

Appendix 2 List of excluded studies with reasons

Study ID	Reason	Reference
Al Mulhim, 2012	Pregnancy loss or not after trauma in Arabic pregnant women	<i>EMHJ. Vol. 18 No. 5 2012</i>
Battaloglu 2016	From a cohort of 15,140 female patients, 173 were pregnant women in the trauma registry. 55.5% of them from vehicle collision	SR Petrone, 2017 <i>Injury, Int. J. Care Injured 47 (2016) 184-187</i>
Barre 2006	Pregnant women with abdominal trauma during pregnancy (n=65). Half of them from a traffic accident.	SR Petrone, 2017 <i>La Revue Sage-Femme. Vol 5, Issue 6, 2006, 312-316</i>
Cannada 2010	Pregnant women with orthopaedic injuries (n=65)	SR Petrone, 2017 <i>Injury, Infection, and Critical Care.2010. Vol. 69 (3)</i>
Chamberlain, 2011	Communication abstract. Retrospective cohort study. Identification of 272 pregnant trauma victims. 78.6% of them incurred in a MVC. No data to extract	<i>American Journal of Obstetrics & Gynecology Supplement to January 2011</i>
Cheng, 2012	Maternal complications during delivery according to uninjured, minor and severe injuries. 2,881 pregnant women (47,4%) involved in MVC	<i>World J Surg (2012) 36:2767–2775</i>
Connolly, 1997	476 maternal records of trauma cases. 54.6% were MVC. No more data available	<i>American Journal of Perinatology.1997.Vol. 14 (6)</i>
Corsi 1999	Twenty-seven traumatised pregnant women were analysed retrospectively over a period of 9 years in Sao Paulo, Brazil	SR Petrone, 2017 <i>Injury, Int. J. Care Injured 30 (1999) 239-243</i>
Dannenberg, 1995	Homicide and other injuries as causes of maternal death between 1987 and 1991 in New York	<i>Am J Obstet Gynecol Vol.172 (5)</i>
Deshpande, 2017	Trauma impact on maternal mortality. Comparability between pregnant vs. non pregnant women	<i>American Journal of Obstetrics & Gynecology 2017. 590.e2</i>
El Kady 2004	Retrospective cohort study of women hospitalized for Trauma in California	SR Petrone, 2017 <i>American Journal of Obstetrics and Gynecology (2004) 190, 1661-8</i>
El Kady D, 2006	Fractures injuries on maternal/neonatal outcomes in United States	SR Méndez -Figuroa 2013 <i>American Journal of Obstetrics and Gynecology (2006) 195, 711–6</i>
Fischer 2011	Minor trauma and poor fetal outcomes in Tennessee, Memphis	SR Petrone, 2017 <i>Injury, Infection, and Critical Care. 2011. Vol. 71 (1)</i>
Gibbins, 2017	Communication. MVC and Stillbirth. Secondary analysis of 439 stillbirth	<i>American Journal of Obstetrics & Gynecology Supplement to January 2017</i>
Goodwin, 1990	Case-series of trauma pregnant women between 1987 and 1988 in Los Angeles	SR Méndez -Figuroa 2013 <i>Am J Obstet Gynecol. 1990 Vol. 162 (3).</i>
Hardt, 2013	Prenatal risk screening to identify women at increased risk for traumatic pregnancy-	<i>Women's Health Issues 23-3 (2013) e187–e193</i>

	associated death	
Hardy, 1974	Maternal mortality ratios at large urban charity hospitals from 1941 to 1971	<i>Obstetric and Gynecology. 1974. Vol.43 (1)</i>
Harland 2014	Risks factors of maternal injuries in a population-based sample of pregnant women from Iowa	SR Petrone, 2017 <i>Journal of Women's Health. 2014. Vol. 23 (12)</i>
Hitosugi 2006	135 traffic accidents involving Japanese pregnant women from insurance companies. The outcomes of neonates determined by their condition 1 month after birth (death/abortion/healthy)	SR Petrone, 2017 <i>Forensic Science International 159 (2006) 51-54</i>
Ikossi, 2005	Risks factors of trauma in pregnant women from San Francisco, California	<i>J Am Coll Surg. Vol. 2005. 200 (1)</i>
Lynch, 2011	Pregnancy associated- death in Ohio: 2003-2007	American Journal of Obstetrics & Gynecology Supplement to January 2011
Manoogian, 2015	Injuries characteristics between pregnant vs non pregnant women occupants (not outcome)	<i>Accident Analysis and Prevention 74 (2015). 69–76</i>
Melamed 2012	Outcomes following blunt trauma in Pregnant women from Israel	SR Petrone, 2017 <i>The Journal of Maternal-Fetal and Neonatal Medicine. 2012; 25(9): 1612–1617</i>
Mesdaghinia, 2012	Causes of trauma in 32 pregnant women with trauma in a Hospital in Iran	<i>Arch Trauma Res. 2012;1(1):23-26</i>
Nannini, 2008	Risks of injury in pregnant women in Massachusets	<i>Journal of Midwifery & Women's Health.2008. Vol.53 (1)</i>
Omoke, 2013	Trauma during pregnancy in a Nigerian setting	<i>Int J Crit Illn Inj Sci. 2013; 3(4): 269–273.</i>
Osei-Ampofo, 2016	A cross-sectional study with 134 pregnant women from Ghana visiting the emergency care. Leading injury MVC (23%). Not outcomes	<i>African Journal of Emergency Medicine (2016) 6, 87 –93</i>
Pak, 1998	Delivery outcomes after a blunt abdominal trauma in 85 pregnant women	<i>Am J Obstet Gynecol. 1998. Vol. 179 (5)</i>
Patteson, 2007	High risk factors involved in trauma during pregnancy. Not outcomes	<i>The Journal of TRAUMA Injury, Infection, and Critical Care. 2007. Vol 62 (4)</i>
Pearlman, 1990	Not possible to assess full text	SR Méndez -Figuroa 2013
Schiff, 1997	Seat Bealt use. Protective factor of maternal mortality after a MVC in Mexico	<i>WJM, 1997. Vol. 167 (1)</i>
Schuster, 2016	Communication abstract. Impact of blunt trauma on maternal and pregnancy outcome. MVC the most common injury mechanism (70%). Pennsylvania Trauma Systems Foundation Database (1996-2013).	<i>American Journal of Obstetrics & Gynecology. Supplement to January 2016</i>
Schuster, 2018	Pennsylvania Trauma Systems Foundation Database. ISS>9 and SBP<90mmHg are predictors for poor outcomes after trauma during pregnancy	<i>Trauma, 2018. Vol. 20(1) 30–37</i>
Sela, 2011	Treatment provided to pregnant motor vehicle accident (MVA) casualties in a mature trauma system in Israel	<i>Annals of Surgery, 2011.Vol.254 (2)</i>

Shah, 1998	Trauma in general in pregnant women	<i>J Trauma. 1998 Jul;45(1):83-6</i>
Shakerian 2015	Determining adherence to recommended imaging guidelines in pregnant women from Victoria, Australia	SR Petrone, 2017 <i>J Trauma Acute Care Surg. 2015. Vol. 78 (1)</i>
Shiff 2002	Retrospective cohort study to assess outcomes of pregnant women hospitalized for injury in Washington State from 1989 to 1997	SR Petrone, 2017 <i>J Trauma. 2002; 53: 939–945.</i>
Sirin, 2007	Report the prevalence of seatbelt counselling by prenatal care providers during pregnancy in USA	<i>Matern Child Health J (2007) 11:505–510</i>
Tinker 2010	Risks factors involved in injuries in pregnant women from the National Birth Defects Prevention Study, USA	SR Petrone, 2017 <i>Journal of Women's Health. 2010. Vol. 19 (2)</i>
Van der Knoop, 2015	Effect of maternal trauma in fetal motility at term and at one year of age	<i>Early Human Development 91 (2015) 511–517</i>
Van der Knoop, 2018	Matched case-control study. Neurobehavioral outcome in 6-18 year old children after trauma in pregnancy	<i>European Journal of Paediatric Neurology (2018), 22(5):845-853</i>
Vladutiu, 2013b	Same sample Vladutiu 2013a; excluded as a secondary analysis from already included study	<i>Accid Anal Prev. 2013; 55: 165–171</i>
Wahabi, 2007	45 MVC case series pregnant women collected over a 10- year period	<i>Saudi Med J. 2007. Vol. 28 (9)</i>
Wall 2014	Pregnant trauma patients from South Africa (mainly assaults)	SR Petrone, 2017 <i>Injury, Int. J. Care Injured 45 (2014) 1220–1223</i>
Weiner 2016	Minor trauma during pregnancy, not associated with adverse pregnancy outcomes, Israel	SR Petrone, 2017 <i>European Journal Of Obstetrics & Gynecology and Reproductive Biology 203 (2016): 78–81</i>
Weiss, 1999	Retrospect review of death certificates	<i>43rd Annual Proceedings Association for the Advancement of Automotive Medicine September 20-21, 1999. Barcelona (Sitges), Spain</i>
Weiss, 2001	Retrospect review of death certificates	<i>JAMA, 2001. Vol. 286 (15)</i>
Weiss, 2002a	N/A	
Zangene, 2015	102 cases of trauma in pregnancy registered in Iran from 2007 to 2010. MVC the most frequent (45%)	<i>Global Journal of Health Science. 2015. Vol 7 (2)</i>