

**Supplementary Table SI.** Age and Gender distribution of pediatric burn inpatients*(n, %)*

<b>Age (Y)</b>	<b>Cases</b>	<b>Male</b>	<b>Female</b>
< 1	182 (15.4)	108 (59.3)	74 (40.7)
$1 \leq Y < 3$	747 (63.1)	460 (61.6)	287 (38.4)
$3 \leq Y < 7$	202 (17.1)	106 (52.5)	96 (47.5)
$7 \leq Y < 14$	53 (4.5)	33 (62.3)	20 (37.7)
Total	1184 (100.0)	707 (59.7)	477 (40.3)

**Supplementary Table SII.** Injury analysis of pediatric burn inpatients

<b>Variable</b>	<b>Cases</b>	<b>Percentage</b>
Number of parts		
A single site	261	22.0
Two or more parts	923	78.0
Burn site		
Head, face and neck	518	43.8
Upper limb	610	51.5
Trunk	691	58.4
Buttocks and perineum	142	12.0
Lower limb	532	44.9
TBSA		
TBSA < 5%	100	8.4
5% ≤ TBSA < 15%	722	61.0
15% ≤ TBSA < 25%	270	22.8
25% ≤ TBSA	92	7.8
Burn depth		
Shallow second-degree	215	18.2
Shallow second-degree - deep	632	53.4
Second-degree		
Deep second-degree	170	14.4
Deep second-degree- third-degree	92	7.8
Third-degree	75	6.3
Burn severity		
Mild	52	4.4
Moderate	816	68.9
Severe	225	19.0
Extremely severe	91	7.7

**Supplementary Table SIII.** Analysis of burn causes in children of different age groups (*n*, %)

<b>Age (Y)</b>	<b>Cases</b>	<b>Cause of burns</b>		
		<b>Hydrothermal scalding</b>	<b>Flame burn</b>	<b>Others</b>
< 1	182	178 (97.8)	4 (2.2)	0
1 ≤ Y < 3	747	715 (95.7)	15 (2.0)	17 (2.3)
3 ≤ Y < 7	202	172 (85.1)	19 (9.4)	11 (5.4)
7 ≤ Y < 14	53	35 (66.0)	13 (24.5)	5 (9.4)
Total	1184	1100 (92.9)	51 (4.3)	33 (2.8)

**Supplementary Table SIV.** Family origin and burn location distribution of burned children (*n*, %)

<b>Family areas</b>	<b>Cases</b>	<b>Indoor</b>	<b>Outdoor or public places</b>
Urban	253 (21.4)	242 (95.7)	11 (4.3)
Suburban	430 (36.3)	405 (94.2)	25 (5.8)
Rural	501 (42.3)	446 (89.0)	55 (11.0)
Total	1184 (100.0)	1093 (92.3)	91 (7.7)

**Supplementary Table SV.** Clinical outcomes of children with different prehospital treatments (*n*; %)

<b>Prehospital treatments</b>	<b>Cases</b>	<b>Cured</b>	<b>Improved</b>	<b>Otherwise</b>
Reasonable	591	152 (25.7)	433 (73.3)	6 (1.0)
Untreated	553	99 (17.9)	446 (80.7)	8 (1.4)
Unreasonable	40	6 (15.0)	31 (77.5)	3 (7.5)
Total	1184	257 (21.7)	910 (76.9)	17 (1.4)

**Supplementary Table SVI.** Comparison of hospital stay in patients treated with different wound treatment

<b>Group</b>	<b>The acellular pig skin covering</b>	<b>The dressing change</b>	<b><i>t</i> value</b>	<b><i>P</i>-value</b>
The days of hospitalization	10.78 ±4.00	13.26 ±6.71	3.588	0.0004