

## Hemostatic Agents (April 2015)

<p><b>Item:</b> Use of Hemostatic Agents for hemorrhage control</p>
<p><b>Classification:</b></p> <ul style="list-style-type: none"> <li>• Basic Life Support procedure</li> <li>• Hemostatic agents have a direct effect on the chemical composition and physiology of the blood.</li> <li>• Use of Hemostatic Agents, although topical in nature, is listed as a scope of practice item for EMTs, AEMTs and Paramedics, and constitutes a basic life support procedure.</li> </ul>
<p><b>Use and Level:</b></p> <ul style="list-style-type: none"> <li>• Authorized for Public Safety Personnel trained at the First Aid / CPR level</li> <li>• Authorized for EMT</li> <li>• Authorized for AEMT</li> <li>• Authorized for Paramedics</li> </ul>
<p><b>Authority:</b> California Code of Regulations 100063 (a) (8) (B) Chapter 2, allows an EMT to provide initial prehospital emergency care of trauma, including, but not limited to...use of hemostatic dressings from a list approved by the Authority.</p>
<p><b>Training:</b> Training in the use of hemostatic dressings shall consist of not less than one (1) hour to result in the EMT being competent in the use of the dressing. Included in the training shall be the following topics and skills:</p> <ul style="list-style-type: none"> <li>• Review of basic methods of bleeding control to include but not be limited to direct pressure, pressure bandages, tourniquets, and hemostatic dressings;</li> <li>• Review treatment of open chest wall injuries;</li> <li>• Types of hemostatic dressings; and</li> <li>• Importance of maintaining normal body temperature.</li> </ul> <p>At the completion of initial training, a student shall complete a competency-based written and skills examination for controlling bleeding and the use of hemostatic dressings.</p>
<p><b>Equipment:</b> Hemostatic dressing must meet all of the following criteria in order to be used in California:</p> <ul style="list-style-type: none"> <li>• Mode of action/active agent: <ul style="list-style-type: none"> <li>○ Mineral zeolite (formulation must mitigate for exothermal reaction) , or</li> <li>○ Chitin/chitosan</li> </ul> </li> <li>• Type of Application: <ul style="list-style-type: none"> <li>○ Agent incorporated into a soft flexible dressing or gauze</li> </ul> </li> </ul> <p>Acceptable hemostatic dressings for use in California include the following:</p> <ul style="list-style-type: none"> <li>• QuikClot® Combat Gauze™</li> <li>• HemCon® ChitoFlex® PRO Dressing</li> <li>• Celox™ Gauze</li> </ul>
<p><b>Medical Direction:</b> Used in accordance with a protocol written and approved by the local EMS agency medical director (HS 1797.220).</p>
<p><b>Considerations and Recommendations:</b></p>