

# Orthopaedic Range

Bone cements  
& Bone Substitutes

2023

- PMMA Bone cements for arthroplasty of hip, knee & shoulder
- Accessories
- Cement restrictors
- Bone Substitutes

MADE IN FRANCE

 **Teknimed**



Expertise & Quality

For over 30 years, Teknimed has been producing innovative and high-quality biomaterials and medical products. Our mission is to improve the quality of life for patients undergoing orthopedic, sports, and spine surgeries. Through its in-house manufacturing and strict quality control, Teknimed ensures that each product not only meets but exceeds performance and safety standards. This reflects its unwavering commitment to patient well-being. Teknimed's commitment to innovation extends beyond its products. Our Research and Development Department approach project management from a holistic perspective allowing Teknimed to gain a reputation for its ability to design and manufacture cutting-edge implants and their complementary systems. Surgeons can rely on Teknimed's expertise and diverse and comprehensive product lines to find the right solutions for their patients. Whether seeking innovative treatments or a range of reliable and high-quality products, Teknimed rises to the challenge with confidence. In a constantly changing market, Teknimed remains a trusted partner, always prioritizing quality to meet the high expectations of healthcare professionals.

Teknimed puts quality at the heart of the company's values to ensure its products performance and safety.

Our quality system has been certified since 1996; it is based on a strategy of continuous improvement and meets national and international requirements, particularly such as: Benchmark standards ISO 13485 and CFR 21 part 820, compliance with current regulations (particularly FDA and European Directive 93/42/EEC), audits by our notified body and by our customers, ANSM, ANVISA, KFDA, FDA – 21 CFR Part 820 inspections.

**You can have all your products under your brand name!**











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# Bone Cements

The **Cement Range** includes bone cements for primary arthroplasty surgeries and revision surgeries of infected prostheses.


- Self-hardening PMMA cements.
- Mechanical properties far above the ISO 5833 standard.
- Low monomer release.
- Rapid self-hardening solution to reduce prosthetic micromovements.
- Stable implant fixation.
- Barium sulfate, radiopaque agent.
- Easily prepared within a bowl & spatula or with vacuum mixing system.

PRODUCT	VISCOSITY	GENTAMICIN (local antibiotherapy for primary & revision surgery)	MIXING/INJECTION SYSTEM		ORDERING		REGISTRATION
			Bowl & Spatula	Vacuukit	Weight <small>*refer to IFU to get the precise weight</small>	References	
TEKCEM® 1	HIGH				40g	B040140	CE (class IIb)
TEKCEM® 1G	HIGH	G			40g*	B040140G	CE (class III)
TEKCEM® 3G MV	MEDIUM	G			40g*	B040341G	CE (class III)
TEKCEM® 3	LOW				40g	B040340	CE (class IIb)
TEKCEM® 3G	LOW	G			40g*	B040340G	CE (class III)

**GENTAMICIN**, issued from aminoglycosides family, has a broad spectrum and is effective against most bacteria encountered. The quantity of gentamicin contained in one dose has been optimised to guarantee a long term release and then prevent infections.

# Accessories

## Mixing & Injection systems

PRODUCTS	DESCRIPTION	REFERENCES	REGISTRATION	
<b>Bowl + Spatula kit</b>	(pack of 10)	T060404	CE (class I non sterile)	
VACUUKIT®	Vacuum mixing & injection system	T060416	CE (class IIa)	

# Cement Restrictors

**CEMSTOP®** is a bioabsorbable cement restrictor indicated in cemented hip joint arthroplasties:

- For medullar cavity sealing prior to the introduction of acrylic cement.
- Facilitate the cement pressurization.
- Limits cement diffusion into the medullary cavity.
- 6 sizes: 8,10,12,14,16,18 mm.
- Resorption within a time lag of 1 to 15 days.
- Application: CEMSTOP® instrumentation.



Bioabsorbable cement restrictor (Class III)	SKU
CEMSTOP® Ø 8	T770008
CEMSTOP® Ø 10	T770010
CEMSTOP® Ø 12	T770012
CEMSTOP® Ø 14	T770014
CEMSTOP® Ø 16	T770016
CEMSTOP® Ø 18	T770018



CEMSTOP® Set (Class I)	SKU
Trial plug Ø8 mm	T067702
Trial plug Ø10 mm	T067703
Trial plug Ø12 mm	T067704
Trial plug Ø14 mm	T067705
Trial plug Ø16 mm	T067706
Trial plug Ø18 mm	T067707
Instrumentation case	T067799
Restrictor inserter	T067701
<b>Complete set instrumentation (including all references above)</b>	<b>T067750</b>



For further information about the complete set please contact our sales department.

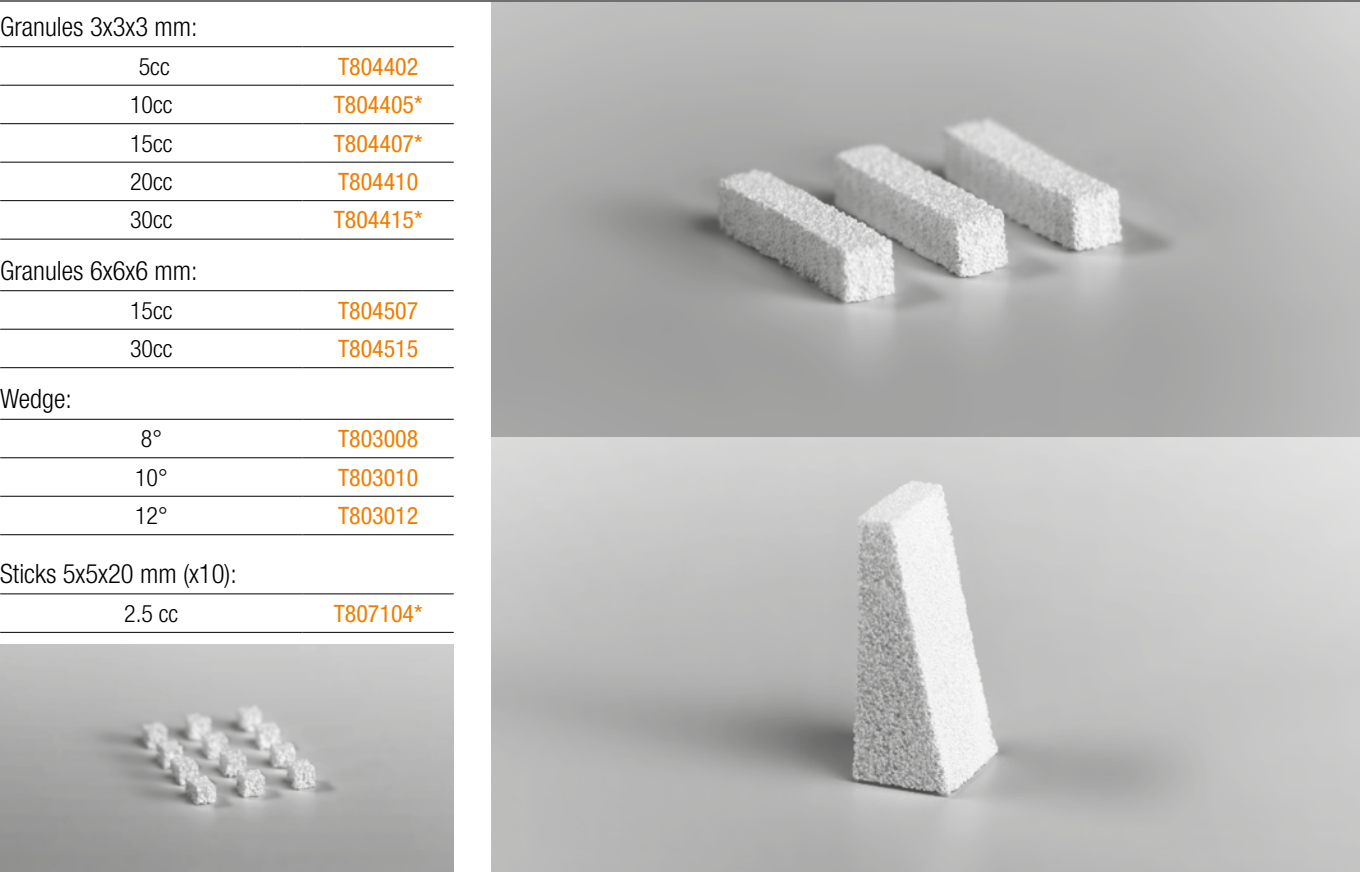
# Bone Substitutes






Due to their chemical composition similar to bone tissue, synthetic bone substitutes offer safe and efficient solution for bone filling.

CERAFORM® & TRIHA+® are Calcium phosphate ceramics with interconnected porous structure that provides an excellent scaffold for bone conduction.

NANOGE<sup>®</sup>L is an absorbable bone void filler that provides a support for bone ingrowth.

PRODUCTS	COMPOSITION	REGISTRATION
<b>CERAFORM®</b>	<b>Biphasic synthetic ceramic:</b> 65% HA – 35% TCP <b>Pore size:</b> 150-400 µm <b>Porosity:</b> 60%-85% for granules or 35%-85% for wedges & sticks	CE (class III) *AVAILABLE FOR US MARKET
SKU		
Granules 3x3x3 mm:		
5cc	T804402	
10cc	T804405*	
15cc	T804407*	
20cc	T804410	
30cc	T804415*	
Granules 6x6x6 mm:		
15cc	T804507	
30cc	T804515	
Wedge:		
8°	T803008	
10°	T803010	
12°	T803012	
Sticks 5x5x20 mm (x10):		
2.5 cc	T807104*	
		

PRODUCTS	COMPOSITION	REGISTRATION																		
<b>TRIHA+®</b> <b>BONEFUSE®</b> (ONLY FOR US MARKET)	<b>Monophasic synthetic ceramic:</b> 100% β-TCP <b>Pore size:</b> 150-400 μm <b>Porosity:</b> 60%-85% for granules & chips or 35%-85% for sticks	CE (class III) *AVAILABLE FOR US MARKET																		
SKU																				
<div>Granules 3x3x3 mm:</div> <table><tr><td>5cc</td><td>T824402*</td></tr><tr><td>10cc</td><td>T824405*</td></tr><tr><td>30cc</td><td>T824415*</td></tr></table> <div>Sticks 5x5x20 mm (x5):</div> <table><tr><td>2,5cc</td><td>T827104*</td></tr></table> <div>Sticks 5x5x20 mm (x10):</div> <table><tr><td>5cc</td><td>T827105*</td></tr></table> <div>Chips 1-2 mm:</div> <table><tr><td>10cc</td><td>T821210*</td></tr><tr><td>20cc</td><td>T821220*</td></tr></table> <div>Chips 2-5 mm:</div> <table><tr><td>10cc</td><td>T822510*</td></tr><tr><td>20cc</td><td>T822520*</td></tr></table>		5cc	T824402*	10cc	T824405*	30cc	T824415*	2,5cc	T827104*	5cc	T827105*	10cc	T821210*	20cc	T821220*	10cc	T822510*	20cc	T822520*	
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PRODUCTS	COMPOSITION	REGISTRATION
<b>NANOGE<sup>®</sup>L</b>	<b>HA gel:</b> Nanoparticles of HA/Water	CE (class III)
SKU		
<div>Syringe 0.5 ml</div> <div>Syringe 1 ml</div> <div>Syringe 2.5 ml</div> <div>Syringe 5 ml</div> <div>Syringe 10 ml</div>	<div>T860005</div> <div>T860010</div> <div>T860025</div> <div>T860050</div> <div>T860100</div>	 





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