

CMW Bone Cement advertisement.

[s.l.]: [s.n.], 1972

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we helped to send
Britain's team to the
Olympic Games



**we
qualify...**

To conquer the Olympian heights to a 'GOLD' is very much more than a token recognition of final success – it is a tribute to one's character, perseverance and measured self-confidence.

In another field, yet nevertheless with an unassailable track record, is CMW Orthopaedic Bone Cement. With a recorded minimum score of over 400,000 successful artificial joint fixations, performed in more than 25 countries throughout the five continents under the most diverse climatic conditions, CMW Bone Cement confidently qualifies for a 'GOLD'.

Yes, facts and figures confirm,

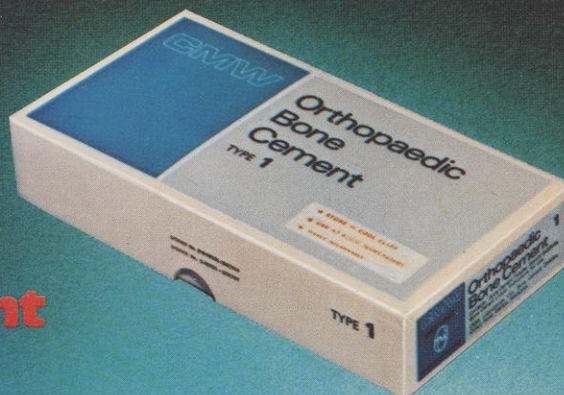
**CMW
Bone Cement**
qualifies with confidence!



time tested and
internationally approved!

CMW

Orthopaedic Bone Cement



Data

Presentation

Sterile Powder and Micro-filtered liquid.
Powder Pure polymethyl methacrylate, 2-3% benzoyl peroxide, including 7-8% Barium Sulphate (Type 2).
Liquid Monomethyl methacrylate, 0.02% ascorbic acid, 1-2% dimethyl-para-toluidine.

Uses

For the fixation of prostheses in total hip arthroplasty (Type 1), knee joint arthroplasty (Type 2).

Method of use

Powder and liquid are mixed together in a sterile bowl.
Setting time at 21°C.
Type 1 8-9 minutes.
Type 2 4½-5 minutes (Rapid set).

Contra-indications, warnings, etc.

The anaesthetist should be aware that some drop in blood pressure may occur when the cement is inserted into the socket.

Storage and special precautions

Store away from direct sunlight in a cool place. Open only as needed. Observe normal sterile procedures. If stored in a refrigerator, allow to come to room temperature before use.
Bone Cement Liquid is inflammable.

Package quantities

Type 1 Sterile Peel-Pack containing 40g powder, 5g Barium Sulphate, 22cm³ liquid.
Type 2 Sterile Peel-Pack containing 2 x 15.0g powder, (including Barium Sulphate radio opacifier) 2 x 7.3cm³ liquid.

Further information

Type 1 Barium Sulphate B.P. is provided separately for mixing with the cement powder in order to increase radio-opacity in the set cement.
Type 2 Barium Sulphate B.P. is already included within the cement powder and does not need to be added.

Bibliography

Charnley J. Acrylic Cement in Orthopaedic Surgery. Churchill Livingstone 1972.
Walker P.S. and Bienenstock M. Fixation Properties of Acrylic Cement The Review of the Hospital for Special Surgery Vol. 1, No. 1, pp 27-35.

General

It is generally accepted that the fixation of artificial joint parts into the bone is one of the most important aspects of prosthetic joint replacement.

Care, mental concentration, and dedication, supported by all the accumulated skill and experience possible is insufficient to assure operative success when the cement is suspect.

Fortunately today orthopaedic surgeons have minimal problems with prosthetic fixations because a successful mechanical bond is easily and most conveniently obtained with CMW Acrylic Bone Cement – a bonding agent that has both stood the test of time – and what is more important, received world-wide clinical approval.

Advantages

Surgeons with clinical experience of CMW Self-Curing Bone Cement recognise its more significant physical properties while appreciating its many advantages.

Presentation

Type 1 for total hip arthroplasty
Type 2 for knee joint arthroplasty

CMW Orthopaedic Bone Cement



Manufactured in England by
CMW Laboratories Limited

Distribution throughout the world by
The Dental Manufacturing Co (Sales) Ltd
26-40 Broadwick Street London W1A 2AD

