Conducted Energy Weapon (CEW) Research Index

Key: [ ] Denotes partially or fully funded by Axon Enterprise, Inc. (formerly TASER International, Inc.)
** Denotes study was partial or fully funded by a government agency


Updated 20 March 2019


Conducted Energy Weapon (CEW) Research Index


780. American National Standards Institute (ANSI)/CPLSO-17-2017, Electrical Characteristics of ECDs and CEWs. [new standard]: 10/11/2017. Date added 1/16/18. []


776. Ho, J., Coplen, M. Driver, B., Presentation of the Conducted Electrical Weapon De-Escalates Violence in the Healthcare Setting, 10th European Congress on Violence in Clinical Psychiatry, Dublin, Ireland, October 2017. Date added 1/2/18. []


Updated 20 March 2019


Conducted Energy Weapon (CEW) Research Index


754. Flower, R.J. Statement of the Medical Implications of Use of the TASER X2 Conducted Energy Device System, 12 October 2016, Scientific Advisory Committee on the Medical Implications of Less-Lethal Weapons (SACMILL). Date added 3/7/17. **


Updated 20 March 2019


715. Panescu, D. Transthoracic VF Charge Thresh, IEEE EMBS, 2015, 37, pp. 7208-7213. Date added 9/23/15. []
Conducted Energy Weapon (CEW) Research Index

714. Panescu, D. Transthoracic VF Charge Thresh, IEEE EMBS, 2015, 37, pp. 7208-7213, PowerPoint. Date added 9/23/15. [ ]


Updated 20 March 2019


680. Rich B, Brophy JM. Estimating the risk of cardiac mortality following exposure to conducted energy weapons. Canadian Journal of Cardiology. 2015. Date added 2/24/15


676. United States Marine Corps. Training and Use of Human Electro-Muscular Incapacitation (HEMI) Devices. USMC DOD. February 2 2012. Date added 1/19/15 **


Conducted Energy Weapon (CEW) Research Index


656. Sheridan RD. Letter by Sheridan Regarding Articles, “TASER Electronic Control Devices Can Cause Cardiac Arrest in Humans” and TASER Electronic Control Devices and Cardiac Arrest: Coincidental or Causal?” *Circulation.* 2014;130:e167, Date added 11/17/14


Updated 20 March 2019


646. Ferdik FV, Kaminski RJ, Cooney MD, Sevigny EL. The Influence of Agency Policies on Conducted Energy Device Use and Police Use of Lethal Force. Police Quarterly. 2014;0(0). Date added 9/12/14


Conducted Energy Weapon (CEW) Research Index


623. Dymond A. ‘The Flaw in the Taser Debate is the Taser Debate’: What do We Know about Taser in the UK, and How Significant are the Gaps in Our Knowledge? Policing. 2014 March. Date added 4/7/14


Updated 20 March 2019


Conducted Energy Weapon (CEW) Research Index


Updated 20 March 2019


566. Welsh J. Electroshock torture and the spread of stun technology. The Lancet. 1997;319(1). Date added 5/14/13


Conducted Energy Weapon (CEW) Research Index

2012;12. Date added 4/11/13


526. Le TASER: une arme utile. La Fédéaction. 2007; 9(2): 4-6. [FRENCH]


Updated 20 March 2019

509. Lewis A. Survey on use of Taser International 21ft cartridges. Canadian Police Research Centre. 2007. Date added 3/20/13


502. Vent JA. Law Enforcement’s Use of the TASER in Demanding Suspect Compliance. OLink ETD Center. 2008. Date added 2/27/13


Conducted Energy Weapon (CEW) Research Index


492. Ho JD, Dawes DM. Letter by Ho and Dawes Regarding Article,"Sudden Cardiac Arrest and Death Following Application of Shocks From a TASER Electronic Control Device." Circulation. 2013;127:e259. Date added 1/3/13


503. Parker P. USAF Nonnuclear Munitions Safety Board Executive Secretary Certification for Operational Use of the X26 TASER. USAF. May 2007. Date added 12/7/12


Updated 20 March 2019


450. Wilkinson D. Supplement to HOSDB Evaluations of Taser Devices. HOSDB. 2006. Date added 10/22/12


Conducted Energy Weapon (CEW) Research Index

441. A knee in the neck of excited delirium. CMAJ. 2008;178(6). Date added 7/18/12.


438. Ho J, Dawes D, Miner J. Human Physiologic Effects of a New Generation Conducted Electrical Weapon. ICEM. June 2012. Date added 7/5/12


433. Sztajnkrycer M. Cardiovascular Risk and the TASER: A Review of the Recent Literature. TEM. 2005. Date added 7/2/12


431. Kaloostian P, Tran H. Intracranial taser dart penetration: Literature review and surgical management. JSCR. 2012 Date added 6/11/12


419. Zipes D. Sudden Cardiac Arrest and Death Associated With Application of Shocks From a TASER Electronic Control Device. Circulation AHA. May 2012. Date added 5/1/12


Updated 20 March 2019


405. Vilke G, Sloane C, Chan T. Funding source and author affiliation in TASER research are strongly associated with a conclusion of device safety [LETTER]. Am Heart J. 2012;e1. Date added 3/6/12

404. Azadani P, Tseng Z, Ermakov S, Marcus G, Lee B. In Response to the letters from Dr. Vilke and colleagues and Dr. Kunz regarding “Funding source and author affiliation in TASER research are strongly associated with a conclusion of device safety” [LETTER]. Am Heart J. 2012;e1. Date added 3/6/12


Conducted Energy Weapon (CEW) Research Index


380. Ho J, Dawes D, Moore J, Nelson R, Miner J. Comparison of Chest Position and Distance to the Heart in the Induction of Cardiac Stimulation from an Electronic Control Device using Steel versus Carbon Fiber Darts in Pigs [POSTER]. Hennepin County Medical Center. ACEP. October 2011. Date added 10/20/11 [ ]


Updated 20 March 2019


366. Azadani PN, Tseng ZH, Ermakov S, Marcus GM, Lee BK. Funding source and author affiliation in TASER research are strongly associated with a conclusion of device safety. American Heart Journal. Sept 2011;162(3):533-537. Date added 8/12/11


356. Ho J, Dawes D, Johnson M, Lundin E, Miner J. 15-Second Conducted Electrical Weapon Exposure Does Not Cause Core Temperature Elevation In Non-Environmentally stressed Resting Adults [POSTER]. Hennepin County Medical Center. 2007. Date added 6/22/11


352. Vilke G. Conducted Energy Devices: Are They Safe Options? [PRESENTATION]. UCSD Medical Center. 2009. Date added 6/22/11


Conducted Energy Weapon (CEW) Research Index

346. Wyant RT, Geil KM. E Examination of the Probe-Knot Junction to Estimate Duration of Electronic Control Device (TASER) Exposures. AFTE Journal. Feb 2010;42(3):253-258. Date added 6/14/11


325. Ideker RE, Dosdall DJ. Can the Direct Cardiac Effects of the Electric Pulses Generated by the TASER X26 Cause Immediate or Delayed Sudden Cardiac Arrest in Normal Adults? Am J Forensic Med Pathol. Sep 2007;28(3):195-201. Date added 6/1/11 [[


Updated 20 March 2019


## Conducted Energy Weapon (CEW) Research Index

<table>
<thead>
<tr>
<th>Reference</th>
<th>Title</th>
<th>Journal</th>
<th>Date added</th>
</tr>
</thead>
<tbody>
<tr>
<td>304. Taylor, B., Woods, D., Kubu, B., et al.</td>
<td>Comparing safety outcomes in police use-of-force cases for law enforcement agencies that have deployed Conducted Energy Devices and a matched comparison group that have not: A quasi experimental evaluation</td>
<td>National Institute of Justice</td>
<td>9/6/10</td>
</tr>
<tr>
<td>307. Sanford, J.M.</td>
<td>Reply to &quot;TASER Device-induced Rhabdomyolysis is Unlikely&quot;</td>
<td>J Emerg Med</td>
<td>9/12/10</td>
</tr>
<tr>
<td>310. Rose, S.</td>
<td>&quot;NON-LETHAL&quot; WEAPONS</td>
<td>The Lancet</td>
<td>9/6/10</td>
</tr>
</tbody>
</table>


- Australasian College of Emergency Medicine Scientific Assembly; 2010. Date added 11/28/10


Conducted Energy Weapon (CEW) Research Index


246. Ho J, Lundin E, Dawes D, Ryan F, Miner J. Catecholamines in Simulated Arrest Scenarios [POSTER] [ ]
   - ACEM Winter Symposium. Darwin Northern Territory, Australia. 2009. Date added 6/25/09


   - Fifth Mediterranean Emergency Medicine Congress (MEMC V). September 2009. Date added 9/16/09
   - Society for Academic Emergency Medicine Scientific Assembly. 2009. Date added 5/19/09


Updated 20 March 2019


217. Ho J, Dawes D. Research Update on the TASER Electronic Control Device. 5th European Symposium on Non Lethal Weapons. Vol Ettlingen: Fraunhofer Instiut Chemishe Technologie. 2009. Date added 5/12/09 [ ]


210. Ho JD, Dawes DM, Miner JR. Taser Wound Progression in Two Deployment Modes [POSTER]. Pathology/Biology. AAFS Denver 2009. Date added 2/25/09 [ ]

Conducted Energy Weapon (CEW) Research Index

208. Ho, J, Dawes D, Miner J. Multiple Simultaneous Exposures of Electronic Control Devices (ECDs) in Human Volunteers [POSTER]. CardioRhythm, Hong Kong: Dept of Emergency Medicine. Hennepin County Medical Center. 2009. Date added 2/25/09


206. Han J, Chopra A, Carr D. Ophthalmic injuries from a TASER. CJEM. Jan 2009;11(1):90-93. Date added 2/24/09


204. Hall CA. Public risk from tasers: Unacceptably high or low enough to accept? CJEM. Jan 2009;11(1):84-86. Date added 2/5/09


196. Ho J, Heegaard W, Dawes D, Miner J. Introduction of a Electronic Control Device in a Hospital Setting: Eight Months of Use [POSTER]. Hennepin County Medical Center. 2009. Date added 1/5/09

195. Dawes D, Ho J, Miner J. The Neuro-Endocrine Effects of the TASER X26 Electronic Control Device [POSTER]. Hennepin County Medical Center. 2009. Date added 1/5/09

194. Dawes D, Ho J, Reardon R, Miner J. The Physiologic Effects of Multiple Simultaneous Electronic Control Device Discharges [POSTER]. Hennepin County Medical Center. 2009. Date added 1/5/09


Updated 20 March 2019

184. Ho JD, Dawes DM, Reardon RF, Lapine AL, Miner JR. Echocardiographic Determination of Cardiac Rhythm During Trans-Thoracic Wireless Conducted Electrical Weapon Exposure [POSTER]. Hennepin County Medical Center [[. American College of Emergency Physicians Scientific Assembly 2008. Date added 11/4/08
- Australian College of Emergency Medicine Winter Symposium 2008. Date added 6/23/08


181. Ho J, Dawes, D, Miner J. Serum Biomarker Effect of Prolonged TASER XREP Device Exposure [POSTER]. Hennepin County Medical Center. European Society of Emergency Medicine Scientific Assembly, Munich Germany. September 2008. Date added 9/15/08


179. Ho J, Dawes D, Reardon R, et al. Cardiac and Diaphragm Echo Evaluation During TASER Device Drive Stun [POSTER]. Hennepin County Medical Center [[. National Association of Medical Examiners- September 2008. Date added 9/10/08
- Australian College of Emergency Medicine Winter Symposium 2008. Date added 6/23/08


174. Sloane CM, Chan TC, Levine SD, Dunford JV, Neuman T, Vilke GM. Serum troponin I measurement of subjects exposed to the Taser X-26 **
- Acad Emerg Med 2007;14(5):103-104. Date added 12/27/07


172. Mukherjee A. TASTER's (letter of review). July 2 2008. CMAJ. Date added 8/17/08


Updated 20 March 2019

142. Bozeman W. Injury Profile of TASER Electrical Conducted Energy Weapons (CEWs) [POSTER]. Wake Forest University. 2007. Date added 1/21/08 **


138. Ho J, Dawes D, Johnson M, Miner J. The Neuroendocrine Effects Of The TASER X26 Conducted Electrical Weapon As Compared To Oleoresin Capsicum [POSTER]. Fourth Mediterranean Emergency Medicine Congress (MEMC IV), Sorento, Italy. Date added 12/27/07 []


124. Moscati R, Ho J, Dawes D, et al. Physiologic Effects of Prolonged Conducted Electrical Weapon Discharge on Intoxicated Adults [POSTER]. Hennepin County Medical Center. 2007. Date added 12/27/07 []

Conducted Energy Weapon (CEW) Research Index


116. Ho J, Dawes D, Bultman L, et al. Physiologic Effects of Prolonged Conducted Electrical Weapon Discharge on Acidotic Adults [POSTER]. Hennepin County Medical Center. 2007. Date added 12/27/07


100. Levine S, Sloane C, Chan T, Vilke G, Dunford J. Cardiac Monitoring of Subjects Exposed to the Taser [POSTER]. UCSD Dept of Emergency Medicine. December 2006. Date added before 7/05

Updated 20 March 2019


Conducted Energy Weapon (CEW) Research Index


74. Laur D. Excited Delirium and its Correlation to Sudden and Unexpected Death Proximal to Restraint: A Review of the Current and Relevant Medical Literature. Victoria Police Department. April 2005. Date added before 7/05 **


67. Force Science Research Center. Here are the naked truths you told us [SURVEY]. *Force Sci Research Ctr.* 2005;19. Date added before 7/05


64. Department of the Army. The U.S. Army Center for Health Promotion and Preventive Medicine’s Position on whether TASER is safe to use on U.S. Army Military and Civilian Personnel during Training. February 2005. Date added 7/05-11/06 **


Updated 20 March 2019


35. Bleetman A, Steyn R. The Advanced Taser: a Medical Review. University of Birmingham, UK; April 2003. Date added before 7/05 [[


Conducted Energy Weapon (CEW) Research Index

25. Hendry P. Re: ADVANCED TASER. University of Ottawa Heart Insti. 1999:1. Date added 12/27/07


**

KEY:

Updated 20 March 2019
[[ - Denotes that study was partial or fully funded by TASER International, Inc.
** - Denotes that study was partial for fully funded by a government agency

TASER® is a registered trademark of TASER International, Inc.