

OS-Pure

Cancellous chips 1.5-10 mm
-1.8 g | approx. 10cc
-5.4 g | approx. 30cc

Cancellous chips 0.25-1.25 mm
-0.5 cc | in syringe
-1.0 cc | in syringe

Femoral head half or full
- 48 | 50 | 52 | 54 mm

Cancellous block
- 20x20x10 mm
- 25x15x10 mm

OS+Vanco

Cancellous chips 1.5-10 mm
+1.8 g | approx. 10 cc + **1.0 g Vancomycin**
+5.4 g | approx. 30 cc + **3.0 g Vancomycin**

Cancellous chips 0.25-1.25 mm
+0.4 g | approx. 0.5 cc + **1.0 g Vancomycin**
+0.8 g | approx. 1.0 cc + **3.0 g Vancomycin**

OS+Tobra

Cancellous chips 1.5-10 mm
+1.8 g | approx. 10 cc + **0.4 g Tobramycin**
+1.8 g | approx. 10 cc + **0.8 g Tobramycin**
+5.4 g | approx. 30 cc + **1,2 g Tobramycin**

Cancellous chips 0.25-1.25 mm
+0.4 g | approx. 0.5 cc + **0.09 g Tobramycin**
+0.8 g | approx. 1.0 cc + **0.18 g Tobramycin**

DBM

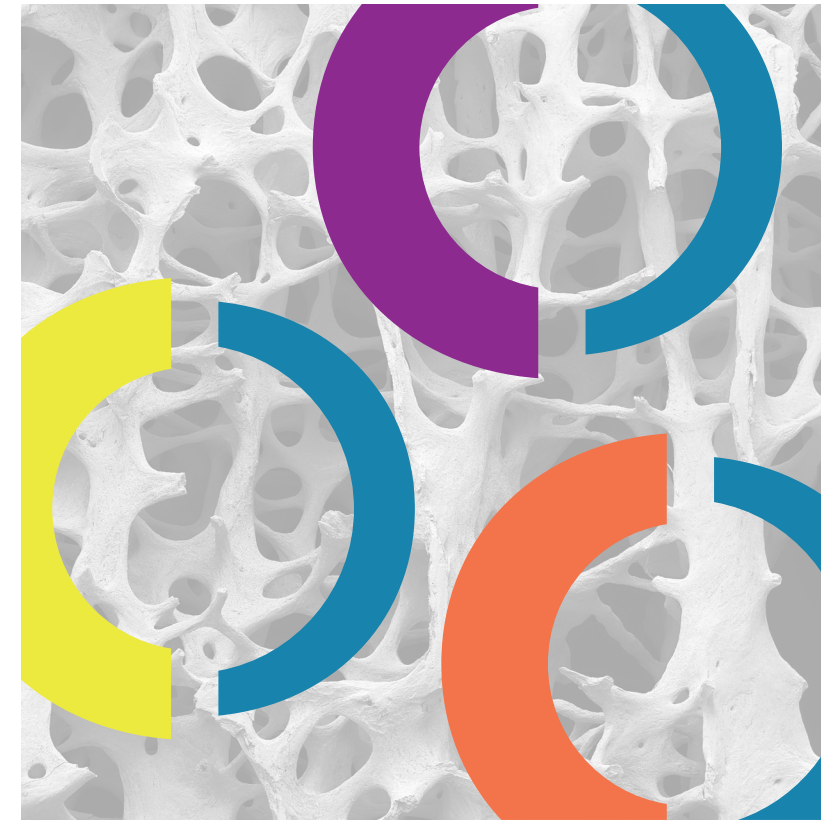
Demineralized Bone Matrix 0.15-0.85 mm | 5.0 cc

Why OS+Vanco | OS+Tobra is the first choice?

Effective strategies for preventing infections such as osteomyelitis, PJI and FRI are described in clinical literature. Our allografts guarantee the purest and safest quality. Purity matters. Only this enables the bone to be impregnated with antibiotics, which are transplanted with high bioavailability. This is a prerequisite for local, high-dose antibiotic release.

- OS +Vanco | OS +Tobra ensures prolonged antibiotic release above the MIC level for at least 42 days, thereby **preventing infection, reinfection, and biofilm** formation.
- OS +Vanco | OS +Tobra has **no adverse effects on renal function postoperatively**, even in patients with comorbidities.
- No White-Drainage** when using OS +Vanco | OS +Tobra.

Innovative bone regeneration



Bone Allografts with antibiotic impregnation

ECTB

EUROPEAN CELL AND TISSUE BANK
Österreichische Gewebekbank gemeinnütziger Verein

Tel.: +43 7242 44128-40

Mail: office@ectb.eu

Web: www.ectb.eu

MADE IN AUSTRIA

About ECTB

ECTB is based in Wels, **AUSTRIA**, and operates as a **NON-PROFIT assosiation ORGANISATION**. Its activities include in particular the procurement, storage, processing and distribution of bone tissue grafts for the purpose of implantation as well as the development of new procedures for the processing of tissue grafts.

The main aim of **ECTB** is to supply hospitals and dentists with high-quality tissue preparations with the highest possible product quality and safety.

The starting material for bone products are mainly femoral heads from austrian donor hospitals, which are exclusively available by ECTB and it's licenced partners.

ECTB's bone allografts: **15 years clinical experience** and **+12 000 cases**.

OS - Pure

Bone Allografts: High-quality bone matrix for a wide range of applications

Our bone allografts consist of cancellous bone material containing collagen and minerals. They are processed in accordance with strict EU guidelines and the Austrian Tissue Safety Act.

Through innovative processes such as the use of super-critical CO2 are used to ensure thorough purification and virus inactivation. The result is allografts that do not cause any immunological reactions, are non-toxic and can be excellently integrated into the bone. Handling is also very simple. In addition, the bone matrix is the starting material for the production of **OS+ Tobra** and **OS+ Vanco** and can be used for all types of bone defects.

Key benefits of ECTB allografts

	OS - Pure	OS+ Tobra	OS+ Vanco
Bone Graft Impacting			
No white drainage/white leakage			
May come into contact with soft tissue			
Highest concentration of antibiotics 10cc + 1.000mg Vancomycin 10cc + 800mg Tobramycin			
Osteoconductive			
No risk during application, e.g., premature/rapid curing			
Simple and easy application and combination (V + T), also with autografts			
Remodeling into bone			
No "Halo" effect (X-ray)			
High primary stability			
Product can also be used without the addition of antibiotics			
Can be impregnated intraoperatively with antibiotics of your choice			

OS + Tobra

OS + Vanco

As an experienced doctor, you are familiar with the prevention and treatment of bone infections, re-infections, and biofilms. You understand the challenges of **osteomyelitis, infected pseudoarthrosis, and antibiotic resistance**, as well as the **management of bone defects** and postoperative infections such as **PJI, FRI, and SSI**.

OS+Vanco/OS+Tobra offer the best possible solution for these indications with their exceptional capabilities. This is due to the high impregnation of the allografts with **vancomycin** or **tobramycin**.

Benefits

- antibioticly impregnated
- local
- elution above MIC-level
- highest purity

Local instead of systemic!

Compared to systemically administered antibiotics, the concentration of active ingredient directly on the implant can be significantly higher, which leads to considerably increased efficacy. **OS+ Tobra** and **OS+ Vanco** offer local protection for up to 42 days after application.

Local application of **OS+ Tobra** and **OS+ Vanco** reduces the risk of infection significantly and reduces the risk of antibiotic resistance compared to systemic antibiotics. This long-lasting protective effect is particularly advantageous for the prevention of post-operative complications and contributes significantly to the successful integration and lifespan of the implant.