

## Article Overview

Cardiac stents are generally safe, but potential side effects include chest pain, blood clots, restenosis, arrhythmias, bleeding, and rare procedural complications.

## Common Side Effects

Chest pain is frequently reported after stent placement, affecting up to 41% of patients within the first 72 hours. This may result from arterial stretching, spasms, or, in rare cases, a heart attack, and should always be reported to a healthcare provider immediately . Palpitations, or irregular heartbeats, are also common, occurring in about 83% of patients shortly after the procedure, often due to improved blood flow or temporary heart rhythm disturbances .

## Serious Complications

Restenosis refers to the gradual re-narrowing of the artery at the stent site due to abnormal tissue growth. This can lead to recurrent chest pain and may require repeat angioplasty or placement of a drug-eluting stent . Stent thrombosis, the formation of a blood clot inside the stent, is a serious complication that can cause heart attack, stroke, or embolism to other parts of the body . Bleeding can occur at the catheter insertion site or from arterial tears, typically within the first 12-15 hours post-procedure . Rarely, the procedure may cause damage to nearby blood vessels or the heart itself . Allergic reactions to contrast dye used during the procedure can also occur, and in rare cases, may lead to kidney damage .

## Other Risks

Patients may experience arrhythmias, infections, or discomfort related to catheter insertion . Individuals with pre-existing conditions such as diabetes, kidney disease, or prior heart surgeries may have a higher risk of complications . Long-term management often includes antiplatelet therapy to reduce the risk of clot formation and regular follow-up to monitor stent function .

## Summary

While cardiac stents are life-saving and generally safe, patients should be aware of potential side effects ranging from temporary chest pain and palpitations to serious complications like restenosis, stent thrombosis, and bleeding. Prompt reporting of symptoms and adherence to prescribed medications and lifestyle recommendations are essential for optimal recovery and long-term heart health .

## Side effects of cardiac stents

Univariate and multivariate analyses of stent-related adverse events risk during 10 years and logistic regression

Risks & Side Effects of Percutaneous Coronary Intervention Our Approach When coronary artery disease causes chest pain or a

Coronary angioplasty and stent placement can greatly increase blood flow through a heart artery that used to be

Some experts recommend limiting physical activity and salty or fatty foods after a stent placement. Learn what to avoid

Complications are usually observed in people who have had previous surgeries to treat blocked arteries or who are

A stent is a tube that the surgeon fixes in a blocked artery. Most sites of stent placement are the carotid and coronary

Advice for patients undergoing coronary angioplasty and stents This information is to provide you and your family with a full

Stents may be used to treat blood clots. Stents can also lead to blood clots because the

A cardiac stent is used to treat narrowed coronary arteries. Stents can also be used to improve blood flow

As with all types of surgery, coronary angioplasty carries a risk of complications. However, the risk of serious problems is small.

An angioplasty and stents procedure carries some risks such as a collapsed artery, bleeding, blood vessel damage, blood clots, and

Stent implantation to treat coronary artery stenosis has become a mainstream strategy in cardiovascular medicine.

A stent is a flexible tube placed in an artery to increase blood flow to the heart. Stents can help reduce the chance of a

What are the complications from a stent? Even though stents are generally safe to use, sometimes complications may

Two main complications can occur with coronary stents: the

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