## **References and Literature Grading**

What Evaluations Are Needed in the Emergency Department Patients after a TASER Device Activation? (10/7/2019)

 Bozeman WP, Barnes DG, Jr., Winslow JE, 3rd, Johnson JC, 3rd, Phillips CH, Alson R. Immediate cardiovascular effects of the Taser X26 conducted electrical weapon. *Emerg Med J.* 2009;26:567-570.

Grade C, Good.

- Bozeman WP, Hauda WE, 2nd, Heck JJ, Graham DD, Jr., Martin BP, Winslow JE. Safety and injury profile of conducted electrical weapons used by law enforcement officers against criminal suspects. *Ann Emerg Med.* 2009;53:480-489.
  Grade D, Good
- Bozeman WP, Teacher E, Winslow JE. Transcardiac Conducted Electrical Weapon (Taser) Probe Deployments: Incidence and Outcomes J Emerg Med. 2012 Dec;43(6):970-5.
  Grade D, Good
- Criscione JC, Kroll MW. Incapacitation recovery times from a conductive electrical weapon exposure Forensic Sci Med Pathol 2014;10(2):203-7.
  Grade C, Good
- Dawes DM, Ho JD, Reardon RF, Miner JR. Echocardiographic evaluation of TASER X26 probe deployment into the chests of human volunteers. *Am J Emerg Med.* 2010;28:49-55.
  Grade C, Good
- Dawes DM, Ho JD, Kroll MW, Miner JR. Electrical Characteristics of an Electronic Control Device Under a Physiologic Load: A Brief Report. Pacing Clin Electrophysiol. 2010; 33(3):330-6.
  Grade C, Good
- Dawes DM, Ho JD, Reardon RF, Miner JR. The cardiovascular, respiratory, and metabolic effects of a long duration electronic control device exposure in human volunteers. *Forensic Sci Med Pathol.* 2010;6:268-274.
  Grade C, Outstanding
- Dawes DM, Ho JD, Reardon RF, Sweeney JD, Miner JR. The physiologic effects of multiple simultaneous electronic control device discharges. *West J Emerg Med.* 2010;11:49-56.
  Grade C, Outstanding
- Dawes DM, Ho JD, Johnson MA, Lundin E, Janchar TA, Miner JR. 15-Second conducted electrical weapon exposure does not cause core temperature elevation in non-environmentally stressed resting adults. *Forensic Sci Int.* 2008;176:253-257.
  Grade C, Good
- 10) Dawes D, Ho J, Miner J. The neuroendocrine effects of the TASER X26: a brief report. Forensic Sci Int. 2009;183(1-3):14-9.

## Grade B, Good

- 11) Dawes DM, Ho JD, Reardon RF, et al. The respiratory, metabolic, and neuroendocrine effects of a new generation electronic control device. *Forensic Sci Int.* 2011;207:55-60. Grade C, Outstanding
- 12) Eastman AL, Metzger JC, Pepe PE, Benitez FL, Decker J, Rinnert KJ, Field CA, Friese RS. Conductive electrical devices: a prospective population-based study on the medical safetly of law enforcement use. J Trauma. 2008;64(6):1567-72. Grade D, Adequate
- Gardner AR, Hauda WE 2<sup>nd</sup>, Bozeman WP. Conducted Electrical Weapon Use Against Minors: A Shocking Analysis. Pediatric Emerg Care. 2012;28(9):873-7 Grade C, Good
- Havranek S, Neuzil P, Linhart A. Electromuscular incapacitating devices discharge and risk of severe bradycardia. *Am J Forensic Med Pathol.* 2015;36:94-98.
  Grade C, Good
- Ho J, Dawes D, Miner J, Kunz S, Nelson R, Sweeney J. Conducted Electrical Weapon incapacitation during a goal directed task as a function of Probe Spread. Forensic Sci Med Path. 2012 ;8(4):358-66.
  Grade C, Good
- 16) Ho JD, Dawes DM, Nelson RS, et al. Acidosis and catecholamine evaluation following simulated law enforcement "use of force" encounters. *Acad Emerg Med.* 2010;17:e60-68. Grade C, Good
- Ho JD, Dawes DM, Reardon RF, et al. Human cardiovascular effects of a new generation conducted electrical weapon. *Forensic Sci Int.* 2011;204:50-57.
  Grade C, Good
- 18) Ho JD, Dawes DM, Bultman LL, Moscati RM, Janchar TA, Miner JR. Prolonged TASER use on exhausted humans does not worsen markers of acidosis. *Am J Emerg Med.* 2009;27:413-418. Grade C, Good
- Ho JD, Dawes DM, Cole JB, Hottinger JC, Overton KG, Miner JR. Lactate and pH evaluation in exhausted humans with prolonged TASER X26 exposure or continued exertion. *Forensic Sci Int.* 2009;190:80-86.
  Grade B, Good
- 20) Ho JD, Dawes DM, Heegaard WG, Calkins HG, Moscati RM, Miner JR. Absence of electrocardiographic change after prolonged application of a conducted electrical weapon in physically exhausted adults. *J Emerg Med.* 2011;41:466-472. Grade C, Good
- 21) Ho JD, Dawes DM, Reardon RF, et al. Echocardiographic evaluation of a TASER-X26 application in the ideal human cardiac axis. *Acad Emerg Med.* 2008;15:838-844.

## Grade C, Good

- 22) Ho JD, Dawes DM, Bultman LL, et al. Respiratory effect of prolonged electrical weapon application on human volunteers. *Acad Emerg Med.* 2007;14:197-201. Grade C, Outstanding
- Ho JD, Miner JR, Lakireddy DR, Bultman LL, Heegaard WG. Cardiovascular and physiologic effects of conducted electrical weapon discharge in resting adults. *Acad Emerg Med.* 2006;13:589-595.

## Grade C, Outstanding

- Ho JD, Dawes DM, Nystrom PC, et al. Markers of acidosis and stress in a sprint versus a conducted electrical weapon. *Forensic Sci Int.* 2013;233:84-89.
  Grade C, Good
- 25) Ho JD, Dawes DM, Chang RJ, Nelson RS, Miner JR. Physiologic effects of a new-generation conducted electrical weapon on human volunteers. *J Emerg Med.* 2014;46:428-435. Grade C, Good
- 26) Kroll MW, Hail SL, Kroll RM, Wetli CV, Criscione JC. Electrical weapons and excited delirium: shocks, stress, and serum serotonin. *Forensic Sci Med Pathol.* 2018;14:478-483. Grade C, Good
- 27) Levine SD, Sloane CM, Chan TC, Dunford JV, Vilke GM. Cardiac monitoring of human subjects exposed to the taser. *J Emerg Med.* 2007;33:113-117. Grade C, Good
- Levine SD, Sloane CM, Chan TC, Dunford JV, Vilke GM. Cardiac monitoring of human subjects exposed to the taser. *J Emerg Med.* 2007;33:113-117.
  Grade C, Good
- 29) Scherr C, de Carvalho AC, Belem LJ, Loyola LH, Guerra RL, Blanco F, Mangia C. Cardiovascular Effects of SPARK Conducted Electrical Weapon in Healthy Subjects. Int J Cardiol. 2016;225:123-127.
  - Grade C, Good
- Sloane CM, Chan TC, Levine SD, Dunford JV, Neuman T, Vilke GM. Serum troponin I measurement of subjects exposed to the Taser X-26. *J Emerg Med.* 2008;35:29-32. Grade C, Good
- Stopyra JP, Winslow JE, Fitzgerald DM, Bozeman WP. Intracardiac Electrocardiographic Assessment of Precordial Taser Shocks in Human Subjects: A Pilot Study. J of Forensic and Legal Med. 2017; ;52:70-74.
  Grade C, Good

- 32) Strote J, Walsh M, Angelidis M, Basta A, Hutson HR. Conducted electrical weapon use by law enforcement: an evaluation of safety and injury. *J Trauma*. 2010;68:1239-1246. Grade D, Adequate
- 33) Vanmeenen KM, Lavietes MH, Cherniack NS, Bergen MT, Teichman R, Servatius RJ. Respiratory and Cardiovascular Response During Electronic Control Device Exposure in Law Enforcement Trainees. Frontiers in Physciology 2013. Grade C, Good
- 34) VanMeenen KM, Cherniack NS, Bergen MT, Gleason LA, Teichman R, Servatius RJ. Cardiovascular evaluation of electronic control device exposure in law enforcement trainees: a multisite study. *J Occup Environ Med.* 2010;52:197-201. Grade C, Good
- 35) Vilke GM, Sloane CM, Suffecool A, et al. Physiologic effects of the TASER after exercise. Acad Emerg Med. 2009;16:704-710. Grade C, Outstanding
- 36) Vilke GM, Sloane C, Levine S, Neuman T, Castillo E, Chan TC. Twelve-lead electrocardiogram monitoring of subjects before and after voluntary exposure to the Taser X26. Am J Emerg Med. 2008;26:1-4. Grade C, Good
- 37) Vilke GM, Sloane CM, Bouton KD, et al. Physiological effects of a conducted electrical weapon on human subjects. *Ann Emerg Med.* 2007;50:569-575. Grade C, Outstanding