

Sierra – Sacramento Valley EMS Agency Treatment Protocol

T-4 (LALS)

Hemorrhage

Approval: Troy M. Falck, MD – Medical Director

Effective: 06/01/2024

Approval: John Poland – Executive Director

Next Review: 04/2027

Approved Commercial Tourniquet Devices:

- Combat Application Tourniquet
- Emergency and Military Tourniquet
- Mechanical Advantage Tourniquet

- SAM XT Extremity Tourniquet
- Special Ops. Tactical Tourniquet
- RECON Medical Tourniquet

Tourniquet Utilization Notes:

- Tourniquets applied by lay rescuers or other responders shall be evaluated for appropriateness and may be adjusted or removed if necessary improvised tourniquets should be removed by prehospital personnel.
- If application is indicated and appropriate, a commercial tourniquet should not be loosened or removed by prehospital personnel unless time to definitive care will be greatly delayed (>2 hrs).

Approved Hemostatic Agents:

- QuikClot EMS 4x4 & Combat Gauze HemCon ChitoGauze XR PRO
- HemCon ChitoGauze XR2 PRO- HemCon OneStop Bandage

- HemCon ChitoGauze OTC
- HemCon Bandage PRO
- **BLS** Assess V/S, including SpO₂ • O2 at appropriate rate if hypoxemic (SpO2 <94%) Attempt to control bleeding with direct pressure Uncontrolled Monitor & reassess Hemorrhage? YES Non-compressible or Extremity, area Non-extremity, suspected internal amenable to tourniquet compressible bleeding hemorrhage Consider hemostatic Pressure dressing agent application • Consider hemostatic Apply tourniquet agent application proximal to bleeding if necessary • Apply 2nd tourniquet proximal to 1st for continued bleeding **Monitor & reasses**

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