



Anton Gerasimov

Assist.Prof. M.D. Ph.D.

The country's most innovative oral implant surgeon. During his 17-year practice in Russia and Switzerland, Dr. Gerasimov has developed and put into practice a number of unique technologies and techniques in dentistry and maxillofacial and plastic surgery. He is the founder of Molaris, a company that has been working successfully in the medical innovation market for over 10 years. He is also an expert in implant surgery, sinus augmentation, and the diagnosis and planning of complex surgical procedures on the facial skeleton and neurocranium.

INNOVATIVE PRODUCTS

- [3D dental microscope enabling augmented reality-assisted surgery and online broadcasting](#)

The microscope sends a direct-view 3D image of the surgical field to VR glasses. This improves operative accuracy and expands surgical opportunities for the clinician. And online broadcasting means that several specialists from different regions and countries can take part in the surgical procedure.

- [The Safe Sinus Lift preoperative preparation technique](#)

The Safe Sinus Graft preoperative preparation technique developed by Dr. Gerasimov significantly improves the safety and quality of bone augmentation after decongestant therapy.

- [Customized surgical guides](#)

Surgical Innovations Ltd, a company founded by Dr. Gerasimov, was the first in Russia to develop and introduce navigation guides for dental implant placement. This technique helps to predict and achieve the precise placement of dental implants, avoiding complications and speeding up the surgery. A guide is custom-made using computed tomography and 3D modeling. This technique has dramatically boosted surgical accuracy and efficacy, and is now employed in nearly all dental clinics in Moscow, Saint Petersburg, and other regions of the country.

- [Customized implants](#)

Anton Gerasimov's company Molaris is currently the only Russian company that designs customized implants used not only in dentistry, but also for restoring facial and maxillofacial symmetry, for repairing post-traumatic defects, and in plastic surgery and neurosurgery.

- **Guided surgery**

Molaris is the only company in Russia that creates special markings that enable more accurate use of navigation equipment in maxillofacial surgery. This objective is achieved through preliminary planning of the intervention and digital marking of CT images, so that both the current status of the patient and the goal to be reached can be seen when using the navigation equipment.

INNOVATIONS IN EDUCATION

Anton Gerasimov holds a PhD in medicine; he is Assist. Prof. at the Department of Oral and Maxillofacial Surgery of the Saint Petersburg Pavlov University. His unique courses in sinus augmentation and implant surgery are attended by over 300 clinicians from all over Russia every year.

Anton was the initiator of a new educational format, interactive lectures with online voting and 3D broadcasting on a movie screen. In his opinion, this approach to training should become a normal practice within ten years.

The world's first educational 3D movie for dentists, "5 Questions about Sinus Augmentation", which Anton filmed and edited on his own for screening in movie theaters, was released in 2018. A total of over 250 surgery videos from the author's archive were used for this film; more than 300 hours of raw footage and 500 CT scans were analyzed. The 3D images give the effect of deeper immersion, and a clearly defined plot holds the viewer's attention throughout the film. Dr. Gerasimov also created the video recording system on his own.

Dr. Gerasimov also organizes and conducts interviews with internationally renowned experts in implant surgery and sinus augmentation, and translates and dubs foreign educational films in the field of dentistry that were previously unavailable to Russian audiences.

- IAUSI Ambassador in Russian Federation
- *Member of the European Association for Cranio-Maxillo-Facial Surgery*
- Speaker at major industry events in Russia and Europe
- Dr. Gerasimov has been contacted over two thousand times for consultation and treatment planning by clinicians from Moscow, Saint Petersburg, and other regions of the country.

SPEAKER AT EVENTS

- Congress of the European Association for Cranio-Maxillo-Facial Surgery
- Congress of the European Federation of Societies for Microsurgery
- Saint Petersburg International Innovation Forum
- Dental Expo and more

AREAS OF EXPERTISE

- Dentistry, implant surgery, sinus augmentation. Diagnosis and planning of complex surgical interventions on the facial skeleton and neurocranium
- Specific aspects of the introduction and development of innovations in Russian medicine
- Application of AR and VR technologies in medicine and dentistry
- IT technologies in dentistry and general medicine
- Innovative business in the field of medicine
- Russian dental market
- Higher and postgraduate medical education in Russia and abroad, innovations in education

SELECTED PUBLICATION

ЛАЙФХАКЕР

What technologies will change our perception of dental visits

VC.RU

“Smartwatches were just made for dentists”: how modern gadgets are used in implant surgery

SHAPE

5 things you didn't know about implants

dp.ru

An operating room startup

woman's day

What a dentist will never consent to in a dentist's chair

Луза

5 things you didn't know about dental health

КП
КОМСОМЛЬСКАЯ
ПРАВДА

Charity event “Give a smile to those close to you!”

The “sad face”, or how a removable denture affects our health

SOCIAL NETWORKS



IMPLANT SURGEON'S BLOG©

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