

VARIABLE	IMMEDIATE RESUSCITATION (N = 309)	DELAYED RESUSCITATION (N = 289)	P VALUE
<b>Before arrival at the hospital</b>			
Ringer's acetate (ml)	870±667	92±309	<0.001
<b>Trauma center</b>			
Ringer's acetate (ml)	1608±1201	283±722	<0.001
Packed red cells (ml)	133±393	11±88	<0.001
<b>Operating room†</b>			
Ringer's acetate (ml)	6772±4688	6529±4863	0.31
Packed red cells (ml)	1942±2322	1713±2313	0.07
Fresh-frozen plasma or platelet packs (ml)	357±1002	307±704	0.45
Autologous-transfusion volume (ml)	95±486	111±690	0.76
Hetastarch (ml)	499±717	542±696	0.41
Rate of intraoperative fluid administration (ml/min)	117±126	91±88	0.008

\*Plus-minus values are means ±SD.

†For these analyses there were 268 patients in the immediate-resuscitation group and 260 patients in the delayed-resuscitation group.

**Table 4.** Total Volumes of Fluids Administered to Patients with Penetrating Torso Injuries, According to Treatment Group.