



HemCon

MEDICAL TECHNOLOGIES INC

Introducing an Innovation in Extraction Site and Oral Wound Care



HemCon Dental Dressing



Conventional Gauze



The HemCon[®] Dental Dressing

The HemCon Dental Dressing

HemCon Medical Technologies, Inc. was founded in 2001 to develop, manufacture and market life-saving hemorrhage control dressings. Since then, HemCon has greatly increased manufacturing capacity and added full R&D capabilities allowing expansion into new markets.

HemCon's technology was first put to use by the U.S. Army to address the leading cause of battlefield death: bleeding. The HemCon® Bandage controls bleeding by becoming extremely sticky when in contact with blood, this adhesive like action seals the wound. The HemCon Bandage is even effective on high-pressure, high-flow arterial bleeds.

Since its adoption over three years ago, the HemCon Bandage has helped save over 100 lives. The HemCon Bandage is now standard equipment for each soldier serving in Iraq and Afghanistan.

HemCon is dedicated to pursuing new applications for our unique technology. Using the same technology and materials as the HemCon Bandage, the HemCon Dental Dressing represents a significant step forward in extraction site and oral wound care.

WHAT IS THE HEMCON DENTAL DRESSING USED FOR?

The HemCon Dental Dressing is an oral wound dressing intended as a physical barrier for temporary protection of oral mucosal tissue and to provide pain relief. The dressing is designed for use by oral surgeons and general practitioners to aid in extractions and other oral procedures.

HOW DOES THE HEMCON DENTAL DRESSING WORK?

The chitosan in the HemCon Dental Dressing has a positive charge, and attracts red blood cells, which have a negative charge. The red blood cells create a seal over the wound as they are drawn into the dressing and stabilize the wound surface.

HOW DO I USE THE HEMCON DENTAL DRESSING?

- Using cotton pliers, place the HemCon Dental Dressing into the extraction wound, making sure it conforms properly to the socket.
- The top of the dressing should be flush with the crestal gingiva.
- Place sterile gauze over the HemCon Dental Dressing and have the patient applying gentle biting pressure for one to two minutes.
- Before discharging the patient, visually inspect the site to confirm correct positioning of the HemCon Dental Dressing. If necessary, replace the gauze, then dismiss the patient with post-op instructions.
- The HemCon Dental Dressing usually dissolves within 48 hours, but may take up to seven days. At seven days, the wound site can be irrigated to ensure removal of any residual material.

HOW IS THE HEMCON DENTAL DRESSING PACKAGED?

The dressings are packaged either with one or four per sealed foil pouch. Oral surgeons performing full molar or multiple extractions will want the four-pack. For single tooth extractions or gingival grafts, use the one-pack.

SINCE THE DRESSING WORKS BY INTERACTING WITH BLOOD, WILL THE DRESSING WORK ON PATIENTS TAKING ANTICOAGULANTS?

During our clinical trial, 8 patients on anticoagulants (Aspirin and Coumadin) were treated with the HemCon Dressing. All dressings were effective.

IS THERE A PROBLEM USING THIS PRODUCT ON PEOPLE WITH SHRIMP OR SHELLFISH ALLERGIES?

HemCon products use chitosan derived from shrimp shells. The HemCon Dental Dressing is made from the HemCon Bandage. There have been no known allergic reactions or adverse events reported as a result of using the HemCon Bandage since distribution began in 2003. *

IF I OPEN A FOUR-PACK, BUT DON'T USE THEM ALL, CAN I USE THEM LATER?

No, sterility and efficacy will be compromised if the product is not used when opened.



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*HemCon Medical Technologies, Inc. has results from a shellfish allergy study conducted by its chitosan supplier which demonstrates that, out of 221 individuals with suspected hypersensitivity, including 8 individuals with known shellfish allergies, none demonstrated any dermal sensitivity when pricked with a chitosan test solution. However, since chitosan is extracted from the shells of shrimp and other shellfish, individuals with known shellfish allergies should exercise caution in the use of products containing chitosan.