

Complex Coronary Interventions Case Reports

Overview

Complex coronary interventions represent one of the most challenging and rapidly evolving areas in interventional cardiology. These procedures require advanced technical expertise, specialized devices, and precise clinical decision-making to manage high-risk coronary artery disease.

The **Complex Coronary Interventions Case Reports** section of our journal is dedicated to publishing unique, educational, and clinically significant cases that highlight innovative strategies and procedural excellence in managing difficult coronary lesions.

Scope of the Section

We welcome submissions that focus on, but are not limited to:

- Chronic Total Occlusion (CTO) interventions
- Left main coronary artery interventions
- Bifurcation and trifurcation lesion management
- Heavily calcified coronary lesions (rotablation, lithotripsy)
- High-risk PCI (HR-PCI) cases
- Multivessel coronary artery disease interventions
- Failed PCI and bailout strategies
- Use of mechanical circulatory support (IABP, Impella, ECMO)
- Complex stenting techniques (DK crush, culotte, TAP)
- Intravascular imaging-guided interventions (IVUS, OCT)
- Structural complications during PCI

Importance of Complex Coronary Interventions

With increasing patient complexity, including elderly populations and multiple comorbidities, interventional cardiologists are frequently encountering challenging coronary anatomies. Complex coronary interventions:

- Improve revascularization outcomes in high-risk patients
- Reduce the need for surgical intervention in selected cases
- Enhance procedural success through advanced imaging and techniques
- Provide learning opportunities through shared clinical experiences

Clinical Significance

Publishing complex coronary intervention cases plays a vital role in:

- Sharing real-world procedural challenges and solutions
- Demonstrating innovative techniques and technologies
- Improving operator skills and decision-making
- Contributing to evidence-based interventional cardiology

Each case report provides detailed insights into patient presentation, procedural planning, technical execution, complications, and outcomes.

Why Publish With Us

- Rapid peer-review process
- Global visibility and indexing support
- Focused cardiology audience
- High-quality editorial standards
- Open access availability

Submission Guidelines

Authors are encouraged to submit well-structured case reports including:

- Abstract
- Clinical presentation
- Imaging findings
- Procedural details
- Discussion with literature review
- Conclusion highlighting key learning points

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.