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Non-invasive advanced hemodynamic monitoring: More information, less needles

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Cardiovascular system is a very complex system that can provides many information about how is working all body. Several parameters like cardiac output, cardiac index, pulse pressure, systemic vascular resistance are very valuable to determine and predict function of metabolic and cardiovascular system; these parameters are usually reserved to the intensive care and in the past, only obtained by invasive methods, very expensive and dangerous. Actually it does exist methods very accurate to measure these parameters and predict shock, heart failure, and fluid responsiveness in any service, anytime simple and non-invasive. Some of these methods required special equipment to make the calculations, but now even each doctor can calculate many of these parameters measuring only basic vital signs life heart rate and blood pressure.

Biography

Francisco J Chacon-Lozsan graduated as Medical Doctor in Central West University Lisandro Alvarado (Venezuela) in 2014, actually Critical Medicine and Intensive Care Resident at Placido Rodriguez University Hospital. He started the scientific activity since 2007 on the charge of Rafael Bonfante-Cabarcas MD PhD. He had his special training in "Non-invasive Advanced Hemodynamic Management" in the University of California-USA, and "Acute Cardiac Care" Harvard University, European Society of Cardiology and European Council of Hypertension Member. He is the author in many research projects on Hemodynamics, behavior, cardiology, diabetes, linguistics and others. He is also the co-author of the book: "Actual Challenges in the Diagnosis and Management of ACS in Spain" of the Spanish Society of Cardiology.

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