

## Supplementary materials

**Table 1. Full comparative dataset of demographic, laboratory, and clinical characteristics between patients with and without crush syndrome.**

Features	Crush Syndrome n=58	No Crush Syndrome n=80	P value
<b>Gender</b>			0.5
<b>Female</b>	35(60.3)	53 (66.3)	
<b>Male</b>	23(39.7)	27(33.8)	
<b>Age (year)</b>	72.7±8.3	72.1±7.3	0.6
<b>Time spent in the wreck(hour) mean±SD</b>	43 (14-247)	70.0(6-322)	0.07
<b>Fasting blood sugar level (mg/dL) mean±SD</b>	169.2±93.7	142.2±59.9	0.04
<b>Blood urea nitrogen level (mg/dL) mean±SD</b>	77.7±48.1	53.9±48.4	0.05
<b>Creatinine level (mg/dL) mean±SD</b>	0.9(0.3-11.2)	0.7(0.3-8.4)	0.03
<b>Blood sodium level (mmol/L) mean±SD</b>	140.6±5.1	139.6±3.0	0.2
<b>Blood potassium level (mmol/L) mean±SD</b>	4.4±0.6	4.3±0.5	0.4
<b>Blood calcium level (mg/dL) mean±SD</b>	8.4±0.6	8.6±0.5	0.03
<b>Blood lactate dehydrogenase level mean±SD</b>	494.5±262.8	286.2±174.7	<0.01
<b>Blood creatine kinase level (u/L) mean±SD</b>	972.7±123.9	359.1±267.4	<0.01
<b>White blood cell count (x10<sup>3</sup>/uL) mean±SD</b>	14.1±5.5	10.1±3.5	<0.01
<b>Haemoglobin level (g/dL) mean±SD</b>	12.1±2.6	11.8±2.0	0.5
<b>Platelet count (x10<sup>3</sup>/uL) mean±SD</b>	228.4±69.8	263.6±91.8	0.02
<b>Absolute neutrophil count (x10<sup>3</sup>/uL) mean±SD</b>	11.8±5.3	7.5±3.3	<0.01
<b>Absolute lymphocyte count (x10<sup>3</sup>/uL) mean±SD</b>	1.3±0.6	1.5±0.7	0.05
<b>Absolute monocyte count (x10<sup>3</sup>/uL) mean±SD</b>	0.8±0.4	0.7±0.3	0.05
<b>Head Trauma</b>	12(20.7)	13(16.3)	0.5
<b>Upper extremity fracture</b>	27(46.6)	21(26.3)	0.01
<b>Lower extremity fracture</b>	24(41.4)	43(53.8)	0.2

<b>Lumbar fracture</b>	11(19.0)	13(16.3)	0.7
<b>Cervical fracture</b>	3(5.2)	2(2.5)	0.4
<b>Thoracic spine fracture</b>	10 (17.2)	9 (11.3)	0.3
<b>Pelvic fracture</b>	6(10.3)	17(21.3)	0.09
<b>Abdominal trauma</b>	8(13.8)	7(8.8)	0.3
<b>Chest trauma</b>	27(46.6)	25(31.3)	0.07
<b>Surgery</b>	20(34.5)	41(51.2)	0.06
<b>Fasciotomy</b>	8 (13.8)	2 (2.5)	0.01
<b>Amputation</b>	5(8.6)	0(0)	<0.01
<b>Hospitalization days median (min-max)</b>	5(1-63)	6(1-29)	0.2
<b>Death mean±SD</b>	8(13.8)	4(5.0)	0.07
<b>Hemodialysis mean±SD</b>	8(13.8)	2(2.5)	0.01