

# Bomb, Blast, and Crush Injuries

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## REFERENCES

1. <https://www.state.gov/documents/organization/272485.pdf> (National Consortium for the Study of Terrorism and Responses to Terrorism: Annex of Statistical Information Country Reports on Terrorism 2016. July 2017.) Accessed April 13, 2018.
2. Champion HR, Holcomb JB, Young LA: Injuries from explosions: physics, biophysics, pathology, and required research focus. *J Trauma* 66: 1468, 2009. [PMID: 19430256]
3. No authors listed: SALT mass casualty triage. *Disaster Med Public Health Prep* 2: 245, 2008. [PMID: 19050431]
4. Holt GR: Making difficult ethical decisions in patient care during natural disasters and other mass casualty events. *Otolaryngol Head Neck Surg* 139: 181, 2008. [PMID: 18656712]
5. Kashuk JL, Halperin P, Caspi G, Colwell, Moore EE: Bomb explosions in acts of terrorism: evil creativity challenges our trauma systems. *J Am Coll Surg* 209: 134, 2009. [PMID: 19651074]
6. Kilner TM, Brace SJ, Cooke MW, Stallard N, Bleetman A, Perkins GD: In "big bang" major incidents do triage tools accurately predict clinical priority? A systematic review of the literature. *Injury* 98: 460, 2011. [PMID: 21130438]
7. Kapur GB, Hutson HR, Davis MA, Rice PL: The United States twenty-year experience with bombing incidents: implications for terrorism preparedness and medical response. *J Trauma* 59: 1436, 2005. [PMID: 16394919]
8. Wolfson N: Orthopedic triage during natural disasters and mass casualties: do scoring systems matter? *Int Orthop* 37: 1439, 2013. [PMID: 23827955]
9. Gates J, Arabian S, Biddinger P, et al: The initial response to the Boston Marathon bombing: lessons learned to prepare for the next disaster. *Ann Surg* 260: 960, 2014. [PMID: 25386862]
10. Jacobs LM, McSwain NE, Rotondo MF, et al: The Hartford consensus: THREAT, a medical disaster preparedness concept. *J Am Coll Surg* 217: 947, 2013. [PMID: 24139220]
11. Bowen L, Moore D, Okun M: Is blast injury a modern phenomenon? Early descriptions of mining and volcanic traumatic brain injury with relevance to modern terrorist attacks and military warfare. *Neurologist* 21: 19, 2016. [PMID: 26926850]
12. Yeh DD, Schecter WP: Primary blast injuries—an updated concise review. *World J Surg* 369: 966, 2012. [PMID: 22411082]
13. Wolf SJ, Beberta VS, Bonnett CJ, Pons PT, Cantrill SV: Blast injuries. *Lancet* 374: 405, 2009. [PMID: 19631372]
14. Smith JE: Blast lung injury. *J R Nav Med Serv* 97: 99, 2011. [PMID: 22372014]
15. Mackenzie IM, Tunnicliffe B: Blast injuries to the lung: epidemiology and management. *Philos Trans R Soc Lond B Biol Sci* 366: 295, 2011. [PMID: 21149366]
16. Peters P: Primary blast injury: an intact tympanic membrane does not indicate the lack of a pulmonary blast injury. *Mil Med* 176: 110, 2011. [PMID: 21305971]
17. Remenschneider A, Lookabaugh S, Alphas A, et al: Otologic outcomes after blast injury: the Boston Marathon experience. *Otol Neurotol* 35: 1825, 2014. [PMID: 253939374]
18. Owers C, Morgan JL, Garner JP: Abdominal trauma in primary blast injury. *Br J Surg* 98: 168, 2011. [PMID: 21104699]
19. Bowley D, Gillingham S, Mercer S, Schrager J, West A: Pneumoperitoneum without visceral trauma: an under-recognized phenomenon after blast injury? *J R Army Med Corps* 159: 312, 2013. [PMID: 24277924]
20. Magnuson J, Leonessa F, Ling GS: Neuropathology of explosive blast traumatic brain injury. *Curr Neurol Neurosci Rep* 12: 570, 2012. [PMID: 22836523]
21. Hoge CW, McGurk D, Thomas JL, Cox AL, Engel CC, Castro CA: Mild traumatic brain injury in U.S. soldiers returning from Iraq. *N Engl J Med* 358: 453, 2008. [PMID: 18234750]
22. Bass CR, Panzer MB, Rafaels KA, Wood G, Shridharani J, Capehart B: Brain injuries from blast. *Ann Biomed Eng* 40: 185, 2012. [PMID: 22012085]
23. Rosenfeld JV, McFarlane AC, Bragge P, Armonda RA, Grimes JB, Ling GS: Blast-related traumatic brain injury. *Lancet Neurol* 12: 882, 2013. [PMID: 23884075]
24. Courtney MW, Courtney AC: Working toward exposure thresholds for blast-induced traumatic brain injury: thoracic and acceleration mechanisms. *Neuroimage* 54 (Suppl 1): S55, 2011. [PMID: 20483376]
25. Chen Y, Huang W: Non-impact, blast-induced mild TBI and PTSD: concepts and caveats. *Brain Inj* 25: 641, 2011. [PMID: 21604927]
26. Schultz BA, Cifu DX, McNamee S, Nichols M, Carne W: Assessment and treatment of common persistent sequelae following blast induced mild traumatic brain injury. *Neuro-Rehabilitation* 28: 309, 2011. [PMID: 21725164]
27. Yeoh S, Bell E, Moson K: Distribution of blood-brain barrier disruption in primary blast injury. *Ann Biomed Eng* 41: 2206, 2013. [PMID: 23568152]
28. Kragh JF Jr, Beebe DF, O'Neill ML, et al: Performance improvement in emergency tourniquet use during the Baghdad surge. *Am J Emerg Med* 31: 873, 2013. [PMID: 23481155]
29. Glasgow SM, Allard S, Doughty H, Spreadborough P, Watkins E: Blood and bombs: the demand and use of blood following the London bombings of 7 July 2005—a retrospective review. *Transfus Med* 22: 244, 2012. [PMID: 22809430]
30. Scott R: The injured eye. *Philos Trans R Soc Lond B Biol Sci* 366: 251, 2011. [PMID: 21149360]
31. Sever MS, Vanholder R: Management of crush victims in mass disasters: highlights from recently published recommendations. *Clin J Am Soc Nephrol* 8: 328, 2013. [PMID: 23024157]
32. Satish S, Rajesh R, Kurian G, Seethalekshmi NV, Unni M, Unni VN: Recurrent acute renal failure. *Indian J Nephrol* 20: 217, 2010. [PMID: 21206687]
33. Sellei RM, Hildebrand F, Pape HC: Acute extremity compartment syndrome: current concepts in diagnostics and therapy. *Unfallchirurg* 117: 633, 2014. [PMID: 25030961]
34. Strauss MB: The effect of hyperbaric oxygen in crush injuries and skeletal muscle-compartment syndromes. *Undersea Hyperb Med* 39: 847, 2012. [PMID: 22908841]