

Prof. Dr. Korkud Demirel

Prof. Dr. A. Burak Çankaya

sutures

materials, instruments and techniques



Sutures: materials, instruments and techniques

By Prof. Korkud Demirel, DDS and Prof. Burak Çankaya, DDS.



SUMMARY



Topic:

The Art of Dental Suturing - Join this course to deepen your knowledge about different suture technique and to get a professional understanding of materials and instruments.



Objectives:

- Reach predictable and durable wound healing
- Select the proper threads, needles, knots and hand instruments
- Understand the clinical consequences of wound healing
- Understand why to choose a particular type of suture and how to do it
- Discover how to avoid the biggest suturing mistakes
- Suture and stabilize grafts or blood clots
- The biology behind the suture
- How to pick the right needle size and shape for every different case
- The tips&tricks of different suturing modalities
- Instruments and materials to optimize wound healing



About the author:

- Associate Professor since 2002, Korkud Demirel, DDS is a renowned expert in the clinical field of aesthetic periodontal treatment, dental implants, bone regeneration and gingival diseases. He was awarded Honorary Professor by the Ukrainian Academy of Post-graduated Education in 2018.

-Professor Burak Çankaya, DDS is a member of the Turkish Association of Oral and Maxillofacial Surgery who's mainly interested in impacted tooth surgery, dental traumatology, dental implants and bone

LEVELS

Difficulty ●●●
Theory ●●●●●
Practice ●●●

KEY INFO



English



On Demand



Suture



2h 30min



4 theoretical video lectures



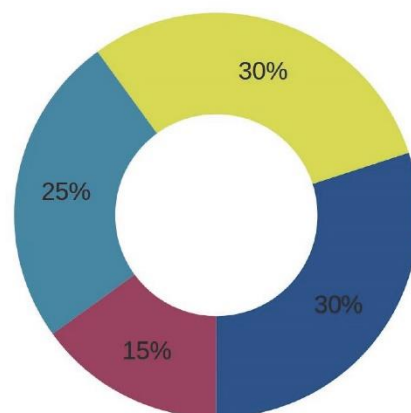
Clinical

No



NO

SKILLS YOU WILL LEARN



■ Suture Materials ■ Suture Technique
■ Wound Closure ■ Assisting Sutures



Description of the course:

Prof. Korkud **Demirel**, DDS, and Prof. Burak **Çankaya**, DDS, welcome you to “**Suture: materials, instruments and techniques**”, the video course made in partnership with **osteocom** that aims to show participants how to perform the best possible sutures for every clinical case.

Participants will discover that sutures **aren't only useful for wound healing** but also help clinicians to **enhance their working conditions** and reach clinical goals such as **flap adaptation, membrane fixation** or **graft positioning**.

With the help of illustrative **3D animation** and graphics, lecturers explain how to **perform sutures** step by step and share **tips and tricks** about how to select the proper **instruments and materials**.

Join Professors Demirel and Çankaya and **start suturing like a pro!**

Main topics covered in this course:

- **Instruments** and **materials** to optimize wound healing
- Different **suturing modalities**: tips and tricks
- The **necessary techniques** to ensure the best possible wound healing
- The **biology** behind suture
- How to pick the right **needle size** and for every case

At the end of this course you will be able to:

- Reach **predictable** and **durable wound healing**
- Select the proper **threads, needles, knots and hand instruments**
- Understand the **clinical consequences** of wound healing
- Understand why to **choose** a particular type of suture and **how to do it**
- Discover how to **avoid** the biggest **suturing mistakes**
- Suture and **stabilize grafts** or **blood clots**

Who the course is for:

This course is recommended to all **dental professionals** who wish to **improve their suturing skills**. **Young professionals** will acquire a **theoretical-practical** background on the different suturing techniques, while more **experienced dentists** will update their knowledge of the **latest innovations** in **suturing techniques** and **materials**.

The course includes:

This **2 hour and 30-minute** course is divided into **4 theoretical video lectures** that you can view by accessing your personal course area, from any device.

You will be able to download with time limits the lectures from the osteocom app available from iOS and Android.



Video Lectures:

Video Lecture 1 - Suture materials and instruments (45min) - Prof. Burak Çankaya

Description:

In this first video lecture, Dr. Çankaya discusses about the **incision lines** that **may affect wound healing** and analyses the **systemic** and **local factors** that may **lead to delays** in the healing process, such as the surface **angle of incision** or the **removal of foreign bodies**.

In the second part of this presentation, **suture materials** are discussed, paying particular attention to their **biological** and **structural characteristics**.

In particular, this lecture focuses on the following topics:

- **Physiology of wound healing** (primary, secondary and tertiary wound healing)
- Which **incision lines** do clinicians have **to avoid**?
- A focus on the **canine zone**, a very **thin** and **fragile** area
- **Systemic** and **local factors** that may affect the healing
- **Suture materials** and their **classification**: threads, needles, knots and hand instruments
- How to read the **suture label**?

Video Lecture 2 - Types of suturing techniques (37min) - Prof. Korkud Demirel

Description:

Prof. Demirel explains participants that one of the suture's goals is to let tissues heal in a proper and predictable way. The lecturer provides participants with useful advice regarding how to preserve the integrity of the periodontal tissues while doing sutures to close wounds and advance flaps.

In particular, this lecture focuses on the following topics:

- Suture for **wound closure** and **flap advancement**
- Why you should **never combine closure sutures** with **advancement** sutures
- How to create the optimal conditions to let tissues heal in the best and fastest way
- The key elements of continuous locking suture

Video Lecture 3 - Suture for special needs (45min) - Prof. Korkud Demirel

Description:

After presenting in detail the required protocols to perform **sutures** for **wound healing**, Prof. Demirel discusses the sutures used to achieve other **clinical goals** such as the **improvement** of **soft tissue graft's adaptation**, the **simplification** of the **soft tissue graft positioning**. Finally, the **key features** of **membrane fixation sutures** are illustrated.

In particular, this lecture focuses on the following topics:

- The proper **sutures** to **improve** the **adaptation** of soft tissue graft
- Soft tissue graft **positioning**
- Suture for **fixation** of the **augmentation membrane** to palatal tissue
- **Double-cross suture** for **tunnel procedure** with graft positioning

Video Lecture 4 - Assisting sutures (22min) - Prof. Burak Çankaya

Description:

According to Prof. Burak **Çankaya**, an **assisting suture** is a type of suture that is performed by **the clinician to help himself** in different clinical situations and to **enhance his working condition**. Proper **materials** and **techniques** will be presented by the lecturer with the help of exemplifying **3D animation**.

In particular, this lecture focuses on the following topics:

- **Retraction sutures** to get a better view of the working site
- Assisting suture to **control the bleeding**
- How to **secure the clot** with a proper suture
- A focus on **decompression** and **securing sutures**



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Bio Autore:

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