



Management of Atherosclerosis

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Message from the Guest Editor

Non-invasive imaging techniques allow for the early identification of patients with subclinical atherosclerosis and the stratification of their residual risk. Coronary computed tomography angiography is also attracting a greater level of interest for plaque characterization and perivascular inflammation detection.

We are also in the age of novel LDL cholesterol treatments that dramatically reduce the rate of recurrent coronary events. However, the role of other lipoproteins in atherosclerosis, their management, and current predictors of recurrent coronary events remain to be investigated.

Atherosclerosis may also present with micro-vessel dysfunction instead of significant epicardial vessel obstruction. The management of these patients deserves tailored treatments.

Even systemic diseases affecting other organs may impact the development and progression of both coronary plaque and endothelial dysfunction. These patients require specific treatment and an integrated approach.

keywords:

- plaque erosion/rupture
- myocardial strain
- coronary computed tomography angiography
- MINOCA
- recurrent coronary events
- microvascular dysfunction
- inclisiran





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