

# DYNAGEN™ MINI ICD

Models D020, D021, D022, and D023

## Details About Your Boston Scientific Implantable Cardioverter Defibrillator (ICD)

### Who gets an ICD?

Implantable cardioverter defibrillator (ICD) devices are recommended for many patients at risk of sudden cardiac arrest (SCA). SCA can strike without warning.

Often people who experienced it felt fine moments before.

- About 90% of adult victims of SCA have plaque in two or more major heart arteries (coronary arteries)<sup>1</sup>
- About 75% of sudden cardiac arrest victims have scarring in their heart muscle from a prior heart attack<sup>1</sup>
- When SCA occurs in young adults other rare heart conditions are likely the cause, such as hypertrophic cardiomyopathy<sup>1</sup>

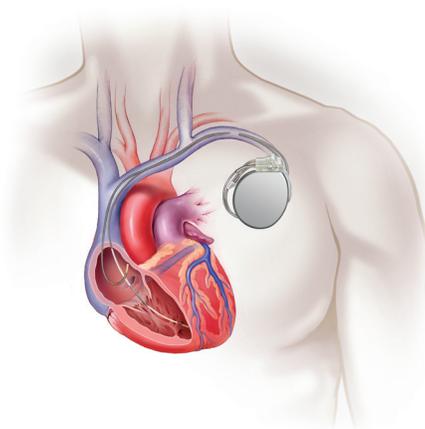
### What is an ICD?

An ICD is a small, battery-powered device implanted in the body to watch for and treat abnormal heart rhythms. Your doctor can program your ICD based on your individual heart rhythm needs.

### How long will my ICD last?

Like anything that operates on a battery, the life of your ICD will depend on how much the battery is used. The battery is used every time your device delivers therapy. So the amount of therapy you receive, and the amount of energy your doctor programs into those therapies, affects the life of the battery.

A DYNAGEN MINI ICD is projected to last about 5 years.



### What size is my ICD?



VR DF-4 Actual size  
(when printed at 100%)

Model/ Chambers	Width	Height	Thickness	Weight
D020 VR DF4	2.06 in. 5.23 cm	2.64 in., 6.71 cm	0.38 in 0.99 cm	2.1 oz., 60 g
D021 VR DF1		2.8 in., 7.14 cm		2.18 oz., 61.9 g
D022 DR DF4		2.76 in., 7.03 cm		2.2 oz., 62.5 g
D023 DR DF1		2.8 in., 7.14 cm		2.19 oz., 62.3 g

## How does an ICD work?

Your ICD continuously monitors your heart rhythm, 24 hours a day. When the ICD detects a heart rhythm that is not normal, special features in the ICD help the device decide what to do. Your ICD then determines if electrical signals will be delivered to correct the rhythm, and records its action for your doctor to review.

Your ICD device is a small and thin defibrillator designed for your comfort, and has advanced features that your heart doctor can use to manage your risk of SCA.

- RYTHMIQ™ and other features help the device provide pacing therapy when you need it
- RhythmID™ with RhythmMatch™ can help identify the type of rhythm that is active and direct appropriate therapies
- AcuShock™ Advanced Technology provides therapy options to help reduce the risk of unnecessary shock therapies
- The Arrhythmia Logbook reports your activity level, heart events, and ICD treatments to help your doctor better understand changes in your heart condition

## What happens after my implant procedure?

Once you receive an ICD, it is important to follow your doctor's guidelines for follow-up visits. These typically occur every 3 months. Your doctor uses the follow-up visits to check your device and monitor your heart condition, which can change over time. Your doctor may also adjust your device settings.

With your new ICD system and the guidance of your healthcare provider, you should soon return to your normal lifestyle. For most people, work, hobbies, sexual activity, travel, and other activities can be continued once they have an ICD device. Your ICD will help you enjoy as active and productive a lifestyle as your overall health permits.

### Important Safety Information

#### Implantable Cardioverter Defibrillators

An implantable cardioverter defibrillator is designed to monitor and treat heart rhythm problems, greatly reducing the risks associated with them. These devices are sensitive to strong electromagnetic interference (EMI) and can be affected by certain sources of electric or magnetic fields. With all medical procedures there are risks associated. In regard to an implanted ICD, the risks include but are not limited to inappropriate shock, lead moves out of place, loss of stimulation capability, allergic reaction, fluid underneath the skin, and infection. In rare cases device failure or death can occur. Be sure to talk with your doctor so that you thoroughly understand all of the risks and benefits associated with the implantation of this system. To obtain a copy of the device Patient Handbook for more detailed device safety information, go to [www.bostonscientific.com](http://www.bostonscientific.com), or you can request a copy by calling 1-866-484-3268 or writing to Boston Scientific, 4100 Hamline Ave. N., St. Paul, MN 55112. (Rev. J)

#### Device Quality and Reliability

It is Boston Scientific's intent to provide implantable devices of high quality and reliability. However, these devices may exhibit malfunctions that may result in lost or compromised ability to deliver therapy. Refer to Boston Scientific's CRM product performance report on [www.bostonscientific.com](http://www.bostonscientific.com) for more information about device performance, including the types and rates of malfunctions that these devices have experienced historically. While historical data may not be predictive of future device performance, such data can provide important context for understanding the overall reliability of these types of products. Also, it is important that you talk with your doctor about the risks and benefits associated with the implantation of a device.

(Rev. J)

1. Heart Disease and Sudden Cardiac Death. [www.webmd.com/heart-disease/guide/sudden-cardiac-death](http://www.webmd.com/heart-disease/guide/sudden-cardiac-death). Accessed 021114

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#### Rhythm Management

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[www.bostonscientific.com](http://www.bostonscientific.com)

Medical Professionals:  
1.800.CARDIAC (227.3422)

Patients and Families:  
1.866.484.3268

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