acrylic, locator, bar, cantilevered. The literature review is cross retrospective using quantitative and qualitative data.

Results and Conclusions: With the limitations of this study and the need for further evidence extracted as conclusions:

1. The need to assess patient personal factors: sex, power, approves arcade and expectations.
2. Distal portion of the posterior implants to the midline chin suffer greater stress load transmitted.
3. Option 4 implants placed in saltire offers better bio-mechanical performance.

- Oral Presentation 42

TITLE: Laser bioestimulation in the treatment of osteonecrosis associated with bisphosphonates

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Introduction: exposure of necrotic maxillary or mandibular bone in patients treated with bisphosphonates is increasingly becoming a reason for dental consultation. Bisphosphonates act on osteoclasts inhibiting their chemotaxis, shortening their average life and inducing apoptosis. As a result, bone resorption stops.

Currently, we have a wide range of therapeutic options for the treatment of bisphosphonate-induced osteonecrosis, being the laser therapy a simple, effective and well documented technique.

Aim: To review the laser therapy as a treatment for bisphosphonate-induced osteonecrosis and to assess its effects.

Material and Methods: A bibliographic research was made in Pubmed database, using the following key words: bisphosphonates, osteonecrosis, osteonecrosis treatment, laser therapy. Among the reviewed articles, we include only the ones published in the last ten years.

Results: Many studies about bone biostimulation have shown the high effectiveness of He-Ne, Er:YAG and infrared diode lasers, among others. The authors agree that the application of a low intensity laser has a biostimulating effect on the reparative process, increasing the inorganic matrix of bone and the mitotic activity of osteoblasts leading to a significant improvement in clinical parameters.

Conclusions: Laser surgery is emerging as a valid therapeutic option for the osteonecrosis treatment and allows a minimally invasive approach in the early stages of the disease. More controlled clinical trials are required, in order to ensure a suitable treatment protocol for the patient.

- Oral Presentation 43

TITLE: Bisphosphonates & Dental implant, success or failure? Bibliographic review, survey and cases presentation

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Objective: Evaluate Implants treatment on Bisphosphonate treated patients criteria, such as clinic experience, convergence and divergence between what is reported on and the specialist interviewed.

Material and Method: A bibliographic review was made, searching in odontological and medical data base such as: Pubmed, Medline and Scielo, using as key words: Dental Implants, Bisphosphonates, Osseointegration, BRONM, only articles published after 2005 were included.

A Survey was conducted to specialist about: Dental Implants on Bisphosphonates treated patients and all the data was subject of statistic analysis.

We present 3 clinical cases of patients treated with Bisphosphonates, who a CTX analysis were conducted to establish the surgical risk of and implants treatment.

Findings: Most Articles consulted concludes that implant Osseointegration are not diminish by Bisphosphonate treatment, and no difference were found in the implant lost rate of this patients and the control patients.

The Survey indicates that 51% of the specialist place implants on Medicated patients, the 49% don't Agree on the use of that kind of treatment, there is a controversy referring treatments protocol and surgical risk determination, never the less the 71% agree about drug holidays as first option. The 22% of the participants don't Know CTX test, and the 51% consider that this test is not 100% Accurate.

Conclusion: Even though the specialized literature concludes that implant Osseointegration are not diminish by Bisphosphonate treatment, there is a real controversy