



### Hemorrhage

Approval: Troy M. Falck, MD – Medical Director

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Approval: John Poland – Executive Director

Next Review: 10/2027

#### Approved Commercial Tourniquet Devices:

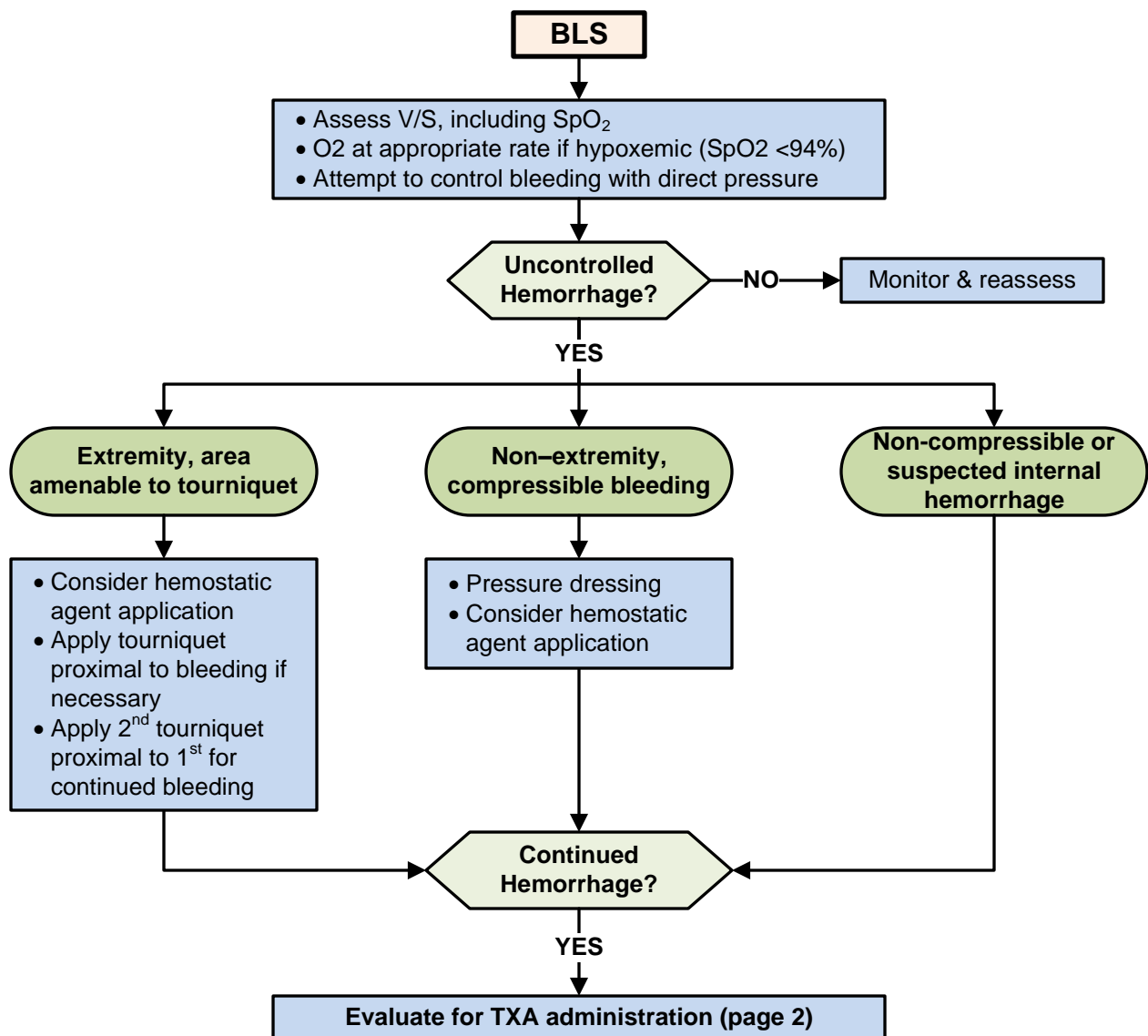
- Combat Application Tourniquet
- Emergency and Military Tourniquet
- Mechanical Advantage Tourniquet
- SAM XT Extremity Tourniquet
- Special Ops. Tactical Tourniquet
- RECON Medical Tourniquet

#### 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 ChitoGauze OTC
- HemCon Bandage PRO
- HemCon OneStop Bandage





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#### Tranexamic Acid (TXA) Administration

**TXA Administration Notes:**

- Routes other than IV/IO (e.g., nebulized, topical) may be considered **(with base/modified base hospital order only)** for bleeding from epistaxis, lacerations, or oral trauma.
- For post-partum hemorrhage, refer to Childbirth Protocol (OB-G1).

