

Abstract

The concept of arterial-cardiac relationship is important in understanding the pathophysiology of cardiovascular diseases. This parameter is considered crucial in assessing the cardiovascular status and performance of a subject. V-A coupling can be defined as the ratio of the arterial elastance (E_a) to the ventricular elastance (E_{es}).

The role of V-A coupling in the management of critically ill patients with severe hemodynamic instability and shock is becoming increasingly clear

Key Words :

Ventricular to arterial Wall Elastance - Different Shock States