

Special Issue on
Cardiac Complications of Diabetes

CALL FOR PAPERS

Cardiovascular disease is responsible for the biggest proportion of deaths in the world despite disparities related to gender and socioprofessional categories. Diabetes has become a major health challenge worldwide. Patients with diabetes have an increased risk of cardiac disease and die earlier. Moreover, cardiovascular complications are the leading causes of morbidity and mortality among patients with diabetes.

Chronic hyperglycemia is the cornerstone in the initiation and progression of cardiovascular complications of diabetes. Hyperglycemia has been implicated in long-lasting chronic inflammation that drives major cardiac complications such as atherosclerotic coronary heart disease. Additionally, diabetes could also directly affect the myocardial function and viability, even in the absence of atherosclerotic occlusive disease, hence leading to heart failure and diabetic cardiomyopathy. However, many mechanisms that lead to compromised cardiac cell function in the presence of diabetes remain to be elucidated. Current treatment of common cardiac problems that are accelerated by diabetes is not different to that of nondiabetic patients with cardiac pathologies. However, diabetes-related complications have a distinct pathophysiological background.

We invite authors to contribute original research articles as well as review articles related to diabetes and cardiology. In order to understand the deleterious effect of diabetes on cardiac disease, we suggest highlighting all aspects of both diseases' interaction: epidemiology, genetics, physiopathology, treatment, and prevention.

Potential topics include but are not limited to the following:

- ▶ The impact of diabetes in patients with heart failure
- ▶ Diabetic heart failure: treatment and prognosis
- ▶ Diabetic cardiomyopathy
- ▶ Hyperglycemia and acute coronary syndrome
- ▶ Cardiac risk in obese patients with diabetes
- ▶ Common genetic background to diabetes and cardiovascular disease
- ▶ Treatment of patients with cardiac disease and diabetes
- ▶ Arrhythmias in patients with diabetes
- ▶ Treatment-related hypoglycemia and cardiovascular outcome in coronary artery disease and heart failure

Authors can submit their manuscripts through the Manuscript Tracking System at <http://mts.hindawi.com/submit/journals/bmri/cardiology/ccd/>.

Papers are published upon acceptance, regardless of the Special Issue publication date.

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