

CYPHER[®] Stent:
Stories of patients
who chose to live
LIFE WIDE OPEN[™]



cyp^her[®]
Sirolimus-eluting
Coronary Stent

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What is the CYPHER® Stent?

The CYPHER® Stent has three parts:

The stent: a small, expandable, slotted metal tube that is inserted into a coronary artery (one of the blood vessels that supplies the heart with oxygen and nutrients). A stent acts as a scaffold that helps hold the artery open, which allows blood flow to the heart and relieves symptoms caused by the blockage.

The anti-rejection-type medication (sirolimus*): an anti-rejection-type medication that limits the overgrowth of tissue as the healing process occurs following coronary stent implantation.

The inactive ingredient: a polymer (soft plastic) coating on the stent that contains the medication sirolimus, and slowly elutes (releases) the medication into the artery wall around the stent.

More than 3 million patients have been treated with the CYPHER® Stent worldwide. In the following pages, 4 of those patients share how the CYPHER® Stent has changed their lives for the better.



*Sirolimus is also available in tablet and liquid form, known by the name Rapamune®. Let your doctor know if you are currently using this medication.

Please see Important Patient Information on pages 13-15 of this brochure.

BYRON



Back on track with the CYPHER[®] Stent

I'VE ALWAYS BEEN A VERY ACTIVE PERSON," says Byron, a physician. "Jogging has been part of my life since medical school. I never really had a formal exercise program until I went to medical school and I was much more sedentary then. So I started jogging and that rapidly became a part of my life.

When I first began to have trouble with heart disease, I could still do my jog, but I just knew there was something wrong. It was a struggle where it used to be a joy. You just don't think it would happen to you. There's a tremendous denial that goes on with heart disease for a lot of us.

So I said I just got to run through this and get over it or spend the rest of my life on the couch.

It was a pretty afternoon. I started running and felt okay, but after a little while it came back, the bad feeling, the little bit of shortness of breath.

And then, all of a sudden, I quit feeling bad. The pain had gone away and I thought, man I'd finally done it. I've gotten through this. And I was just thinking, oh how wonderful, and the sky is blue and gorgeous and I thought...why am I seeing the sky?

And then I realized that I was lying on the side of the trail. I had passed out. And then the pain started.

I called my friend the cardiologist and had the arteriogram the next morning. That's when we found the blockage.

I was a perfect candidate for a stent. I had one vessel that was blocked up and the rest of my heart was okay. **Less than 24 hours after my procedure, I was back jogging.* It was amazing, because I had gone from not being able to walk across the yard to back to my old self.** It was nothing short of miraculous.

— Byron, a physician and CYPHER[®] Stent recipient

Please see Important Patient Information on pages 13-15 of this brochure.

To see more patient testimonials, go to cypherstent.com.

*Byron's return to and level of physical activity is not typical of most CYPHER[®] Stent patients. You should be able to return to **your** normal activities very soon after your procedure, but this will be determined by your doctor. Check with your doctor prior to doing anything that is physically strenuous.

BOB



Back behind the canvas with the CYPHER[®] Stent

“ONE OF THE THINGS THAT ATTRACTS ME TO PAINTING IS THAT it’s just me and a canvas,” says Bob. “I enjoy the solitude of working by myself and having the freedom to pursue my own particular vision or interest.

It started out as just acid reflux, which I’ve struggled with for years, and then it suddenly got more severe. I didn’t have any oomph. I was tired a lot. Didn’t have much energy, and I wanted to be more active.

The final blow was one day I went out to mow my front lawn, which is not a big deal normally, and I think I made two runs back and forth and I started getting chest pain. And I thought, at that point, there was something really going on here. So, I arranged to go in and be checked out for it, and my doctor arranged a treadmill. That’s when they discovered I had fairly major blockage in the vessels.

When I was offered the option of a stent, I decided to go for that. I know that this was a procedure that had been done many times. In retrospect, given the way I feel, I’m glad I made the decision.

I don’t see any point in sitting around in a chair for 20 years because you don’t have the energy to get out and do things.

I’ve had no chest pain or angina since the event. I definitely feel more enthusiastic about life. I have paintings in me that I haven’t painted yet.

— **Bob, a painter and CYPHER[®] Stent recipient**

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JESSE



Back on board with the
CYPHER[®] Stent

SURFING

IS A BIG DEAL. I SURF WITH MY SON, Ryan. It's kind of our moment," says Jesse, a 50-year-old registered nurse.

"It's our time. A bad day on a surfboard is always better than a good day at work.

May 6th, 2006. That morning, I mean I came in and felt like I had the flu. I felt like I had just worked a double. I was not feeling well. Feeling flip-flops in my chest.

I had a near heart attack. I had the good fortune of being treated immediately and not suffering any damage to my heart. They put me on the table and they put the stents and the balloons in.

The chest pain goes away immediately, and all of a sudden, you start to relax. I went home after the next day, believe it or not. That's what's so nice about this procedure.

I got to live again. I get to go surfing again. I feel fantastic. I can be with my family. There are still places in this world that I haven't seen that I need to see, things I want to experience. I want to travel to the Far East. I'd love to see Vietnam. I'd love to take a cooking class in Tuscany.

What have I got to lose? Let's go!

— **Jesse, a registered nurse and CYPHER[®] Stent recipient**

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TIM



Back out front with the **CYPHER[®] Stent**

CONSIDER MYSELF TO BE A VERY ACTIVE PERSON. DURING THE SUMMER, I DO A series of 1- to 3-mile ocean swimming races. I have done that for the 30 years that I've been here in California.

I think coronary problems can hit anybody, almost regardless of lifestyle. I had been on a business trip in Europe for 2 weeks," says Tim, a venture capitalist. "I came back the next morning, went down to the beach, and took a walk. And after 6 minutes, I was completely out of breath. I wasn't having any pain, but I was just short of breath. And what I really had noticed is that the bottom of my feet felt numb.

They put me on the treadmill and I went 6 minutes and they went 'whoops.' They rolled me over onto the gurney and said 'I think we're going to take you over into the cath lab.' They said I had a 95% blockage in my lower anterior descending artery, nicknamed the 'widow-maker.'

I would recommend the stent procedure, definitely. Five hours after I arrived at the doctor's office, I was sitting up in bed talking to people and I was just fine.*

When you have a near miss like this and suffer no damage, you go 'man, I was lucky.'

I could have been gone, but now that I'm here, I'm going to have a goal. My goal is to swim the 100th La Jolla Rough Water...the year I'm 87.

— **Tim, a venture capitalist and CYPHER[®] Stent recipient**

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*Tim's return to and level of physical activity is not typical of most CYPHER[®] Stent patients. You should be able to return to **your** normal activities very soon after your procedure, but this will be determined by your doctor. Check with your doctor prior to doing anything that is physically strenuous.

Is the CYPHER® Stent right for you?

The risks associated with the CYPHER® Stent are similar to the risks associated with uncoated stents.

The CYPHER® Stent may not be right for you if:

- You cannot take aspirin or blood-thinning medications (also called antiplatelets or anticoagulants)
- You have an allergy to the drug sirolimus (rapamycin), its derivatives, or a certain category of polymers known as polymethacrylates or polyolefin
- It is determined that the blockage will not allow complete inflation of the angioplasty balloon

Also, be sure to let your doctor know if:

- You are taking any other medications
- You have a history of bleeding problems
- You are allergic to 316L stainless steel, polymers (plastics), or sirolimus
- You are currently taking Rapamune® (sirolimus is also available in tablet and liquid form, known by the name Rapamune®)
- You are currently or think you may be pregnant
- You are currently nursing
- A dental or surgical procedure is scheduled to follow your CYPHER® Stent procedure while you are still on antiplatelet medication

The CYPHER® Stent is not for everyone, especially those who cannot take antiplatelet medicine or who have certain allergies. It carries risks, including the formation of a blood clot in the stent, heart attack, and the possible need for a repeat procedure. Your cardiologist can explain the risks and alternate treatments to consider.

Patient Information for the CYPHER® Sirolimus-eluting Coronary Stent

(SY-fer sir-AHL-i-mus e-LUT-ing KOR-o-nair-e stent)

This summary is about the CYPHER® Sirolimus-eluting Coronary Stent, a combination product consisting of a device (stent) and an anti-rejection-type medication (sirolimus) contained in a polymer (soft plastic) coating on the stent. Please read it carefully. This information should not take the place of careful discussions with your doctor. Only your doctor can decide if the CYPHER® Stent is right for you. Contact your doctor if you have any questions.

What is the CYPHER® Stent? The CYPHER® Stent has three parts:

The stent: a small, expandable, slotted metal tube that is inserted into a coronary artery (one of the blood vessels that supplies the heart with oxygen and nutrients). A stent acts as a scaffold that helps hold the artery open, which allows blood flow to the heart and relieves symptoms caused by the blockage.

The anti-rejection-type medication (sirolimus*): an anti-rejection-type medication that limits the overgrowth of tissue as the healing process occurs following coronary stent implantation.

The inactive ingredient: a polymer (soft plastic) coating on the stent that contains the medication sirolimus, and slowly elutes (releases) the medication into the artery wall around the stent.

How does the CYPHER® Stent work? Overgrowth of tissue is believed to be a major factor responsible for renarrowing of the artery after stent placement. The CYPHER® Stent limits this overgrowth of tissue, which significantly reduces the chance of reblockage and the need for another procedure.

What is the CYPHER® Stent used for? The CYPHER® Stent is used to help open coronary arteries in people who have symptoms of ischemic disease (lack of blood flow to the heart) such as heart attack or angina, due to atherosclerosis (fatty substances such as cholesterol deposited on the inner lining of blood vessels).

Placement of the CYPHER® Stent is no different than the placement of a bare-metal (uncoated) stent. The CYPHER® Stent will remain in the vessel permanently.

*Sirolimus is also available in tablet and liquid form, known by the name Rapamune®. Let your doctor know if you are currently using this medication.

Who should not receive the CYPHER® Stent? Patients who:

- are allergic to the anti-rejection-type medication (sirolimus*)
- are allergic to the polymers used in the coating
- cannot take antiplatelet medication such as aspirin
- cannot take anticoagulant medication (blood thinners)
- have a blockage that the doctor decides will not allow complete inflation of the angioplasty balloon

Women of childbearing age should be using effective contraception before they receive the CYPHER® Stent, and for 12 weeks after. Women who are nursing should discuss this with their doctor before receiving the CYPHER® Stent.

The CYPHER® Stent has not been studied for use in children.

What other medical issues should I discuss with my doctor? You should tell your doctor about any other medications (prescription or nonprescription) you are taking, especially medications that affect your immune system. You should also tell your doctor if you have a history of bleeding problems.

What are the possible side effects of the CYPHER® Stent? Use of the CYPHER® Stent carries the risks associated with all coronary stent placement, including allergic reaction, irregular heart rhythm, stent thrombosis (blood clot in the stent), death, reactions to antiplatelet or anticoagulant medications or to dyes used during placement, emergency bypass surgery, fever, bleeding at the puncture site, chest pain or angina and stroke. The risk of thrombosis with any stent, uncoated or drug-eluting, remains low. Our two clinical trials following patients over a five-year period indicate a similar overall risk of thrombosis between the CYPHER® Stent and uncoated stents. However, after 1 year, a very small increased risk of stent thrombosis can be seen with the CYPHER® Stent versus uncoated stents.

Potential adverse events which may be associated with the implantation of a coronary stent include: allergic reaction, irregular heart rhythm, death, drug reactions to blood-thinning agents or contrast media, emergency bypass surgery, fever, bleeding at the puncture site, chest pain or angina, and stroke. Potential adverse events related to the drug sirolimus (based on studies of patients who used the drug orally for a prolonged period of time) include: infection, tumor formation, fatigue, joint pain and diarrhea.

Exposure to sirolimus and the polymer coating on the CYPHER® Stent is directly related to the number of implanted stents. Use of more than two CYPHER® Stents has not been adequately evaluated. Use of more than two CYPHER® Stents will result in your exposure to a larger amount of sirolimus and polymer coating than experienced in the clinical studies.

What can I expect after I receive the CYPHER® Stent? Many patients are able to return home the day following their procedure. Your doctor will decide how long you need to stay based on your individual needs.

Your doctor will prescribe aspirin, and other antiplatelet or anticoagulant medications (blood-thinners). It is very important that you take these medications exactly as directed; be sure not to miss any doses. Call your doctor if you feel that you cannot tolerate your medications or develop any side effects such as bleeding, upset stomach, rash or itching, or if another healthcare professional asks you to stop taking your medication. You may also have to have follow-up blood tests to monitor the effects of the CYPHER® Stent.

You should be able to return to your normal activities such as work, sports and sex very soon, but again, this will be determined by your doctor. Check with your doctor prior to doing anything that is physically strenuous.

You will be given a schedule for follow-up visits with your cardiologist or family doctor, and a small identification card to carry with you at all times, containing information about the CYPHER® Stent.

If you have chest pain after your procedure, see a doctor immediately.

How can I get more information about the CYPHER® Stent? If you have any other questions, speak to your doctor, or call **1-800-781-0282** or visit **cypherstent.com**.

Rapamune® is a trademark of Wyeth Pharmaceuticals.

*Sirolimus is also available in tablet and liquid form, known by the name Rapamune®. Let your doctor know if you are currently using this medication.

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