

Preface

Advances in the Diagnosis and Treatment of Coronary Artery Disease



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Editor

Coronary artery disease (CAD) is a leading cause of death worldwide. Although the mortality from CAD has decreased in the last 4 decades in developed countries, it continues to cause approximately one-third of all deaths in people aged ≥ 35 years old.

Recently, several randomized clinical trials and new technologies have influenced international guidelines, changed the clinical practice, and improved the clinical care of patients with CAD.

The present issue of *Cardiology Clinics* aims to provide a modern and extensive review of all aspects of the management and treatment of patients with CAD. To achieve this, we have organized a team of highly talented physicians and research scientists. All authors have sought to provide evidence-based recommendations according to the latest clinical trials and discuss the innovations for the diagnosis and treatment of CAD.

The issue covers CAD from beginning to end, from noninvasive diagnostic tools (Echo strain imaging, CT angiography) to new transcatheter

diagnostic techniques (fractional flow reserve, instantaneous wave-free ratio, and nonhyperemic physiologic indices). Articles focus on the management of pharmacologic therapies and new transcatheter technologies as well as future therapies (noncoding RNAs). Finally, the treatment and management of complex clinical scenarios were critically discussed and reviewed.

We hope you enjoy this issue of *Cardiology Clinics* and that the information provided enhances your medical knowledge and further improves the care of your patients with CAD.

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