



Hemorrhage

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Approval: Victoria Pinette – Executive Director

Next Review: 07/2021

Approved Commercial Tourniquet Devices:

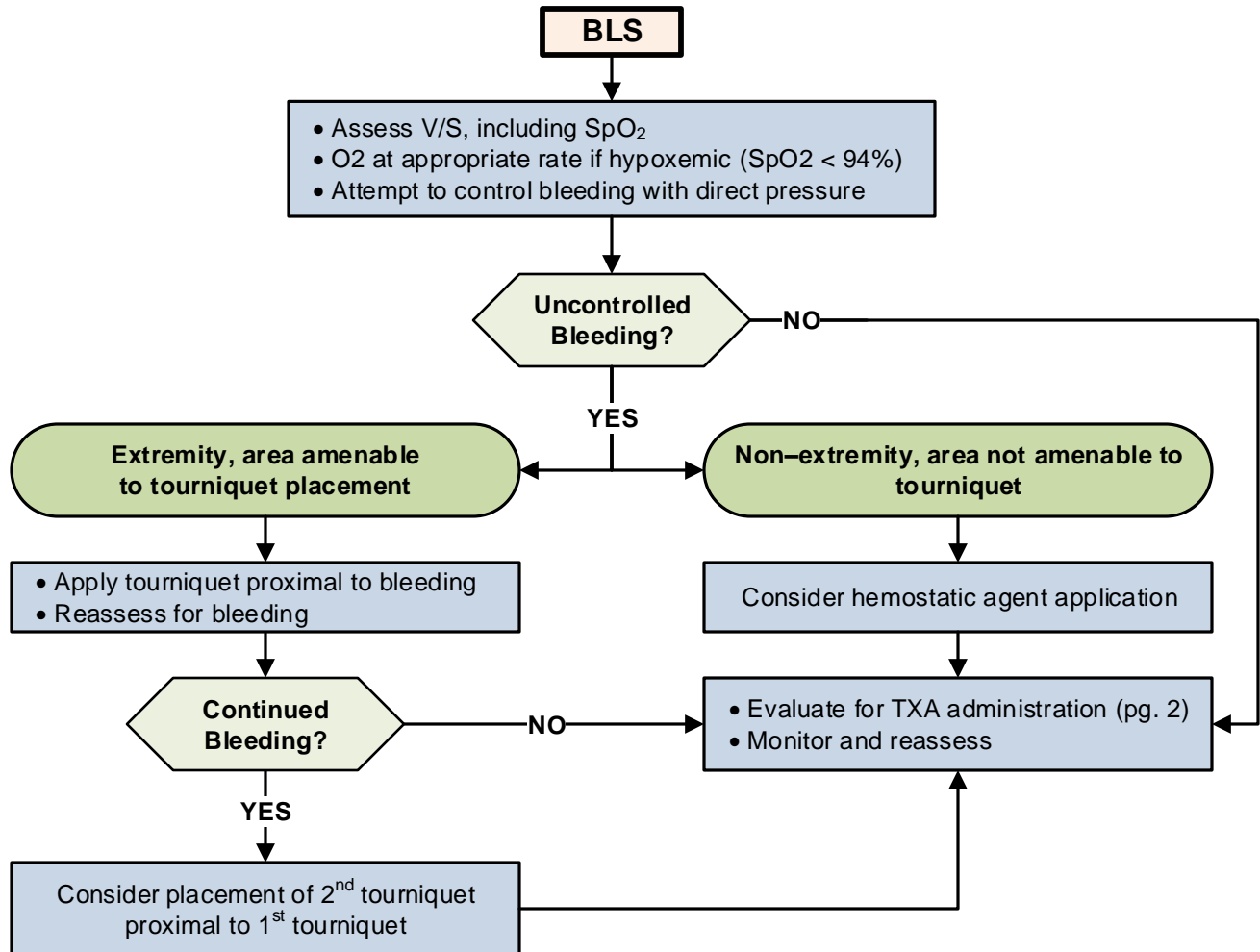
- Combat Application Tourniquet
- Emergency and Military Tourniquet
- Mechanical Advantage Tourniquet
- SAM XT Extremity Tourniquet
- Special Ops. Tactical Tourniquet
- RECON Medical Tourniquet

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 hours).

Approved Hemostatic Agents:

- QuikClot Emergency 4x4 and/or Combat Gauze Z-Fold
- HemCon ChitoGauze Pro Z-Fold



See page 2 for TXA administration evaluation if appropriate



Hemorrhage

Tranexamic Acid (TXA) Administration

ALS

Does pt. meet S-SV EMS anatomic, physiologic, or mechanism of injury field trauma triage criteria?

NO

YES

TXA INCLUSION CRITERIA

Does pt. meet the following inclusion criteria?

- Blunt or penetrating traumatic injury with signs and symptoms of hemorrhagic shock (including SBP < 90)
- OR**
- Significant hemorrhage (either of the following):
 - Significant blood loss with HR > 120
 - Hemorrhage not controlled by direct pressure, hemostatic agents, or commercial tourniquet application

NO

YES

TXA EXCLUSION CRITERIA

Does pt. meet any of the following exclusion criteria?

- < 15 yo
- Time since injury > 3 hours
- Isolated traumatic brain injury
- Thromboembolic event (i.e., stroke, MI, PE) in past 24 hours
- Traumatic arrest with > 5 minutes of CPR without ROSC
- Hypotension secondary to suspected cervical cord injury with motor deficit or spinal shock

YES

NO

Tranexamic Acid (TXA) IV/IO

- Mix 1gm TXA in 100mL D₅W or NS and infuse over 10 minutes

Monitor and reassess

- DO NOT administer TXA
- Contact base/modified base hospital for consultation if necessary