Discussion: After deciding to treat the left mandible with several implant insertions and taking into consideration the age and request of the patient, the following treatment options were discussed, reflecting orthodontic therapy: 1. Aligning 43 orthodontically after extraction of 42. 2. Extraction of 43. 3. Extraction of 42 and 43 and insertion of an implant in region 43.

Conclusions: Approaching elderly patients by using complex combined treatments to maintain a higher quality of life by re-establishing the oromaxillofacial system is nowadays possible and more often demanded. Preventive aspects and improvement of aesthetics are clear benefits of these combined treatment approaches. In the complex therapy of severe anomalies are implant treatments able to support orthodontic tooth movements (skeletal anchorage) but also vice versa. Accordingly, orthodontic therapy has to be included in the planning of an implant treatment, even in elderly patients.