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Title: Clinical assessment of hemodynamics in heart failure

Abstract: Heart failure incidence is rising and is expected to rise even more in the next decades. It can cause a variety of signs and symptoms due to reduced cardiac function as well as fluid congestion and has a prognosis comparable to many cancer forms. Knowledge of cardiac hemodynamics is critical in heart failure management since it can guide the selection of treatment and the assessment of its effectiveness. It is also an important tool for risk stratification of heart failure patients. Even though cardiac hemodynamics are measured by introducing catheters in the heart, clinical examination can be a non-invasive and cost-effective way to assess heart hemodynamics which is accurate enough to be used on every day practice.