

# KometaBio®

## THE GOLD STANDARD AUTOLOGOUS DENTIN DERIVED BONE GRAFT

Recycle your patient's own extracted teeth into the highest quality autologous bone graft.

### ABOUT KOMETABIO.

Developed in 2014, KometaBio is a protocol to convert extracted teeth into a best-in-class autologous bone graft material. With over 60 publications, you can be reassured as to the protocol's predictability and performance.

### WHY AUTOLOGOUS DENTIN?

The body immediately recognizes dentin grafts 'as its own' allowing healing faster than many alternative graft materials. Dentin offers a superior scaffold for clot stabilization and true osteoinductivity – just like autogenous bone without the trauma.

### FROM TOOTH TO AUTOLOGOUS GRAFT IN 8-MINUTES.



Prepare the tooth  
Clean & Dry



Convert the tooth to  
Particulates using the  
Smart Dentin Grinder



Press the Grind button  
(3 seconds)  
Then Sort (10 Seconds)  
Repeat until all  
particles are gone



Remove the drawers  
with the particulates  
and transfer to the  
mixing dish



Apply the Dentin  
Cleanser. Cover and  
let sit for 5-minutes



Apply the Dentin Wash  
(PBS) and let sit for 5-  
seconds, Repeat 2x

Click on image for video instructions.

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## FREQUENTLY ASKED QUESTIONS

### **How long does processing take?**

Around 8 minutes. Grinding and sieving is done with the **SMART DENTIN GRINDER** device. After extraction the processing can be done by the assistant.

### **How do you make sure the dentin graft is free of bacteria?**

The protocol utilizes highly effective liquids that eliminate organic tissue from the dentin. These liquids remove bacteria and toxins and buffer the particulate to normal pH level. Composite and fillings are removed prior to processing with a high-speed bur.

### **What else is great about dentin?**

It's easy. It will require very simple training for your assistants. Critically, your patients will be fully engaged making them receptive to implant discussions.

### **Does KometaBio save money?**

The cost per process is around £50. You can expect between 1-3cc's from each tooth. Dentin processed grafting reduces re-grafting, secondary resorptions, and delivers consistent and predictable results.

### **Are their risks in using KometaBio processed Dentin?**

No adverse reactions have been reported when following the protocol.

### **What are the indications for using dentin graft?**

Dentin graft is used for any graft site including GBR and Sinus Lift. The use of dentin graft is especially suited to post extraction socket grafting.

### **Can the tooth be stored and processed later?**

Yes. The tooth can be saved, cleaned, and stored for the lifetime of the patient. When ready for surgery the tooth is processed normally. [More here.](#)

### **Can excess graft be saved for a later use on the same patient?**

Yes. Left-over graft should be dried in the autoclave and stored at room temperature with an appropriate label. When ready for surgery the graft needs to be cleansed again using the liquids as was done originally.

### **Where can I find out more about using KometaBio Dentin Graft?**

[www.kometabio.com](http://www.kometabio.com)

[www.youtube.com/kometabio/videos](http://www.youtube.com/kometabio/videos)

[www.restore-surgical.co.uk/product-category/regen-store/bone-grafts/dentin-grafting/](http://www.restore-surgical.co.uk/product-category/regen-store/bone-grafts/dentin-grafting/)

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