

ORTHODONTIC TREATMENT WITH GNI ORTHO SMART ANCHOR IZ-SCREW

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Dr. Artsemi Khomich presents the clinical case of IZ-screws application in orthodontic treatment as follows:

1. Patient information

Female, 28 years old

2. Status at the time of consultation

Dental crowding, malocclusion, gummy smile, displacement of the lower jaw distally and to the left

3. Patient requirements

Cosmetic and chewing function improvement

4. Methods of diagnosis

Clinical diagnosis, CBCT, lateral cephalometry

5. Results of diagnosis

Distal bite, deep bite, skeletal maxillary constriction

6. Treatment plan:

1. Distalization of the lateral group of teeth in the upper jaw.
2. Correction of the position of the lower jaw, normalization of the incisal overlap and occlusal contacts.
3. Install Stainless Steel IZ-screws 17 mm long and 2.4 mm in diameter into the subzygomatic ridge of the upper jaw on both sides. Model number used: SA2417I, by GNI ORTHO. GNI ORTHO is South Korean company, which produces brackets and different kinds of orthodontic appliances.
4. Install 1 titanium mini-screw of the same brand (GNI Ortho) into the palatal part of the upper jaw from the 8th month (one side). Model no: SA1608

7. Treatment period

1. 18 Months
2. Stainless Steel IZ-screw SA2417I from 3rd month, for 8 months.

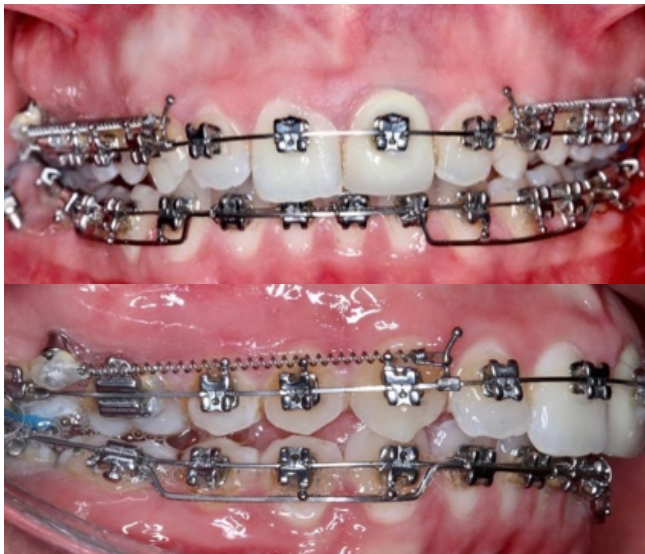
8. Conclusions during the treatment

1. The patient had no complaints and felt comfortable during all treatment period
2. For me as a doctor it was very convenient to work with GNI Ortho IZ-screws because they are can be easily screwed to the bone and have a good quality and design.

Figure 1. Before the treatment



Figure 2. 6 months since the beginning of treatment



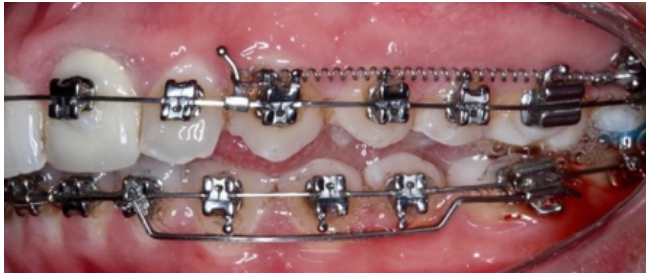


Figure 3. 11 months after beginning of treatment

