

## Prevalence and risk factors of sepsis-induced cardiomyopathy

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Sepsis-induced cardiomyopathy (SICM) is a reversible myocardial depression due to sepsis and septic shock which was first reported by Parker et al in 1984. Recent developments in transthoracic echocardiography (TTE) have enabled the visualization of hemodynamics in SICM, characterized by left ventricular dilation, depressed ejection fraction (EF), and recovery in 7 to 10 days.

## Risk factors and outcomes of sepsis-induced myocardial ...

<https://pubmed.ncbi.nlm.nih.gov/29595686>

The risk factors of SIMD were younger age, history of DM, history of HF, elevated NT pro-BNP, and positive result of blood culture. The elevated levels of lactate and troponin were identified as risk factors of SICMP. More importantly, in-hospital mortality rate from SIMD and SICMP showed increased trend and worse outcome in SIMD group with reduced EF<30%. Thus, developing SIMD or SICMP reflected poor prognosis ...

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Publish Year: 2018

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What are the causes of cardiomyopathy? ▾

Are there any indications for treating septic cardiomyopathy? ▾

Which is the most common type of cardiomyopathy? ▾

Feedback

## Risk factors and outcomes of sepsis-induced myocardial ...

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The SIMD and SICMP had different risk factors. The risk factors of SIMD were younger age, history of DM, history of HF, elevated NT pro-BNP, and positive result of blood culture. The elevated levels of lactate and troponin were identified as risk factors of SICMP.

### Prevalence and risk factors of sepsis-induced ...

<https://pubmed.ncbi.nlm.nih.gov/27684877>

The prevalence rate of SICM was significantly higher in male than in female ( $P = 0.02$ ). Multivariate logistic regression analyses revealed that the incidence of SICM was associated with younger age (odds ratio [OR], 0.97; 95% confidence interval [CI], 0.95-0.99), higher lactate level on admission (OR, 1.18; 95% CI, 1.05-1.32) and history of heart failure (HF) (OR, 3.77; 95% CI, 1.37-10.40).

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### Risk factors and outcomes of sepsis-induced myocardial ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5895365>

Mar 30, 2018 · While both sepsis-induced myocardial dysfunction (SIMD) and stress-induced cardiomyopathy (SICMP) are common in patients with sepsis, the pathogenesis of the 2 diseases is different, and they require different treatment strategies. Thus, we aimed to investigate risk factors and outcomes between the 2 diseases.

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### Risk factors for postoperative sepsis-induced ...

<https://pubmed.ncbi.nlm.nih.gov/34012595>

Background: The current study aimed to investigate the incidence of sepsis-induced cardiomyopathy (SICM) in patients who received general thoracic surgery, along with the risk factors and management strategies for this complication. Methods: The clinical records of 163 patients with postoperative sepsis



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Feedback

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Mar 30, 2018 · This retrospective study investigated the risk factor and outcomes of SIMD and SICMP in patients with sepsis or septic shock. The risk factors of SIMD were younger age, a history of DM and