

PATIENT INFORMATION  
**TOOTH OUT – WHAT’S NEXT?**

Extraction Sockets



# DENTAL TREATMENTS ARE A MATTER OF TRUST

## OUR EXPERIENCE AND EXPERTISE IS SOMETHING YOU CAN RELY ON

Over 10 million patients worldwide have been treated with Geistlich biomaterials. Let us share some facts with you about these products:

- › Geistlich products are scientifically proven top quality Swiss biomaterials.
- › Meticulous selection of raw materials, together with a strictly controlled manufacturing process, allows Geistlich biomaterials to conform to high safety requirements and ensures high tolerability.

## GEISTLICH BIOMATERIALS

- › Your worldwide no. 1 reference<sup>1,2</sup>
  - › Outstanding quality<sup>3,4</sup>
  - › Unique biofunctionality<sup>5-8</sup>
- › These natural biomaterials were evaluated in more than 1,000 studies from countries all over the world.
  - › The safety has been assessed by international and national authorities.

## WHY ARE PREVENTIVE MEASURES BENEFICIAL?

### SMILE AGAIN

Aesthetically pleasing outcomes & maintenance of healthy teeth.

### FLEXIBILITY

In the choice of the final dental prosthesis (implants, bridge restoration).

### STABLE OUTCOMES

Preventive procedures following tooth loss save you time and possible complications in the long-term by preventing further grafting procedures.<sup>9</sup>



**Without preventive measures**

Prof. Sculean (Berne, Switzerland)



**With preventive measures**

Dr. Coutinho Alves (Porto, Portugal)

# WHAT HAPPENS AFTER TOOTH REMOVAL?

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**Tooth removal**



**Following tooth removal**

The bone retains its shape as before tooth extraction (lines).

## Without preventive measures



Collapse of the socket over time due to natural resorption of the bone by the own body.



**Implant restoration**

Poor aesthetics with implant placement, due to significantly less bone volume.



**Bridge restoration**

Formation of an unattractive gap between the bridge and underlying gums.

## With preventive measures



Filling the socket with Geistlich biomaterials regenerates bone and so retains the volume and shape of the bone over time.



**Aesthetic outcome**

Preventive measures with Geistlich biomaterials allow flexibility in choosing the final restoration (implants / bridge restoration).

# GEISTLICH BIOMATERIALS

Human bone possesses the ability to regenerate, in other words, to rebuild missing bone. In most cases it still needs assistance through a scaffold which serves as a template. The natural Geistlich products support the body's own bone regeneration processes extremely effectively.



## GEISTLICH BIO-OSS® STABILIZES & SUPPORTS BONE REGENERATION

- › Providing a foundation for your body to regenerate bone.
- › Made from the mineral part of the bones originating from Australian and New Zealand cattle.
- › Swiss quality, refined through 30 years of experience.



## GEISTLICH BIO-GIDE® PROTECTS & SUPPORTS WOUND HEALING

- › Supports wound healing and provides a barrier for optimum regeneration of bone.
- › Made from collagen extracted from healthy pigs.
- › Swiss quality, refined through 20 years of experience.

### CHOICE

Your dentist will choose the appropriate material in order to achieve an optimum outcome.



## GEISTLICH MUCOGRAFT® SEAL FOR GUM REGENERATION

- › Seals the hole after tooth extraction and helps your body to regenerate your own gums.
- › Made from collagen extracted from healthy pigs.
- › Winner of the Swiss IHZ-Innovation Award 2014: first product developed specifically for gum regeneration.

# BACK TO A HEALTHY SMILE

Post-operative care is an area where you can contribute to the success of your procedure.

## DO'S

- › Maintain your oral hygiene and use antibacterial mouth wash as prescribed by your dentist.
  - › Treat swelling with moist-cold pads.
  - › Consult your dentist regarding pain.
  - › Make sure that you visit your dentist for a follow-up appointment.
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## DONT'S

- › Do not neglect your oral hygiene.
  - › Do not brush or floss at the site of surgery for 1 week after surgery. A toothbrush with especially soft bristles can usually be used for cleaning the teeth in the vicinity of the wound.
  - › Do not drink coffee or alcohol and do not smoke cigarettes for 2–3 days after surgery.
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Biomaterials from Geistlich Pharma AG are the most frequently used materials in regenerative dental medicine throughout the world:<sup>10</sup>

More than 10 million

**GEISTLICH BIO-OSS®**



More than 4.5 million

**GEISTLICH BIO-GIDE®**



More than 80,000

**GEISTLICH MUCOGRAFT®**



More than 24,000

**GEISTLICH MUCOGRAFT®  
SEAL**



#### Manufacturer

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#### References

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- 10 Based on the number of units currently sold. Data on file (Wolhusen, Switzerland)