

ORTHODONTIC TREATMENT WITH GNI ORTHO SMART ANCHOR IZ-SCREW

© Dr. Aleksandr Matusevich

- *Graduated from Dental faculty of Belarussian State Medical University at Minsk*
- *Work at Department of orthodontics of Belarussian State Medical University*



Dr. Aleksandr Matusevich 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, vestibular position of teeth 1.3 and 2.3, displacement of the lower jaw 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, skeletal maxillary constriction

6. Treatment plan

1. Distalization of the lateral group of teeth in the upper jaw, normalization of the position of the lower jaw, incisor overlap, occlusal contacts.
2. Stainless steel IZ-screws 14 mm long and 2 mm in diameter to be installed into the subzygomatic ridge of the upper jaw on both sides. Model number SA-2014I by GNI ORTHO to be used.

7. Treatment period

1. 15 month.
2. IZ screw SA2014I from 4th month. Duration: 9 months.

8. Conclusions about the product

1. For the patient the entire period of using the IZ-screw was comfortable and without complaints.
2. I, as a doctor, noticed a good design, integration and stability of the screw under load, resistance to deformation. It proved to be of excellent quality throughout the treatment.

Image 1. Before the treatment



Image 2. 9th month of the treatment



Image 3. After the treatment

