

Download Gratis Manual ATLS 9 Edicion Espanol

PARAMETER	CLASS I	CLASS II (MILD)	CLASS III (MODERATE)	CLASS IV (SEVERE)
Approximate blood loss	<15%	15-30%	31-40%	>40%
Heart rate	→	→/↑	↑	↑/↑↑
Blood pressure	→	→	→/↓	↓
Pulse pressure	→	↓	↓	↓
Respiratory rate	→	→	→/↑	↑
Urine output	→	→	↓	↓↓
Glasgow Coma Scale score	→	→	↓	↓
Base deficit*	0 to -2 mEq/L	-2 to -6 mEq/L	-6 to -10 mEq/L	-10 mEq/L or less
Need for blood products	Monitor	Possible	Yes	Massive Transfusion Protocol

*Base excess is the quantity of base (HCO₃⁻, in mEq/L) that is above or below the normal range in the body. A negative number is called a base deficit and indicates metabolic acidosis.

Data from: Mutschler A, Nienaber U, Brockamp T, et al. A critical reappraisal of the ATLS classification of hypovolemic shock: does it really reflect clinical reality? *Resuscitation* 2003;54:329-335.

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