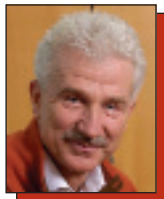


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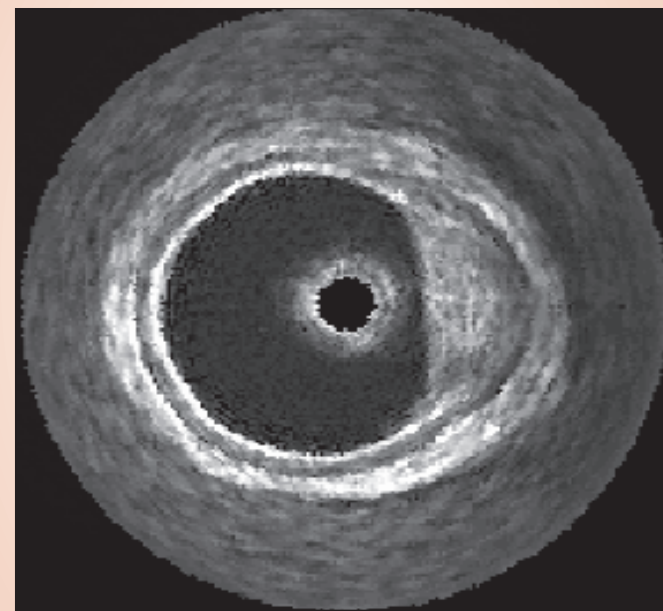
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## Arterial imaging in atherosclerosis prevention studies: Techniques and applications



**A handbook for clinicians**

**Editors:**

John Kastelein & Eric de Groot

## About this book

Arterial imaging is one of the “hot topics” of modern cardiology. Rapidly evolving imaging technologies can now visualise the arterial wall in every stage of atherosclerosis from “normal” to complete arterial occlusion and from childhood into old age.

Today, complex techniques such as intravascular coronary ultrasound (IVUS), electron beam computed tomography (EBCT) and magnetic resonance imaging (MRI) are adding to the knowledge coming from techniques such as carotid intima media thickness (cIMT) imaging.

Such techniques are providing new insights into the progression of atherosclerosis. They are also being extensively used in major trials of differing interventions such as lipid modification to demonstrate the effects of specific drugs on the atherosclerotic process.

This up-to-date handbook will provide insights into the application of these imaging techniques in the evaluation of current and future treatment strategies. The distinguished authors suggest that such studies allow promising new drugs to be assessed in a relatively short period of time prior to the availability of clinical outcome studies.

## Contents

- **Introduction**
- **Prerequisites for imaging modalities in atherosclerosis studies**
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