

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, 38 years old

2. Status at the time of consultation

Dental crowding, malocclusion, displacement of the lower jaw distally and to the right

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

6. Treatment plan

1. Distalization of the lateral group of teeth on the upper jaw.
2. Normalization of the position of the lower jaw, incisal 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.

7. Treatment period

1. 18 months.
2. IZ screw SA2417I Stainless Steel use from the 3 months, and use for 10 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 can be easily screwed to the bone and have a good quality and design.

Figure 1. 4 months since the beginning of treatment



Figure 2. 11 months since the beginning of treatment

