

Table 1) Comparison between Mean Values of Heart Rate, Systolic Blood Pressure, Diastolic Blood Pressure and Arterial Mean Pressure before, immediately after and One, Three and Five Minutes after Intervention in Three Groups

Variables	Control Group	Intravenous Group	Spray Group
Heart Rate			
Before Intervention	71.80±10.79	75.73±10.54	75.46±15.78
Immediately after Intervention	82.93±9.60	78.93±10.13	76.16±13.92
One Minute after Intervention	85.43±7.82	77.30±9.71	79.03±15.85
Three Minutes after Intervention	82.33±8.57	74.46±11.11	74.83±14.07
Five Minutes after Intervention	79.60±8.46	72.23±11.38	72.26±13.33
Systolic Blood Pressure (mmHg)			
Before Intervention	96.10±13.16	93.16±8.08	98.10±12.07
Immediately after Intervention	114.26±15.66	106.03±10.12	104.40±11.71
One Minute after Intervention	119.30±11.27	107.03±8.08	105.03±12.27
Three Minutes after Intervention	119.46±15.03	106.60±9.81	99.70±10.58
Five Minutes after Intervention	117.53±12.81	104.60±9.94	96.26±9.64
Diastolic Blood Pressure (mmHg)			
Before Intervention	58.03±9.92	55.43±7.64	58.13±10.92
Immediately after Intervention	72.53±10.93	67.46±9.98	64.00±10.63
One Minute after Intervention	73.16±9.03	65.16±8.74	62.56±9.57
Three Minutes after Intervention	73.40±2.25	65.03±11.53	59.52±9.82
Five Minutes after Intervention	74.70±11.63	64.80±9.68	57.46±10.15
Arterial Mean Pressure (mmHg)			
Before Intervention	70.63±10.45	67.83±6.85	70.46±10.34
Immediately after Intervention	87.10±12.85	80.53±9.96	77.30±10.49
One Minute after Intervention	89.10±10.79	78.86±8.22	75.56±10.83
Three Minutes after Intervention	88.00±13.65	87.80±10.83	72.63±10.29
Five Minutes after Intervention	88.60±11.71	77.23±9.12	69.53±9.99