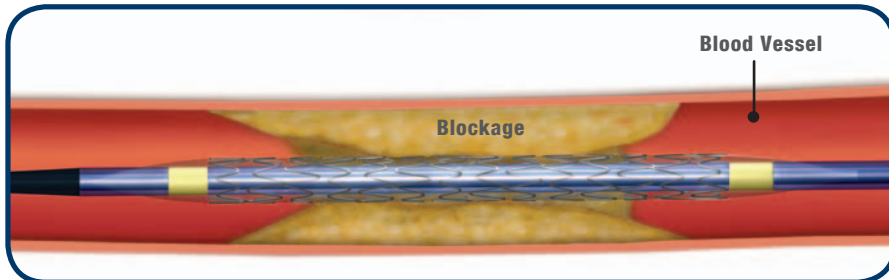


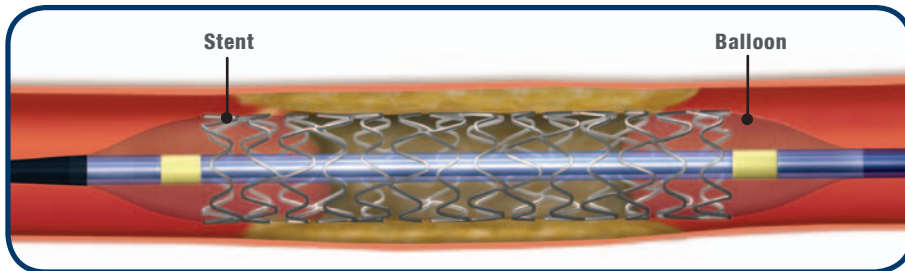
## Healing within Hours

Unlike conventional stents, the Genous Bio-engineered R stent promotes healing within hours, instead of weeks or months, of it being inserted. Genous promotes accelerated natural healing to protect against thrombus and minimize restenosis.



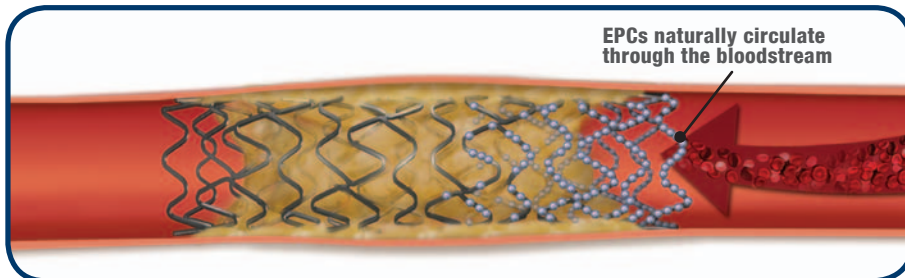
1

The stainless steel stent, a mesh like structure mounted on a balloon, is tracked through the artery to where the coronary blockage has occurred.



2

The balloon is then expanded. When it is deflated the stent stays in place, propping open the artery wall. The balloon is then removed.



3

The Genous Bio-engineered R stent is covered with antibodies that specifically attract endothelial progenitor cells, or EPCs, to areas of vascular injury. They begin to form a new lining to cover the stent.



4

Cell capture and attachment continues until the stent is completely covered with natural arterial tissue.