

3 rd CED-NOF Joint Meeting September 12-15 1996 Berlin

Abs. N° Clinical evaluation of new functional prosthesis for TMJ pain. S. SCENNA, G. ROVERE*, M. CORIGLIANO, A. PIATTELLI. (CHIETI Dental School, Italy).

Introduction

the problem of the pain in the region of the TMJ dresses again a notable importance in clinical field for a long time.

For compensate the possible articular discords and, subsequently intervene effectively on the dental arcades, they are used different diagnostics and therapeutic means like: bites, plates, etc.

We with our experimentation have wanted to appraise the possibility of recover the patients from the articular pain, with the use of a new device called MIOSET (AR.TE.MA., Alessandria, Italy).

This appliance, it is currently very diffused in sporting circle,

it has a rubbery consistence of around 25-30 Shore and it doesn't have no device of retention. This allows, with a sufficient sinking of the teeth, during the phase of [deglutizione], of avoid that the dental cuspid meet other rigid surface that could represent workers or balancers pre-contact during this function

objective

to evaluate the possibility to use the MIOSET always before to take care of patient with TMJ pin

Materials and methods

Treatises for this experimentation have stayed 450 patients (311 female, 138 males) sufferings of pains to the TMJ.

The age was inclusive between 18 and 65 years (middle age 37 years).

The MIOSET has stayed prone from all the patients the first week for 2 hours three times to the day.

Subsequently the period has stayed increased to all night long and to three daily series of 2-3 hours.

The patients have stayed checked to 15, 30, 90, 180 days. For the control of the pain we used the pain analog scale and Biopak (Bioresarch, Milewaukee, USA).

The results have stayed judged:

- a) Good, when there was an a compete disappearance of the sinns and of the symptoms
- b) Sufficient, when it was remarvable a meaningful remission of the symptoms
- c) Bad, when they didn't stand up again variations of the initial symptomatology.

Results and Conclusion

The results of the our study were as follows:

- after 15 days of treatment: 33% of the patients were in category a
60% in category b
7% in category c

- after 30 days of treatment: 42% of the patients were in category a
29% in category b
12% in category c
- after 180 days of treatment: 63% of the patientes were in category a
25% in category b
12% in category c.

The possibility that offers the MIOSET to the neuromuscular system to reset itself quickly according to the necessity of the organism, and therefore to replace the components in a postural correct position, it allows to effect a rapid clinical diagnosis individualizing immediately what they are the causes of the problems of the patient.

Is in fact sufficient, in average, 15 minutes for eliminate the articular click and the compressions, while needs any days for the headache.

These preliminary results could point to the fact that this prosthesis could be useful in the treatment of TMJ pain.