

ESTIMATED FLUID AND BLOOD LOSS ON PATIENT'S INITIAL PRESENTATION*				
	Class I	Class II	Class III	Class IV
Blood Loss (mL)	Up to 750	750 – 1500	1500 – 2000	>2000
Blood Loss (% of Blood Volume)	Up to 15%	15 –30%	30 – 40%	> 40%
Pulse Rate	< 100	> 100	> 120	> 140
Blood Pressure	Normal	Normal	Decreased	Decreased
Pulse Pressure (mm Hg)	Normal or Increased	Decreased	Decreased	Decreased
Respiratory Rate	14 – 20	20 – 30	30 – 40	> 35
Urine Output (mL/hr)	> 30	20 – 30	5 – 15	Negligible
CNS and Mental Status	Slightly Anxious	Mildly Anxious	Anxious, Confused	Confused, Lethargic
Fluid Replacement (3:1 Rule)	Crystalloid	Crystalloid	Crystalloid and Blood	Crystalloid and Blood
<p><i>Source: From the ACS Committee on Trauma, Advanced Trauma Life Support Instructor's Manual, 1993 edition. By permission of the American College of Surgeons.</i></p> <p>* For a 70-kg male</p>				