Akademie für Zahnärztliche Fortbildung Karlsruhe

Case Presentation

Severe Periodontitis – Implants as adjunct to a tooth preservation concept

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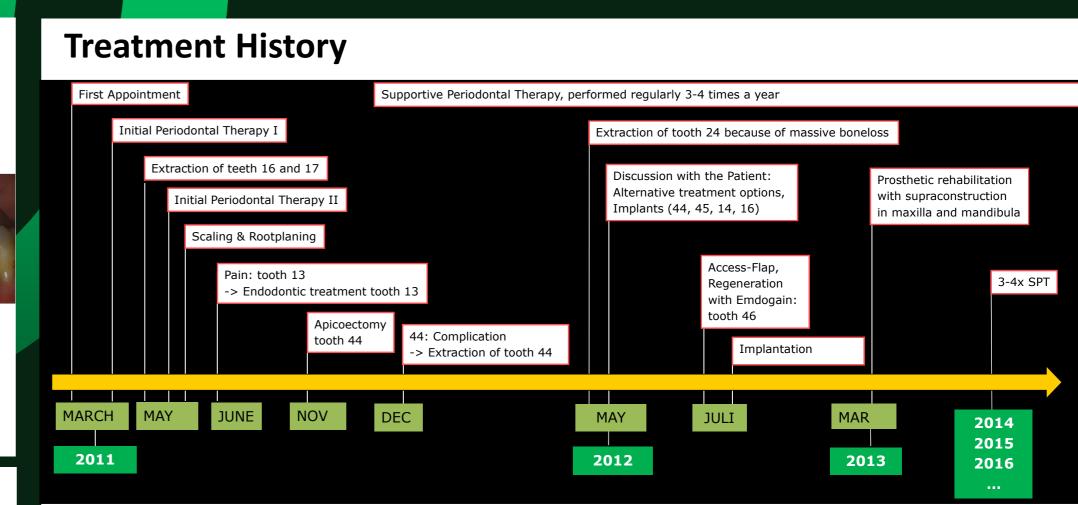
Anamnesis

The 59-year-old patient, systemically healthy, non-smoker, sought advice asking for therapy and prosthetic rehabilitation. Removable prostheses had to be avoided.

His wish was to maintain as many teeth as possible in order to keep the masticatory function.

Clincal Evidence

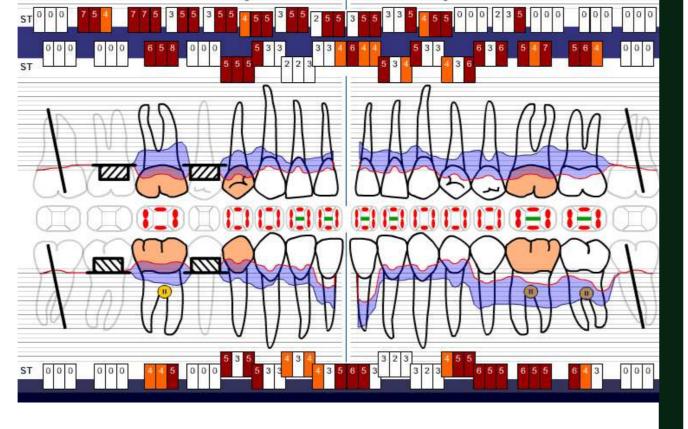
Clinically he showed massive attachment loss and multiple severe recession defects in the upper incisors. Combined with the bone loss for many patients this fact would be an esthetic issue. For our Patient esthetic aspects were not primarily to be considered.



Treatment was carried out from March 2011 until June 2013 with a concept focussing on tooth preservation. Until now Supportive Periodontal Therapy is performed regularly every three to four months in order to maintain teeth and implants.

Periodontal Chart 13.04.2011:

- Generalized elevated pocket depths in maxilla and mandibula up to 8mm
- Mobility of the teeth up to grade II
- Furcation Involvement: teeth 16, 17, 36, 37 and 46
- Generalized attachment loss
- Bone loss
- Generalized bleeding on probing



Orthopantomogramm 24.03.2011:

- Severe horizontal and vertical boneloss up to the apical third of the root
- Prosthetic insufficent therapy
- Periapical lesion tooth 44

Diagnosis generalized severe



Karlsruhe Therapieplanung K K K K Plan3 TV TV TV E E Plan2 K K K K Plan2 Plan1 K K K K K Plan1

Results

Periodontal Chart 13.01.2016:

- Stable periodontal situation
- Exemplary compliance of our patient: SPT every 4 months

Both functionally and esthetically satisfying prosthtic rehabilitation for our patient.

Orthopanthomogramm 13.01.2016:

- St. p. sinus elevation maxialla left and augmentation mandibula right (Dr. M. Korsch, Karlsruhe)
- Implants with supraconstruction regio 44-45 and 24-26

Discussion

Even in patients with a history of periodontitis, implants can be placed and maintained. Results can be both functionally and esthetically satisfactory for patients with a distal free-end edentulism in a compromised dentition and periodontium with massive attachment loss. Pleasant consequences are amongst others the optimized chewing comfort and a better quality of life for our patients.





chronic periodontitis

Therapy Plan

For treatment planning, clinical decision making and patient's consultation a therapy plan document was provided. It contains every clinical evidence relevant for the intented treatment options such as prosthetic conditions, presence of tooth vitality, pocket depths, BOP and Plaque. Furthermore it is a tool for classifiying tooth preservation and esthetic issues. In the quintessence three possible prosthetic options can be provided for every patient.

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