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Implantology Courses
on Fresh Human Cadavers



Advanced Techniques in Dental Bone Surgery

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DrVesta.com
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**Knightsbridge
Academy**

Dental & Medical
Trainings





Academy

We are all aware that graduating from dental or medical school with knowledge followed by years of experience is no longer valid for success without continuing education.

As the speed of information Increases and artificial intelligence progresses all dentists will find it necessary to adapt to this new era by staying relevant with continuing postgraduate education or they will be left behind due to outdated knowledge and skills. The education gap post graduation has already left some dentist struggling to stay competitive in the new world of dentistry.

The need for lifelong learning and education is exactly why Vesta was developed providing

doctors with a reliable and safe channel for life long education. VESTA was created by Vestiyer publishing group, offering a variety of training on dental and para-dental fields for dentist and their team members.

VESTA is the undisputed leader in Turkey and expresses their mission with this sentence: *Better dentistry and medicine through lifelong postgraduate education.*

We thank you for your kind interest and trust.





About

Vestiyer Publishing Group has been in the service of dentistry for over a quarter century. In 2005, we decided to create a unit which operates post graduate dental education focused activities within the Vestiyer Publishing Group.

For this new unit, we decided to use the name “VESTA” which is combination of “VEST” from Vestiyer and “A” from Academy.

VESTA held the first training in 2006. VESTA backed by Vestiyer Publishing Group’s experience begin to grow rapidly in a very short time introducing international trainings which drew great interest of dentist worldwide.

VESTA has conducted hundreds of training seminars and conferences for dentists and their assistants. Thousands of participants from Turkey and all over the world preferred VESTA to improve, update and strengthen their education.

VESTA holds trainings throughout Turkey in major cities such as Istanbul, Ankara, Izmir, and Mersin. VESTA has become an international pioneer organizing exclusive trainings for dentists in cities throughout the world including London, Vienna, Los Angeles, Zürich, Las Vegas and Lefkosa to name just a few.



Advanced Techniques in Dental Bone Surgery

Abstract	6 Different methods about hard tissue reconstructions in atrophic and/or resorbed jaws and horizontal and vertical bone augmentations will be approached in detail.
Venue	IDEA Research & Development and Education Center
Faculty	Assoc. Prof. Dr. Ezher Dayısoylu Assoc. Prof. Dr. Seda Özturan
Educational Director	Dr. Mustafa Bekerecioğlu
Operational Director	İlhan Köse
Duration	14 Hours (7 Hours x 2 Days)
CPD	14 Hours awarded
Teaching Method	Theoretical Lessons Live demonstrations on fresh human cadavers Hands-on practice on fresh human cadavers (not embalmed) Handouts
Language	English



Advanced Techniques in Dental Bone Surgery

From past to present, among the treatments towards replacing the missing teeth, the most successful and the most approved treatment by the patients has been dental implant. However, most of the time patients delay consulting to a doctor for their treatments. Implant application, which is extremely comfortable and easy, may turn into a very challenging test.

Treatment of resorbed jaws necessitates advanced knowledge and skill. The success in regenerative treatments gets through the augmentations carried out with the autogenous grafting techniques. In point of the fact that augmentation is depends on the skill of the physician.

During dentistry education, physicians do not have the chance to learn the advanced surgical techniques and this subject requires majoring. The best choice for the physicians who both have the manual skills and advanced in terms of knowledge and background and who wish to perform more intricate operations is to learn by performing the relevant surgical operations on the cadavers.

In Turkey, VESTA, the unarguable leader and the pioneer of cadaver applied training, designed the Course of the Advanced Techniques in Dental Bone Surgery to provide the knowledge and experience about this subject to the physicians.

The training which will be delivered by Assoc. Prof. Dr. Ezher Dayısoylu and Assoc. Prof. Dr. Seda Özturan, two experienced instructors who have international academic experience, will be performed practically on fresh human cadavers.



Advanced Techniques in Dental Bone Surgery



Listen

Participants of Advanced Techniques in Dental Bone Surgery Course are firstly going to listen the 6 different surgical operations which require specific knowledge and experience each. Presentations on the screen will support them to understand.

Watch

Each surgical procedure that is taught theoretically is going to be performed on the master cadaver by the instructors and participants are going to watch it on their screens.

Perform

Then, all participants will gain the experience by performing the operation as mentioned on cadavers that assigned to them. Lecturers will observe and support them during this period.

Learning Content

Throughout the course, participants are going to receive a very intense theoretical and practical education. In this two-day education period, participants are going to be taught primarily about the correct diagnosis and treatment protocol, and then post treatment, harvesting block bone for the treatment, fixation and occluding the treated area with the soft tissue after augmentation. All of the operations are going to be demonstrated practically.

In training, 6 different methods about hard tissue reconstructions in atrophic and/or resorbed jaws both horizontal and vertical bone augmentations will be approached in detail.

1- Crest Expansion (Ridge Split), Vascular Bone Flap (Island Flap)

Alveolar crest split is a technique which is used effectively to increase especially the alveolar bone volume buccolingually. Alveolar bone osteotomy is performed according to the principle of expanding the bone segments after horizontally performed osteotomies in the bone.

2. Interpositional Graft

The technique is based on interposing a bone graft between osteotomized bony segments, which act as a “sandwich,” offering good vasculature to both the segment and the graft and resulting in less bone resorption compared to the other methods.

Therefore a stable and predictable bone volume can be achieved.

3. Khoury Technique

Nowadays, the mandibular autogenous bone grafts, which are taken from the external oblique back part, are used often and successfully for alveolar augmentation by splitting into cortical layers.

4. Bone Ring Technique

In only one surgical operation, while increasing the height of the bone (vertical), extension (horizontal) is also obtained.

Learning Content

5. Nerve Lateralization

Because of the risk of damaging the Inferior Alveolar Nerve (IAN), bone resorption in the mandibular alveolar crests is one of the most important problems encountered in the advanced implant surgery. Transposition and lateralization of IAN for the implant replacement is an effective way to increase the vertical bone height.

6. Nasal Floor Elevation

Nasal floor elevation technique could serve as an option for bone augmentation to enable dental implant placement in the significantly atrophic anterior maxillary region with increased implant stability due to the its bicortical support.

Learning Outcomes

- By learning the conditions of ideal implant replacement, performing implant without hesitation on the vertical and horizontal bone augmentations
- Obtaining adequate practical and theoretical information with reference to consulting to which treatment modalities in which situations
- Reaching adequate practical and theoretical information about autogenous grafting and implementation
- Understanding the complications during these treatments and acquiring the ability of coping up with these complications.

Advanced Techniques in Dental Bone Surgery



- The anatomy of extreme resorbed jaws and teaching the techniques that will be applied in the reconstructions
- Giving information about augmentation of the defected areas for the implant application
- Displaying referable techniques in the daily practice to the participants on the cadaver
- At least harvesting one block bone and fixating it to the defected areas
- Implant insertion with the ring method
- Description the soft tissue manipulations that will be needed during the bone surgery

Learning Objectives

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