Electronic Control Device Research Index as of 4-24-08

General Research	TYPE						Subjects				Data														Device				
	Medical Studies	Medical Overview / Opinion	Medical Case Report	Technical Evaluation	Field Use Results	Government / NGO Study	Animal	Human (Laboratory)	Human (Field)	Computer Modelling	Respiration	Blood Chemistry	Biomarkers	ECG (cardiac)	Ultrasound (cardiac)	Extended Duration / Multiple Applicatio	Inurty Potential / Risk-Benefit	Perofrmance / Reliability	Exhausted Subjects	Effects on Implantable Cardiac Devices	General Effects	Dose / Safety Margin	Drug / Alcohol Interaction	Association with In-Custody Deaths	TASER (Generic)	M26	X26	XREP	OC
1. Lakkireddy D, Wallick D, Verma A, et al. Cardiac effects of electrical stun guns:	1						1							1													1		
does position of barbs contact make a difference? Pacing Clin Electrophysiol.																													
Apr 2008;31(4):398-408.																													
2.Ho J, Lapine A, Joing S, Reardon R, Dawes D. Confirmation of respiration during trapezial	1							1			1														1	1			
conducted electrical weapon application. Acad Emerg Med. Apr 2008;15(4):398.																													
Sloan C, Vilke G. Viewpoint: 'Death by Tasercution' Rare. Emergency Medicine News;		1																							1				
2008.																													
3.Roberts JR. InFocus: The Medical Effects of TASERs. Emergency Medicine News; 2008.		1																							1				
Ho J. Viewpoint: Rhetoric v. Reality. Emergency Medicine News; 2008.		1																							1				
5.Vilke GM, Sloane C, Levine S, Neuman T, Castillo E, Chan TC. Twelve-lead	1							1						1											1		1		
electrocardiogram monitoring of subjects before and after voluntary exposure to the																													
Taser X26. Am J Emerg Med. Jan 2008;26(1):1-4.																													
6.Sloane CM, Chan TC, Vilke GM. Thoracic Spine Compression Fracture after TASER			1						1								1								1				
Activation. J Emerg Med. Jan 9 2008.																													
7. Mesloh, Wolf, Henych, Thompson. Less Lethal Weapons for Law Enforcement: A				1													1								1		1		
Performance-Based Analysis. Vol 18; 2008.																													
8. Ho JD, Dawes DM, Lapine AL, et al. PROLONGED TASER® “DRIVE STUN” EXPOSURE IN	1							1				1	1			1									1				
HUMANS DOES NOT CAUSE WORRISOME BIOMARKER CHANGES Hennepin County																													
Medical Center: National Association of EMS Physicians; 2008.																													
9. Winslow JE, Bozeman WP, Fortner MC, Alson RL. Thoracic compression fractures as a			1						1								1								1				
result of shock from a conducted energy weapon: a case report. Ann Emerg Med. Nov																													
2007;50(5):584-586.																													
10. Bozeman, III W, D G, B M, WE H, JJ H. Injury Profile of Electrical Conducted Energy	1								1								1								1		1		
Weapons American College of Emergency Physicians Research Forum: Wake Forest																													
University Louisiana State University 2007.																													
11. Ho JD, Dawes DM, Johnson MA, Lundin EJ, Miner JR. Impact of conducted electrical	1								1								1								1				
weapons in a mentally ill population: a brief report. Am J Emerg Med. Sep																													

2007;25(7):780-785.																													
12. Dawes D, Ho J. Excited Delirium, Police Physicians Section Track. 114th Annual IACP		1							1																1				
Conference: International Association of Chiefs of Police; 2007.																													
13. Ho JD, Dawes DM, Johnson MA, Lundin EJ, Miner JR. Impact of conducted electrical	1								1								1								1				
weapons in a mentally ill population: a brief report. Am J Emerg Med. Sep																													
2007;25(7):780-785.																													
14. Dawes DM, Ho J, Johnson M, Miner J, Lundin E. Breathing Respiratory Parameters,	1							1			1	1	1												1			1	
Venous Gases, and Chemistries With Exposure To a New Wireless Projectile Conducted																													
Electrical Weapon Lompoc District Hospital, Lompoc, CA, USA. Hennepin County Medical																													
Center, Minneapolis, MN, USA. TASER International, Scottsdale, AZ, USA: Fourth																													
Mediterranean Emergency Medicine Congress (MEMC IV); 2007.																													
15. Dawes D, Ho J, Johnson M, Miner J. 15-Second Conducted Electrical Weapon Application	1							1			1	1	1			1									1		1		
Does Not Impair Basic Respiratory Parameters, Venous Blood Gases, Or Blood																													
Chemistries Fourth Mediterranean Emergency Medicine Congress 2007.																													
Electronic Control Device Research Index as of 4-8-08																													
16. Dawes D, Ho J, Johnson M, Miner J. THE Nuroendocrine Effects Of The TASER X26	1							1				1	1																1
Conducted Electrical Weapon As Compared To Oleoresin Capsicum Fourth																													
Mediterranean Emergency Medicine Congress 2007.																													
17. Ho J, Dawes D, Calkins H, Johnson M. Absence of Electrocardiographic Change Following	1							1						1		1			1						1		1		
Prolonged Application of a Conducted Electrical Weapon in Physically Exhausted Adults																													
Fourth Mediterranean Emergency Medicine Congress 2007.																													
18. Ho J, Reardon R, Dawes D, Johnson M, Miner J. Ultrasound Measurement of Cardiac	1							1							1				1						1		1		
Activity during Conducted Electrical Weapon Application in Exercising Adults. Fourth																													
Mediterranean Emergency Medicine Congress 2007Vilke GM, Sloane CM, Bouton KD, et																													
al. Physiological Effects of a Conducted Electrical Weapon on Human Subjects. Ann																													
Emerg Med. Aug 23 2007.																													
19. Lakkireddy D, Khasnis A, Antenacci J, et al. Do electrical stun guns (TASER-X26(R)) affect	1						1													1					1		1		
the functional integrity of implantable pacemakers and defibrillators? Europace. May 9																													
2007.																													
20. Jauchem JR, Cook MC, Beason CW. Blood factors of Sus scrofa following a series of three	1						1					1				1									1		1		
TASER((R)) electronic control device exposures. Forensic Sci Int. Jul 12 2007.																													
21. Panescu D. Numerical Estimation of TASER CEW Current Flow and Effects on Human	1									1											1				1		1		
Body. Bioelectromagnetics Society 29th Annual Meeting Kanazawa, Japan: St. Jude																													
Medical; 2007.																													
22. Vilke G, Sloane C, Levine S, Neuman T, Castillo E, Chan T. Does the Taser Cause Electrical	1							1						1											1		1		
Changes in Twelve Lead ECG Monitoring of Human Subjects; 2007.																													
23. Vilke G, Sloane C, Levine S, Neuman T, Castillo E, Chan T. Does the Taser Cause Electrical																													
Changes in Twelve Lead ECG Monitoring of Human Subjects. Acad Emerg Med																													
2007;14(5):104.																													
24. Vilke G, Sloane C, Bouton K, et al.Physiological Effects of a Five Second TASER Exposure.	1							1													1				1				
2007.																													
25. Vilke G, Sloane C, Bouton K, et al. Cardiovascular and Metabolic Effects of the Taser on	1							1				1		1											1				
Human Subjects. Acad Emerg Med 2007;14(5):104-105.																													
26. Valentino D, Walter R, Dennis A, et al. TASER Discharges Capture Cardiac Rhythm in a	1						1							1											1		1		
Swine Model. Acad Emerg Med. 2007;14(5):104.																													
27. Sloane C, Vilke G, Chan T, Levine S, Dunford J. Serum Troponin I Measurement of	1							1				1	1												1		1		
Subjects Exposed to the Taser X-26. University of California, San Diego; 2007.																													
28. Sloane C, Vilke G, Chan T, Levine S, Dunford J. Serum Troponin I Measurement of	0																												
Subjects Exposed to the Taser X-26. Acad Emerg Med 2007;14(5):103-104.																													
29. Moscati R, Ho J, Dawes D, et al. Physiologic Effects of Prolonged Conducted Electrical																													
Weapon Discharge on Intoxicated Adults. Acad Emerg Med 2007;14(5):63-64.																													

30. Lakkireddy DR, Wallick D, Antenacci JA, et al. Do Electrical Stun Guns (TASER-X26®)	1						1													1					1		1	
Affect the Functional Integrity of Implantable Pacemakers and Defibrillators? Heart																												
Rhythm Society Conference Denver, CO; 2007.																												
31. Lakkireddy DR, Vacek J, Wallick D, Kowalewski, William, , et al. Effect of Varying Dart	1						1							1								1			1		1	
Separation along the Cardiac Axis on Ventricular Arrhythmia Induction during TASER																												
Application. Heart Rhythm Society Conference Denver. CO: Heart Rhythm Society; 2007.																												
32. Kroll MW, Panescu,Dorin, Ho JD, Luceri, Efimov, Igor R, Calkins,Hugh, Tchou,Patrick J.	1								1								1				1				1			
Electronic Control Device Research Index as of 4-8-08																												
Potential Errors in Autopsy Reports of Custodial Deaths Temporally Associated With																												
Electronic Control Devices: A Cardiovascular Perspective. American Academy of Forensic																												
Science Annual Conference, San Antonio, Texas; 2007.																												
33. Ho JD, Dawes DM, Bultman LL, et al. Respiratory effect of prolonged electrical weapon	1							1			1														1		1	
application on human volunteers. Acad Emerg Med. Mar 2007;14(3):197-201.																												
34. Ho JD, Dawes D, Johnson M. The State of Current Human Research and Electronic		1															1				1				1	1	1	
Control Devices (ECDs). Stadthalle Ettlingen, Germany: 4th European Symposium on																												
Non-Lethal Weapons; May 21-23 2007.																												
35. Ho J, Dawes D, Calkins H, Johnson M. Absence of Electrocardiographic Change Following	1							1						1		1			1						1		1	
Prolonged Application of a Conducted Electrical Weapon in Physically Exhausted Adults.																												
Hennepin County Medical Center; 2007.																												
36. Ho J, Dawes D, Calkins H, Johnson M. Absence of Electrocardiographic Change Following	0																											
Prolonged Application of a Conducted Electrical Weapon in Physically Exhausted Adults.																												
Acad Emerg Med 2007;14(5):128-129.																												
37. Ho J, Dawes D, Bultman L, et al. Physiologic Effects of Prolonged Conducted Electrical	1							1			1	1	1						1						1		1	
Weapon Discharge on Acidotic Adults. Hennepin County Medical Center; 2007.																												
38. Ho J, Dawes D, Bultman L, et al. Physiologic Effects of Prolonged Conducted Electrical	0																											
Weapon Discharge on Acidotic Adults. Acad Emerg Med 2007;14(5):63.																												
39. Chan T, Sloane C, Neuman T, et al. The Impact of the Taser Weapon on Respiratory And	1							1			1														1		1	
Ventilatory Function in Human Subjects? . University of California San Diego; 2007.																												
40. Chan T, Sloane C, Neuman T, et al. The Impact of the Taser Weapon on Respiratory And	0																											
Ventilatory Function in Human Subjects? Acad Emerg Med 2007;Volume 14, 5																												
Supplement 1 191-192.																												
41. Will J WJ-Y, O'Rourke A, Huebner S, Webster G CAN TASERS® DIRECTLY CAUSE	1						1							1								1			1		1	
VENTRICULAR FIBRILLATION? . University of Wisconsin-Madison; 2006.																												
42. Webster JG. Electromuscular Incapacitating Devices. Madison, WI: University of		1																										
Wisconsin-Madison; 2006.																												
43. Webster J, Will JA, Sun, H, Wu J-Y, O'rourke, AP, Huebner, SM Rahko, PS. Can Tasers®	0																											
directly cause ventricular fibrillation? Madison, WI: University of Wisconsin/Dept.																												
Biomedical Engineering; 2006.																												
44. Sun H, Abdallah J-YWR, Webster JG. Electromuscular Incapacitating Device Safety.	1						1							1											1		1	
Madison, WI: University of Wisconsin-Madison/Department of Electrical and Computer																												
Engineering; 2006.																												
45. Strote JH, Range Hutson TASER use in Restraint Related Deaths. Prehostpital Emergency	1								1								1				1				1			
Care Vol 10; 2006.																												
46. Strote J, Range Hutson H. Taser use in restraint-related deaths. Prehosp Emerg Care.	0																											
Oct-Dec 2006;10(4):447-450.																												
47. Peters JG. Sudden Death, "Excited" Delirium, and Issues of Force. Police and Security	1								1																1			
News Vol 22; 2006.																												
48. Nanthakumar K, Billingsley IM, Masse S, et al. Cardiac electrophysiological consequences	1						1							1											1		1	
of neuromuscular incapacitating device discharges. J Am Coll Cardiol. Aug 15																												
2006;48(4):798-804.																												
49. Munetz MR, Fitzgerald A, Woody M. Police use of the taser with people with mental	1								1								1								1			

illness in crisis. Psychiatr Serv. Jun 2006;57(6):883.																												
Electronic Control Device Research Index as of 4-8-08																												
50. McDaniel W, Stratbucker, Robert Testing the Cardiac Rhythm Safety of the Thoracic	1						1							1											1	1		
Application of TASER Devices: University of Missouri, MO, TASER International,																												
Scottsdale, AZ; 2006.																												
51. Marine JE. Stun guns: a new source of electromagnetic interference for implanted		1																	1						1			
cardiac devices. Heart Rhythm. Mar 2006;3(3):342-344.																												
52. Lutes M. Focus On: Management of TASER Injuries. American College of Emergency	1								1								1				1				1			
Physicians 2006.																												
53. Lipley N. Set to stun. Emerg Nurse. Sep 2006;14(5):5.		1																							1			
54. Levine Saul L, Christian, Chan, Thedore, Vilke, Gary. Cardiac Monitoring of Subjects	1							1						1											1			
Exsposed to the TASER. San Diego, California: University of California San Diego Dept of																												
Emergency Medicine; 2006.																												
55. Lakkireddy D, Wallick D, Ryschon K, et al. Effects of cocaine intoxication on the threshold	1						1							1								1	1		1		1	
for stun gun induction of ventricular fibrillation. J Am Coll Cardiol. Aug 15																												
2006;48(4):805-811.																												
56. Jenkinson E, Neeson C, Bleetman A. The relative risk of police use-of-force options:	1								1								1				1				1	1	1	
evaluating the potential for deployment of electronic weaponry. J Clin Forensic Med. Jul																												
2006;13(5):229-241.																												
57. Jauchem JR, Sherry CJ, Fines DA, Cook MC. Acidosis, lactate, electrolytes, muscle	1						1				1	1	1			1									1		1	
enzymes, and other factors in the blood of Sus scrofa following repeated TASER																												
exposures. Forensic Sci Int. Aug 10 2006;161(1):20-30.																												
58. Ho JD, Miner JR, Lakireddy DR, Bultman LL, Heegaard WG. Cardiovascular and	1							1				1	1	1							1				1		1	
physiologic effects of conducted electrical weapon discharge in resting adults. Acad																												
Emerg Med. Jun 2006;13(6):589-595.																												
59. Ho JD, Luceri, Richard , Lakireddy, Danunjaya R, Dawes, Donald M. Absence Of	1							1				1	1	1											1		1	
Electrocardiographic Effects Following Taser® Device Application In Human Volunteers.																												
Hennepin County Medical Center, Minneapolis, MN, Holy Cross Hospital, Ft.																												
Lauderdale, FL, Cleveland Clinic and Hospital, Cleveland, OH. Lompoc District																												
Hospital, Lompoc, CA; 2006.																												
60. Ho J, Dawes D, Thacker J, Lundin E, Johnson M. Beneficial Impact of Conducted Electrical	1								1								1				1				1	1	1	
Weapons in the Mentally Ill Population. Hennepin County Medical Center, Minneapolis,																												
MN; 2006.																												
61. Haegeli LM, Sterns LD, Adam DC, Leather RA. Effect of a Taser shot to the chest of a			1						1										1						1			
patient with an implantable defibrillator. Heart Rhythm. Mar 2006;3(3):339-341.																												
62. Erwin C, Philibert R. Shocking Treatment: The Use of Tasers in Psychiatric Care. The		1							1								1				1				1			
Journal of Law, Medicine Ethics. Mar1 2006;34(1).																												
63. Davison N LN. Bradford Non-Lethal Weapons Research Project Centre for Conflict					1																				1			
Resolution Department of Peace Studies March 2006.																												
64. Chen SL, Richard CK, Murthy RC, Lauer AK. Perforating ocular injury by Taser. Clin			1						1								1				1				1			
Experiment Ophthalmol. May-Jun 2006;34(4):378-380.																												
65. Bozeman WP. Unexpected Deaths in Police Custody. Florida SWAT Association 2006.		1							1								1				1				1			
66. Barnes DG, Jr., Winslow JE, III, Alson RL, Johnson J, Bozeman WP. Cardiac Effects of the																												
Taser Conducted Energy Weapon: 340. Annals of Emergency Medicine.																												
2006;48(4)(Supplement):S102.																												
67. Whitehead S. A rational response to Taser strikes. Jems. May 2005;30(5):56-66.		1							1								1				1				1			
Electronic Control Device Research Index as of 4-8-08																												
68. United States. Government Accountability Office., United States. Congress. House.						1			1								1				1				1			
Committee on Government Reform. Subcommittee on National Security Emerging																												
Threats and International Relations. Taser weapons : use of Tasers by selected law																												
enforcement agencies : report to the chairman, Subcommittee on National Security,																												

Emerging Threats and International Relations, Committee on Government Reform,																													
House of Representatives. Washington, D.C.: U.S. Government Accountability Office;																													
2005.						1			1								1				1				1		1		
69. Transcript. TASER Hearing Open Meeting. State of Wisconsin TASER Hearing; 2005.																													
70. Tintinalli JE, Kelen GD, Stapczynski JS. Emergency Medicine A Comprehensive Study	0																												
Guide (6th edition). 2005.																													
71. Sztajnkrycer MD. Cardiovascular Risk and the TASER: A Review of the Recent Literature.		1															1				1				1				
Tactical Emergency Medicine Vol 2; 2005.																													
72. Strote J, Shane Hamman, Rich Campbell, John Pease,H. Range Hutson The Role of		1							1								1				1		1		1				
TASERs in Police Restraint-Related Death. 2005.																													
73. Schmiederer B, Du Chesne A, Schmidt PF, Brinkmann B. Specific traces in stun gun				1																					1				
deployment. Int J Legal Med. Jul 2005;119(4):207-212.																													
74. Savage SS. After the Zap: TASER Injuries and How to Treat Them. National Commission		1															1				1				1				
on Correctional Health Care- Correct Care. Vol 19; 2005.																													
75. Office of the Police Complaint Commissioner. TASER Technology Review Final Report						1			1								1				1				1	1	1		
Victoria, British Columbia June 14 2005.																													
76. Ng W, Chehade M. Taser penetrating ocular injury. Am J Ophthalmol. Apr			1						1								1								1				
2005;139(4):713-715.																													
77. Mesloh C. TASER and Less Lethal Weapons: An Exploratory Analysis of Deployment and				1					1								1	1			1				1		1		
Effectiveness: Law Enforcement Executive Forum 2005; 2005.																													
78. McDaniel WC, Stratbucker RA, Nerheim M, Brewer JE. Cardiac safety of neuromuscular	1						1						1									1			1		1		
incapacitating defensive devices. Pacing Clin Electrophysiol. Jan 2005;28 Suppl																													
1:S284-287.																													
79. McBride DK, Natalie B. Tedder. Efficacy and Safety of Electrical Stun Devices. Arlington,				1					1								1	1			1				1	1	1		
VA: Potomac Institute for Policy Studies March 29 2005.																													
80. Luceri R, Caulkins H, Kroll M. An Open Letter to the Law Enforcement Community. In:		1																			1				1				
Consultants FA, ed; 2005.																													
81. Levine SD, Sloane, Christian, Chan, Theodore, Vilke, Gary, Dunford,James Cardiac	1							1					1								1				1		1		
Monitoring of Subjects Exposed to the TASER. Academic Emergency Medicine 2005;12(5																													
Supplement 1).																													
82. Letter to the Editor. Ventricular Fibrillation after Stun-Gun Charge. September			1										1												1		1		
2005;353:9																													
83. Letter to the Editor. Withdrawal of TASER Electroshock Devices :Too Much, Too Soon:.		1															1				1				1				
Annals of Emergency Medicine. September, 2005 2005;Volume 46(#3).																													
84. Laur D. Excited Delirium and its Correlation to Sudden and Unexpected Death Proximal to						1			1								1				1			1	1				
Restraint: A Review of the Current and Relevant Medical Literature Victoria Police																													
Department; April 2005.																													
85. Kim PJ, Franklin WH. Ventricular fibrillation after stun-gun discharge. N Engl J Med. Sep			1										1				1								1		1		
1 2005;353(9):958-959.																													
86. International Association of Chiefs of Police I. Electro-Muscular Disruption Technology:						1											1				1				1				
Electronic Control Device Research Index as of 4-8-08																													
Nine Step Strategy for Effective Deployment.: International Association of Chiefs of																													
Police; 2005.																													
87. Ho JD, Miner JR, Heegaard WG, Reardon RF. Deaths in police custody: An 8 month	1								1												1			1	1				
surveillance study: Hennepin County Medical Center; 2005.																													
88. Ho JD. Sudden In Custody Deaths. Police Magazine 2005.		1							1												1			1	1				
89. Ho JD, Miner, James R., Heegaard, William G., Reardon, Robert F. Deaths in American	1								1												1			1	1				
Police Custody: A 12 Month Surveillance Study. University of Minnesota Emergency																													
Medicine Program; 2005.																													
90. Force Science Research Center. FS News Readers Share Encounters With Naked					1				1												1			1	1				
Subjects. Force Science Research Center. Vol 16; 2005.																													

91. Force Science Research Center. Naked suspects: No Laughing Matter. Force Science					1				1												1			1	1				
News Vol 16; 2005.																													
92. Department of the Army. The U.S. Army Center for Health Promotion and Preventive						1											1				1				1				
Medicine's Position on whether TASER is safe to use on U.S. Army Military and Civilian																													
Personnel during Training Febuary 2005.																													
93. Dearing M, Lewis TJ. Foreign body lodged in distal phalanx of left index finger-taser dart.			1						1								1								1				
Emerg Radiol. Nov 2005;11(6):364-365.																													
94. Chief's Counsel. Electronic Control weapons: Liability Issues. The Police Chief 2005.						1			1												1				1				
95. Bozeman WP. Withdrawal of taser electroshock devices: too much, too soon. Ann Emerg		1							1												1				1				
Med. Sep 2005;46(3):300-301.																													
96. McManus J, et al. A Retrospective Case Series Describing the Injury Pattern of the	1				1				1								1				1				1	1			
Advanced TASER M26 in Multnomah County Oregon. Society of Academic Emergency																													
Medicine. Vol Volume 11; 2004.																													
97. Jauchem J. Effectiveness & Health Effects of Electro-Muscular Incapacitating Devices: Air		1					1														1				1				
Force Research Laboratory 2004.																													
98. Givens ML, Ayotte K, Manifold C. Needle thoracostomy: implications of computed	1																1				1				1				
tomography chest wall thickness. Acad Emerg Med. Feb 2004;11(2):211-213.																													
99. Bleetman A, Steyn R, Lee C. Introduction of the Taser into British policing. Implications		1							1								1				1				1				
for UK emergency departments: an overview of electronic weaponry. Emerg Med J. Mar																													
2004;21(2):136-140.																													
100. Turner MS, Jumbelic ML. Stun gun injuries in the abuse and death of a	0																												
seven-month-old infant. J Forensic Sci. Jan 2003;48(1):180-182.																													
101. Reisner AD. The electroconvulsive therapy controversy: evidence and ethics.	0																												
Neuropsychol Rev. Dec 2003;13(4):199-219.																													
102. Letter to the Editor. The (Not-So) Shocking News About Stun Guns. Journal of		1							1								1				1				1				
Emergency Medical Services 2003.																													
103. Letter to the Editor. EMS Providers Express Concern over Stun Guns. Journal of		1															1				1				1				
the Emergency Medical Services; 2003.																													
104. Knight D. Trade in the tools of torture. The U.S. government OKs the export of		0																											
shackles and stun guns. US News World Rep. Nov 24 2003;135(18):30-31.																													
105. Heck JJ. Stun guns. The medical implications. Emerg Med Serv. Jul		1															1				1				1				
2003;32(7):96-97.																													
106. Heck JJ. Stun Guns The Medical Implications. EMS; 2003:96-97.		0																											
107. Anders S, Junge M, Schulz F, Puschel K. Cutaneous current marks due to a stun			1																										
Electronic Control Device Research Index as of 4-8-08																													
gun injury. J Forensic Sci. May 2003;48(3):640-642.																													
108. Hamilton A. Stun guns for everyone. Time. Feb 4 2002;159(5):50.	0																												
109. McDaniel WC. Dual TASER Discharge: University of Missouri 2001.		1					1						1												1	1			
110. Gould M. UK civil rights groups question safety of stun guns. Bmj. Aug 11						1											1								1				
2001;323(7308):300.																													
111. Fish RM, Geddes LA. Effects of stun guns and tasers. Lancet. Sep 1		1																							1				
2001;358(9283):687-688.																													
112. Bozeman WP. Medical Threat Assessment: The TASER M26 Less Lethal Weapon		1															1				1				1				
2001.																													
113. Ben Welch E, Gales BJ. Use of stun guns for venomous bites and stings: a review.		1																			1				1				
Wilderness Environ Med. Summer 2001;12(2):111-117.																													
114. Banaschak S, Milbradt H, Humpert M, Roll P, Madea B. [Evidence for use of		1																			1				1				
electroshock devices]. Arch Kriminol. Nov-Dec 2001;208(5-6):149-158.																													
115. Karch SB, Stephens BG. Drug abusers who die during arrest or in custody. J R Soc		1							1															1					
Med. Mar 1999;92(3):110-113.																													
116. Burdett-Smith P. Stun gun injury. J Accid Emerg Med. Nov 1997;14(6):402-404.			1						1								1				1				1				

117. Tisdale JEea. Electrophysiological and Electrocardiographic Pharmacodynamics of																													
Cocaine. Pharmacotherapy. 1996;16 (3):438-445.																													
118. Tisdale JE, Shimoyama H, Sabbah HN, Webb CR. The effect of cocaine on	0																						1		0				
Ventricular fibrillation threshold in the normal canine heart. Pharmacotherapy. May-Jun																													
1996;16(3):429-437.																													
119. Pudiak CM, Bozarth MA. Cocaine fatalities increased by restraint stress. Life Sci.																							1		0				
1994;55(19):PL379-382.																													
120. Patel F. Homicidal manual strangulation and multiple stun gun injuries. Am J	0																								0				
Forensic Med Pathol. Sep 1993;14(3):271.																													
121. Fish R. Electric shock, Part III: Deliberately applied electric shocks and the		1																											
treatment of electric injuries. J Emerg Med. Sep-Oct 1993;11(5):599-603.																													
122. Mehl LE. Electrical injury from Tasering and miscarriage. Acta Obstet Gynecol		1							1								1				1				1				
Scand. Feb 1992;71(2):118-123.																													
123. Ikeda N, Harada A, Suzuki T. Homicidal manual strangulation and multiple	0																								0				
stun-gun injuries. Am J Forensic Med Pathol. Dec 1992;13(4):320-323.																													
124. Frechette A, Rimsza ME. Stun gun injury: a new presentation of the battered	0																								0				
child syndrome. Pediatrics. May 1992;89(5 Pt 1):898-901.																													
125. Allen TB. Discussion of "Effects of the taser in fatalities involving police		1							1																1				
confrontation". J Forensic Sci. Jul 1992;37(4):956-958.																													
126. O'Brien DJ. Electronic weaponry--a question of safety. Ann Emerg Med. May		1							1								1				1				1				
1991;20(5):583-587.																													
127. Kornblum RN, Reddy SK. Effects of the Taser in fatalities involving police	1								1												1			1	1				
confrontation. J Forensic Sci. Mar 1991;36(2):434-438.																													
128. Roy OZ, Podgorski AS. Tests on a shocking device--the stun gun. Med Biol Eng	0																												
Comput. Jul 1989;27(4):445-448.																													
129. Koscove E. The Taser: research, patients, and language (Tom Swift found). J	1								1								1				1				1				
Emerg Med. Jul-Aug 1988;6(4):343-344.																													
130. Ordog GJ, Wasserberger J, Schlater T, Balasubramanium S. Electronic gun (Taser)	1								1								1				1				1				
injuries. Ann Emerg Med. Jan 1987;16(1):73-78.																													
131. Koscove EM. Taser dart ingestion. J Emerg Med. Nov-Dec 1987;5(6):493-498.			1														1								1				
132. Koscove E. Taser power. Ann Emerg Med. Oct 1987;16(10):1190.		1																							1				
133. Koscove EM. The Taser weapon: a new emergency medicine problem. Ann		1																							1				
Emerg Med. Dec 1985;14(12):1205-1208.																													
134. Bernstein T. Evaluation of the Electric Shock Hazard for the NOVA XR 5000 Stun	0																												
Gun: University of Wisconsin-Madison; January 22 1985.																													
135. Zylich NP. TASER Evaluation and Analysis U.S. Government Memorandum ed:	0																												
U.S. Product Safety Commission; 1976.																													
136. Fandey JZea. TASER TF-1, CP76-5 U.S. Product Safety Commission: Letter Office						1																			1				
of the Medical Director; 1976.																													
137. Bernstein T. Letter to the Consumer Product Safety Commission. In: Commission						0																							
CPS, ed. Personal correspondence ed: University of Wisconsin-Madison; 1976.																													
138. Jeanette Michael. Jurisdiction over the TASER Public Defender: U.S. Product						0																							
Safety Commission, U.S. Government Memorandum; 1975.																													
139. Kester D, Ijames S. Patterns of Injury, Recognition, and Treatment for Less Lethal					1				1								1								1				
Law Enforcement Techniques. SO - Topics in Emergency Medicine Tactical Emergency																													
Medical Support. October/November/December 2003;25(4):316-325.																													
140. Dobrowolski ARNC, Moore SMSNRNCCENC. Less Lethal Weapons and Their		1							1								1				1				1				
Impact on Patient Care. SO - Topics in Emergency Medicine January/March																													
2005;27(1):44-49.																													

Government Funded																												
1.Hughes E, Kennett M, Murray W, Werner J, Jenkins D. Electro-Muscular	1			1		1	1			1	1		1		1						1					1		
Disruption (EMD) bioeffects: A study of the Effects of Continuous Application of																												
the TASER X26 Waveform on Swine: Penn State University																												
Institute for Non-Lethal Defense Technologies; Nov 30 2007.																												
2. United States Government Accountability Office. TASER WEAPONS: Use Of Tasers by						1			1							1				1				1				
Selected Law Enforcement Agencies Washington, D.C: U.S. Government Printing Office;																												
May 2005 2005.																												
3. Toxicolgy Excellence for Risk Assesment (TERA) AM, Patricia Nance, LINEA INC., General						1			1							1				1				1	1	1		
Dynamics, Clifford J Sherry, Metatec Associates, J Patrick Reily, Dr B JOn Klauenberg,																												
Jonathan T Drummond LT Col USAF. Human Effectiveness and Risk Characterization of																												
the Electromuscular Incapacitation Device – A Limited Analysis of the TASER Part II																												
–Appendices: The Joint Non-Lethal Weapons Human Effects Center of Excellence; March																												
1 2005.																												
4. Toxicolgy Excellence for Risk Assesment (TERA) AM, Patricia Nance, LINEA INC., General						1			1							1				1				1	1	1		
Dynamics, Clifford J Sherry, Metatec Associates, J Patrick Reily, Dr B JOn Klauenberg,																												
Jonathan T Drummond LT Col USAF. Human Effectiveness and Risk Characterization of																												
the Electromuscular Incapacitation Device – A Limited Analysis of the TASER Part I																												
–Technical Report: The Joint Non-Lethal Weapons Human Effects Center of Excellence;																												
March 1 2005.																												
5. Kenny JM, et al (PennState Applied Research Laboratory). Sticky Shocker Assessment						0																						
Rockville, MD: PennState Applied Research Laboratory; July 29 1999.																												
6. Underwriters' Laboratories I. Electric Shock as it Pertains to the Electric Fence: National						0																						
Board of Fire Underwriters Bulletin of Research; December 1939; 1955.																												
Electronic Control Device Research Index as of 4-8-08																												
International Research																												
1. Branch HOSD. Supplement to HOSDB Evaluations of Taser Devices A collection of medical						1	1		1	1				1			1				1		1		1	1	1	
evidence and other source material. Sandridge St. Albans: Home Office Scientific																												
Development Branch; 2007.																												
2. Wilkinson D. PSDB Further Evaluation of TASER Devices Hertfordshire, United Kingdom:						1																		1				
United Kingdom Police Scientific Development Branch; 2005 2005. 19/05.																												
3. JANE's Police Review. "Shock Tactics". Janes Police Review; 2005:6.						0																						
4. Cooper G. UK government's assessment of the medical risks of M26 and X26 TASERs:						1	1			1				1			1				1		1		1	1	1	
Defence Science and Technology Laboratory October 2005; 28 October 2005 2005.																												
5. Canadian Police Research Centre. Review of conducted energy devices. Ottawa, ON:						1																		1				
Canadian Police Research Centre August 22, 2005 2005.																												
6. United Kingdom Defence Scientific Advisory Council. DSAC Sub-Committee on the						1										1				1				1	1	1		
Medical Implications of Less-lethal Weapons United Kingdom Defence Scientific Advisory																												
Council; 27 July 2004 2004.																												
7. Laur SD. Excited delrium and its correlation to sudden and unexpected death proximal to						1			1														1	1				
restraint: Canadian Police Research Centre; September 2004 2004.																												
8. Hochmeister MeaMUoV. Findings and Expert Opinion on the Use of the TASER X26						1										1				1				1		1		
Weapon as a Service Weapon: Medical University of Vienna; 08 November 2004 2004.																												
9. Commissioner. London Metropolitan Police Authority Review of TASER use: Metropolitan					1	1																		1				
Police Authority; September 2004 2004.																												
10. Chairman DS-CoMIoLLW. United Kingdom DOMILL Report on TASER M26 Medical	1					1	1			1				1			1				1	1	1		1	1	1	
Implications: DSAC Sub-Committee on Medical Implications of Less lethal Weapons;																												
March 2004 2004.																												
11. Battershill P, et al TASER Technology Review & Interim Recommendations: British					1	1										1				1			1	1				

	Medical Studies	Medical Overview / Opinion	Medical Case Report	Technical Evaluation	Field Use Results	Government / NGO Study	Animal	Human (Laboratory)	Human (Field)	Computer Modelling	Respiration	Blood Chemistry	Biomarkers	ECG (cardiac)	Ultrasound (cardiac)	Extended Duration / Multiple Application	Inurty Potential / Risk-Benefit	Perofrmance / Reliability	Exhausted Subjects	Effects on Implantable Cardiac Devices	General Effects	Dose / Safety Margin	Drug / Alcohol Interaction	Association with In-Custody Deaths	TASER (Generic)	M26	X26	XREP	OC
Columbia Office of the Police Complaint Commissioner; September 2004 2004.																													
12. Zurich Switzerland Police Scientific Service. WD Statement Regarding TASER 07 July						1																			1				
2003 2003.																													
13. The Alfred Hospital. Advanced TASER X-26 Safety Analysis 29 June 2003 2003.						1											1				1				1		1		
14. The Alfred Hospital. Advanced TASER M-26 Safety Analysis The Alfred Hospital; 22						1											1				1				1	1			
September 2003 2003.																													
15. Bleetman A, Richard Steyn. The Advanced TASER: A Medical Review: University of		1															1				1				1				
Birmingham, UK; April 2003 2003.																													
16. Northern Ireland Office AoCPO. A Research Programme into Alternative Policing						1																			1				
Approaches Towards the Management of Conflict: Northern Ireland Office, Association																													
of Chief Police Officers; December, 2002 2002.																													
17. Harrison RG. ADVANCED TASER® M26 LESS LETHAL SYSTEM. In: TASER, ed. A review of		1																							1	1			
the literature and conclusion. ed. Ottawa; 2000:6.																													
18. Hendry P. Personal Correspondance. In: TASER, ed. Opinion on the medical safety of the		1																		1	1				1	1			
TASER in regard to patients with either pacemakers or implantable defibrillators. ed.																													
Ottawa: University of Ottawa Heart Insti; 1999:1.																													
TASER:	52	39	11	5	7	27	18	20	52	4	8	12	9	24	1	7	60	2	4	5	64	6	7	10	129	18	45	1	1