Tecartherapy** of the market that allows to accede to four segments of differentiated treatments of progressive form. These areas of application are: **Post-surgical treatments, TMJ, bio-stimulation and bone regeneration**. With a single device and 310 watts of power, the **C500-Intraoral** equipment adds unique value to the Dental Medical Center: modularity in the application of medical services linked to dentistry and specialized physiotherapy in TMJ. Its versatility in accessories allows to treat different areas of the oral cavity, both internally and externally. The size of the treatment accessories also varies according to the medical requirements: small applicators to access the articulation from the inside of the buccal cavity, and medium size accessories between 20 and 50 cm² for external approach, on the skin. The results are obtained with speed, security and comfort. The energy is transferred to the patient's body through the **Capacitive, Resistive and Intracavitary coupling** according to the operational needs. The professional can incorporate treatment modules and accessories as his needs grow.



The **C500-Intraoral** device: **Everything in the same equipment, modular and scalable**

Technical specifications

- Multi Frequency: 0,8 MHz, 1 MHz, 1,2 MHz.
- Power: 310W**
- Weight: 10,7 Kg
- Size 34,7 x 42 x 22 cm
- Stand not included
- Temperature control
- Smart accessories, ergonomic and hygienic.

EID: Standard accessory

** Accessories available through the C50 Upgrade.*
*** Power established in laboratory on resistive load of 400 ohms.*
**** Optional extra accessory (Not available with the basic).*



INTRACAVITARY ACCESSORIES:

Dental Intracavitary Electrode (DIE) *** Unique patented market electrode designed for the treatment of the gingiva and hard and irregular tissues of the mouth. Its application is made with a disposable hygienic cover for each patient. Specially designed for irregular areas of the jaw by a boarding from the inside of the mouth. Ref. 5350042

Oral Intracavitary Electrode (OIE) *** Electrode designed for the treatment of mucous and soft and irregular tissues of the mouth. Its application is made with a disposable hygienic cover for each patient. Specially designed for irregular areas of the cheek, tongue and approach from inside the mouth of the TMJ. Ref. 5350041

Articular Intracavitary Electrode (AIE) *** Electrode designed for the treatment of the temporomandibular articulation from the inside of the mouth. Its application is made with a disposable hygienic cover for each patient. Specially designed to concentrate energy in the articulation. Ref. 5350043

Global Innovation in the treatment of Intraoral & Extraoral TMJ

Oral Intracavitary Electrode (OIE)***
Pain and flexibilización de la mucosa

Dental Intracavitary Electrode (DIE)
Dental vascularisation

Articular Intracavitary Electrode (AIE)***
Mandibular condyle and TMJ

Capacitive and resistive electrode
Bruxism

Thermography shows the thermal effect

Increasing the endogenous temperature generated by the CAPENERGY devices provides extensive benefits in the dental and periodontal area. The local and controlled effect that the **C500-Intraoral** device has on the oral tissue offers multiple benefits to the patient. These range from a simple biostimulation achieved through an athermic effect, vascularisation which can activate the drainage process and a strong vascular thermal effect that activates the regeneration capacity of the damaged tissue.

In the oral and maxillofacial area, these effects have multiple applications for the treatment of oral post-oncological pain, postoperative pain, bruxism, TMJ dysfunction and any regenerative or stimulation process. All of these are disorders of the dental, joint and muscular area.