

## 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**

Male, 25 years old

**2. Status at the time of consultation**

Dental crowding, malocclusion, mesial displacement of the mandible

**3. Patient requirements**

Cosmetic and chewing function improvement

**4. Methods of diagnosis**

Clinical diagnosis, CBCT, lateral cephalometry

**5. Results of diagnosis**

Distal bite, skeletal maxillary constriction

**6. Treatment plan**

1. Distalization of the lateral group of teeth in the upper jaw.
2. Elimination of the mesial inclination of the lateral group of teeth in the lower jaw.
3. Normalization of the position of the lower jaw and incisal overlap.
4. 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. In process.
2. Stainless Steel IZ-screw SA2417I from the 3rd 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.** 5 months since the beginning of treatment

