

ORTHODONTIC TREATMENT WITH GNI ORTHO SMART ANCHOR IZ-SCREW

© Dr. Artsemi Khomich

- *Graduated from Dental faculty of Belarussian State Medical University at Minsk*
- *Expert in "Rapid maxillary expansion"*
- *PhD thesis on Rapid maxillary expansion with bone-borne appliances*
- *Work at Department of orthodontics of Belarussian State Medical University*



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

1. Patient information

Female, 18 years old

2. Status at the time of consultation

Dental crowding, malocclusion, gummy smile, distal position 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, deep bite

6. Treatment plan

1. Distalization of the lateral group of teeth in the upper jaw on the right.
2. Normalization of the incisor overlap, the position of the lower jaw 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. In process.
2. Stainless Steel IZ-screw SA2417I from the 4th month.

Figure 1. Before the treatment



Figure 2. 9 months since the beginning of treatment

