

On-line Supplementary File 1. Demographic, clinical and injury characteristics among trauma patients with blunt spleen injury (1996-2007).

Characteristic	All, N=538, n (%)	OM ^a , N=150, n (%)	NOM ^b , N=388, n (%)
Place of residence			
Calgary	261 (49)	79 (53)	182 (47)
Other	277 (51)	71 (47)	206 (53)
Median age (IQR)^c	34 (23-49)	33 (23-46.5)	34 (23-49)
Sex			
Male	395 (73)	117 (78)	278 (72)
Female	143 (27)	33 (22)	110 (28)
Injury severity score (ISS)			
Median ISS (IQR) ^c	27 (19-34)	34 (25 – 43)	24 (17 -32)
ISS < 25	231 (43)	30 (20)	201 (52)
ISS 25+	307 (57)	120 (80)	187 (48)
MAIS^f head			
No head injury	244 (45)	62 (41)	182 (47)
1-2	113 (21)	20 (13)	93 (24)
3-5	180 (33)	67 (45)	113 (29)
6	1 (1)	1 (1)	0 (0)
MAIS abdomen			
1-2	250 (46)	29 (19)	221 (57)
3-5	288 (54)	121 (81)	167 (43)
Hours between injury event and arrival at trauma centre			
<1	159 (30)	54 (36)	105 (27)
1-4	185 (34)	56 (38)	129 (33)
4-24	133 (25)	24 (16)	109 (28)
> 24	14 (3)	2 (1)	12 (3)
Not documented	47 (9)	14 (9)	33 (8)
Median (IQR) ^c	1.95 (0.80 – 4.55)	1.63 (0.58 – 3.47)	2.17 (0.88 – 5.25)
Interventions required prior to arrival or in the emergency department			
Endotracheal intubation	194 (36)	93 (62)	101 (26)
Assisted ventilation	182 (34)	90 (60)	92 (24)
CPR, defibrillation or conversion	20 (4)	17 (11)	3 (1)
First recorded GCS^d			
3-8	20 (4)	12 (8)	8 (2)
9-12	10 (2)	2 (1)	8 (2)
13-15	335 (62)	72 (48)	263 (68)
Unknown / unable to record/missing	173 (32)	64 (43)	109 (28)
Fluid resuscitation requirements in the first 4 hours			
Median units PRBC ⁱ (IQR ^c) ⁷ missing	0 (0-2)	3 (1-7)	0 (0-0)

Median volume of crystalloid (ml) (IQR ^c)5 missing	2000 (825 - 4000)	5400 (3000 – 7500)	1300 (500 -2800)
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^aOM = operative management

^bNOM = non-operative management

^cIQR = interquartile range

^dATV = All-Terrain Vehicle

^eOther includes: 3 railway incidents, 1 parachute incident, 1 avalanche victim, 2 explosions and 2 patients crushed between objects

^fMAIS = maximum abbreviated injury score