



Distribución oficial de
Alcasis Bone Cement en México.

CEMENTOS ÓSEOS CATÁLOGO DE PRODUCTOS

Logística y suministro de implantes, instrumentales,
equipos y materiales complementarios para
traumatología y ortopedia.

Alcasis Bone Cement

Radiopaque Sterile Surgical Acrylic



Alcasis bone cement is used in the fixation of hip, knee, and shoulder implants. Alcasis bone cement is produced and tested according to ISO 5833 standards for acrylic resin cements, utilizing polymers with well-defined properties related to particle size, molar mass, and viscosity. It has demonstrated superior quality and mechanical performance across all formulations.

Alcasis bone cement is available in three viscosity levels: low, medium/standard, and high, catering to a variety of surgical needs. With exceptional adhesion and mechanical properties, Alcasis offers high visibility under X-ray radiation, using Ph Eur BP USP synthetic Barium Sulphate as an opacifier.

In terms of application, modern systems have been developed for both syringe/cement gun and manual methods. Alcasis bone cement is housed in a double-layer Tyvek envelope that forms a high-seal and protective barrier. This ensures that the cement can be poured into the preparation vessel easily and cleanly. Additionally, the product is protected against external influences with blister packaging. Each package includes a sterile mixing bowl and spatula to maintain sterility during application, assuring a safe and effective procedure. Alcasis Cement comes in 3 varieties of Alcasis Standard (without antibiotics), Alcasis bone cement with antibiotics (Gentamicin), and last, the vertebroplasty / kyphoplasty.

DISPOSABLE MIXING KIT (BOWL AND SPATULA)

Every Piece /packet of Alcasis Bone Cement comes with a mixing bowl and spatula to allow cement (low, medium and high viscosity) to be mixed effortlessly at optimal level of porosity and fine homogeneity in a sterile container.

Alcasis Bone cement with Antibiotic

Alcasis Bone cement with Antibiotic is loaded with Gentamicin which is released locally and useful as prophylactic. It is best used when there is risk of infection or used during revision operations. It also reduces the risk of septic detachment of the prosthesis thereby releasing active ingredient in the implant area. It comes in three (3) viscosities of low, Medium, and high viscosity with choices depending on the preference of the user.

Alcasis Bone cement without Antibiotic

Alcasis Bone cement without Antibiotic is an aminoglycoside free (Gentamicin-free) bone cement with suitable mechanical properties that can be used for cementing the acetabulum and the knee and for other implant fixation in knee and hip prosthesis. It comes in three (3) viscosities of low, Medium, and high viscosity with choices depending on the preference of the user.

Alcasis vertebroplasty / kyphoplasty

Alcasis ZV is specially designed for use with low-viscosity acrylic bone cement in vertebroplasty and kyphoplasty procedures. It features high radiopacity for X-ray, adequate working time, and a formulation with a suitable polymerization temperature to reduce the risk of thermal shock on the tissue. This product is ideal for treating osteoporotic vertebral fractures in patients undergoing spinal cord angioplasty. It can be prepared manually (in sterile bowl and spatula as attached to the packaging) or using closed mixing system. Since it comes as high viscosity, it can be applied with pressure gun.

VISCOSITY

LOW VISCOSITY

Alcasis low viscosity bone cement completes polymerization within desirable minutes recommended for a low-viscosity bone cement while maintaining excellent mechanical properties. It is suitable for both manual and syringe applications, for intramedullary fixation (femur, humerus) and small joints (ulna, radius). It is also ideal for cementation of knee prostheses, as well as hip prostheses, whether for fixation of cups in total, hybrid, or unicondylar procedures.

MEDIUM VISCOSITY

Alcasis medium viscosity bone cement completes polymerization in an average desirable time while offering excellent mechanical properties. It is suitable for cementation of both knee and hip prostheses (total hip and knee arthroplasty), including fixation of cups in total, hybrid, or unicondylar procedures. It is recommended for manual application.

HIGH VISCOSITY

Alcasis high viscosity bone cement completes polymerization in a shorter duration while offering excellent mechanical properties. It is suitable for cementation of knee prostheses, as well as hip prostheses, including fixation of cups in total, hybrid, or unicondylar procedures. It is also recommended for manual applications.

NB: All the viscosities has an excellent mechanical properties. However the choice for application depends on the preference of the user, surgical procedures, techniques and working condition of the user.

Bone Cement

With Antibiotic

Radiopaque Sterile
Surgical Acrylic

41G



A pouch containing an envelope with 41 g of radiopaque Gentamicin-loaded powder sterilized by ethylene oxide

Polymethyl Methacrylate	35,58 g (86,78%)
Barium Sulphate Ph. Eur.	4 g (9,76%)
Benzoyl Peroxide	0,42 g (1,02%)
Gentamicin sulfate	1 g (2,44%)

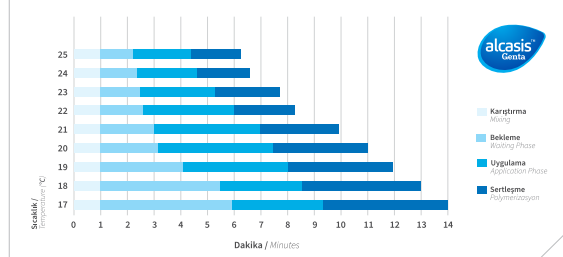
An ampoule containing 20 ml of liquid sterilized using the aseptic filling method.

Methyl Methacrylate	19,6 ml (98%)
N,N dimethyl p-toluidine	0,4 ml(2%)
Hydroquinone	18-20 ppm

Alcasis Bone cement with Antibiotic is loaded with Gentamicin which is released locally and useful as prophylactic. It is best used when there is risk of infection or used during revision operations. It also reduces the risk of septic detachment of the prosthesis thereby releasing active ingredient in the implant area.

It comes in three (3) viscosities of low, Medium, and high viscosity with choices depending on the preference of the user.

Alcasis Genta Working Duration



Catalog No	Product Name	Catalog Ref No
8681889057150	Alcasis™ Orthopaedic Genta Antibiotic Bone Cement Powder Component 41gr, Liquid Component 20ml	291453/41G
8681889057136	Alcasis™ Orthopaedic Genta Antibiotic Bone Cement, Low Viscosity Powder Component 41gr, Liquid Component 20ml	M060412
8681889057167	Alcasis™ Orthopaedic Genta Antibiotic Bone Cement, High Viscosity Powder Component 41gr, Liquid Component 20ml	A021015



Bone Cement

Standard Viscosity
Radiopaque Sterile
Surgical Acrylic

40G



1 Packet Ethylene Oxide sterilised pouch, containing 40 g of sterile powder consisting of:

Polymethyl Methacrylate	35.58 gr (%88,95)
Barium Sulphate Ph. Eur.	4 gr (%10)
Benzoyl Peroxide	0,42 gr (%1,05)

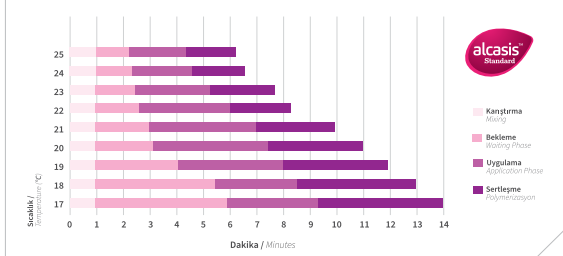
1 ampoule containing 20 ml of liquid, sterilized using the aseptic filling method.

Methyl Methacrylate	19,6ml (%98)
N,N dimethyl p-toluidine	0,4 ml
Hydroquinone	18-20 ppm

Alcasis Bone cement without Antibiotic is an aminoglycoside free (Gentamicin-free) bone cement with suitable mechanical properties that can be use for cementing the acetabulum and the knee and for other implant fixation in knee and hip prothesis.

It comes in three (3) viscosities of low, Medium, and high viscosity with choices depending on the preference of the user.

Alcasis Standart Working Duration



Catalog No	Product Name	Catalog Ref No
8681889057198	Alcasis™ Orthopaedic Surgical Bone Cement Low Viscosity Powder Component 40gr, Liquid Component 20ml	F240720
8681889057129	Alcasis™ Orthopaedic Surgical Bone Cement High Viscosity Powder Component 40gr, Liquid Component 20ml	H221122
8681889057112	Alcasis™ Orthopaedic Surgical Bone Cement Powder Component 40gr, Liquid Component 20ml	2951453

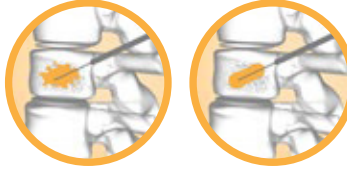
Bone Cement

Sterile Surgical
Vertebroplasti

20G



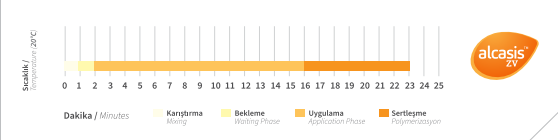
1 Packet Ethylene Oxide sterilised pouch,
containing 20 g of sterile powder consisting of:
**1 ampoule containing 10 ml of liquid,
sterilized using the aseptic filling method.**



Alcasis ZV is specially designed for use as a low-viscosity acrylic bone cement in vertebroplasty and kyphoplasty procedures. It features high radiopacity for X-ray imaging, adequate working time, and a formulation with an optimal polymerization temperature to reduce the risk of thermal shock to surrounding tissues. This product is ideal for treating osteoporotic vertebral fractures in patients undergoing spinal cord angioplasty.

It can be prepared manually (in sterile bowl and spatula as attached to the packaging) or using closed mixing system. Since it comes as low viscosity, it can be applied with pressure gun.

Alcasis ZV Working Duration



Catalog No	Product Name	Catalog Ref No
8681889057105	Alcasis™ ZV Vertebroplasty Bone Cement Powder Component 20gr, Liquid component 10ml	2951453/25
8681889057143	Alcasis™ ZV Kyphoplasty Bone Cement Powder Component 20gr, Liquid Component 10ml	2951453/25

Catalog No	Product Name	Catalog Ref No
8681889057181	Alcasis™ PP Mixing Bowl 100 ml	2020
8681889057174	Alcasis™ PP Spatula 12 cm	2021





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