

Ballistics and Wound Patterns for EMS

Friday, May 23rd, 2025 2:00 pm to 3:00 pm

Teams Webinar



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Dr. Bohanske will provide learners with a comprehensive understanding of ballistics principles, including the mechanisms of projectile injuries, wound ballistics, and factors affecting patient outcomes, enabling them to enhance pre-hospital care and decision-making in ballistic trauma cases.

Objectives:

- Understand principles of kinetic energy as it pertains to ballistic injuries of varying velocity and mass.
- Discuss the basics of internal (within the firearm) and external (muzzle to target) ballistic principles.
- Discuss in-depth components of bullet design on terminal ballistics. Illustrate this with the Hague convention, military ammunition and civilian law enforcement ammunition.
- Apply principles of terminal ballistics to wound patterns including deformity, fragmentation, yaw, and cavitation.

Don't hesitate to contact Eric Wellman, EMS Manager, at Eric.Wellman@MaineHealth.org with any questions.

If you cannot attend, but would like to watch the webinar later, it will be posted at <u>Division of EMS - YouTube!</u> Continuing education credit is not available, unless you attend the webinar. We look forward to seeing you there!