

## Atherosclerosis Case Reports

Atherosclerosis is a progressive vascular disorder characterized by plaque buildup within the arterial walls, leading to narrowing, reduced blood flow, and increased risk of cardiovascular events. While often clinically silent for years, its complications—such as myocardial infarction, stroke, and peripheral artery disease—can be sudden and severe. Because the disease presents differently across individuals, case reports serve as an essential tool for understanding its diverse clinical behavior.

The **Case Reports and Case Series in Cardiology Journal** publishes high-quality case studies that highlight unique presentations, diagnostic complexities, and innovative therapeutic approaches in atherosclerotic disease.

### Scope of Atherosclerosis Case Reports We Publish

#### 1. Unusual or Early Presentations

- Accelerated atherosclerosis in young adults
- Severe disease linked to rare lipid disorders
- Asymptomatic but high-risk plaque detected incidentally
- Rapid plaque progression despite optimal therapy

#### 2. Complications of Atherosclerosis

- Acute coronary syndrome due to plaque rupture
- Carotid stenosis presenting with stroke or TIA
- Critical limb ischemia in peripheral artery disease
- Renal artery stenosis causing refractory hypertension

#### 3. Diagnostic Challenges

- Differentiating stable vs unstable plaque
- Complex CT angiography or MRI findings
- Atherosclerosis mimicking vasculitis or embolic disease
- Multi-vessel disease with atypical symptoms

#### 4. Therapeutic Approaches & Interventions

- Successful angioplasty or stent placement in difficult lesions
- Hybrid interventions (PCI + CABG strategies)
- Management of restenosis or stent thrombosis
- Novel lipid-lowering therapies (PCSK9 inhibitors, combination therapy)

#### 5. Atherosclerosis in High-Risk Settings

- Atherosclerotic events in diabetes or chronic kidney disease
- Smoking-related severe multi-arterial disease
- Inflammatory or autoimmune-associated accelerated plaque
- Geriatric patients with comorbidities complicating treatment

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## Why These Case Reports Matter

Atherosclerosis is complex, multifactorial, and highly individualized. Case reports provide:

- Real-world insights into rare or complicated presentations
- Lessons on early detection and risk assessment

- Guidance on advanced imaging and interventional strategies
- Evidence for emerging therapies and long-term outcomes
- Learning opportunities to improve patient management

These clinical narratives enrich understanding beyond guidelines and trials, helping clinicians refine their diagnostic and therapeutic skills.

### **Manuscript Submission**

Authors are requested to submit their manuscript by using Online Manuscript Submission

Portal: <https://www.casereportsincardiology.org/submit.html> (or) also invited to submit through the Journal E-mail

Id: [editor@casereportsincardiology.org](mailto:editor@casereportsincardiology.org).