

Thesis Statement: Heart stents have changed medicine immensely.

- I. Heart stents have changed medicine.
 - A. A heart attack occurs when the blood flow to a part of the heart is blocked by plaque buildup, when this occurs a heart stent will be placed at the site of the blockage.
 - B. Stents are tiny, expandable mesh tube that is made up of medical-grade stainless steel or cobalt alloy metal.
 - C. When they place the stent in the surface of the coronary artery it will remain in the artery permanently.
 - D. Using information and facts on heart stents are helpful when getting to know what life would be like after the surgery.
- II. Getting a stent is a life changing event.
 - A. By placing the coronary heart stent, it doesn't not improve the long-term survival rates of a heart patient, but the stents do provide a healthier artery.
 - B. How long a patient lives after a coronary stent is inserted all depends on various factors that the patient has. It depends primarily on the underlying heart disease, age, and medical condition of the patient.
 - C. After getting the heart stent in place the cardiologist might recommend to take anticlotting medication, also known as dual antiplatelet therapy.
 - D. Going through with the surgery of the placement of heart stents will inspire new and improved versions.
- III. The heart stent has inspired many new inventions.
 - A. Drug eluting stents are a newer invention that have a medicated coating to help prevent the vessel from renarrowing. Both of the stents bare metal and drug-eluting stents can effectively reopen coronary arteries.
 - B. Stent thrombosis is a blood clot that occurs after the following implants are in place. This happens in a small percentage of heart patients, when having the coronary heart stents in place blood cells can become sticky and clump together to form a small mass or clot.
 - C. Scientist have found that when the doctors use a drug-eluting stent, it is more effective at keeping the artery open over time. Even though original non drug

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eluting stents have been proven to be safe and effective treatment their use may,
on rare occasions, result in what is known as stent thrombosis.