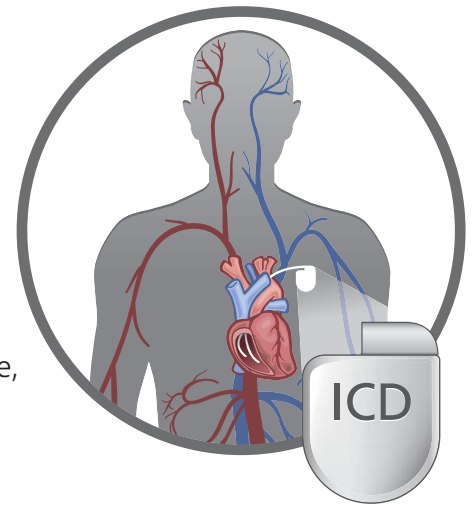


# A decision aid for **replacement** of **Implantable Cardioverter-Defibrillators (ICD)**

For patients that already have an ICD and are considering replacement.

## Refresher: What an ICD does

An ICD is designed to prevent an at-risk person from dying suddenly from a dangerous heart rhythm. When it senses a dangerous heart rhythm, an ICD gives the heart an electrical shock. It does this in order to get the heart to beat normally again.



## Making a choice about ICD replacement

Your doctor has told you that it is time to replace your ICD with a new one, most likely because the battery is wearing out. For many people, this is a straight-forward decision. For others the decision may not be so easy.

## Why this might not be an easy decision

When you first got your ICD, it made sense. You were at a high risk for sudden cardiac death and you wanted to prevent that by getting an ICD. Since several years have likely passed since that discussion, it is reasonable to think again about whether you still want an ICD:

- Your overall health: you may be **sicker** or have other illnesses on top of your heart failure.
- You may be at a place in your life where the **quality of your life** is much less than it once was and preventing a sudden cardiac death isn't as important. You may be ready to accept death when it comes and are not as concerned with preventing it.
- You may have had some **bad experiences** with your ICD.
- You have been shocked in the past and do not want to that experience again. Maybe you have experienced **anxiety or depression** because of getting the ICD and fearing future shocks.
- Your **risk** for sudden cardiac death may not be as high as it once was.



# Considering replacement of an ICD

Regardless of why you need to replace the ICD (battery wearing out, device malfunction, infection, etc.), you will need to have a surgery much like the one you had before.



## Risks

In general, risks of this replacement procedure include pain, infection, and bleeding. Serious complications, however, are unusual. There is a slightly higher risk of complications when a wire (lead) needs to be replaced. Talk with your doctor about these complications.

## Would I survive a dangerous heart rhythm without an ICD?

You may survive a dangerous heart rhythm only if you are treated within a few minutes with an external shock. However, many patients die before emergency help can reach them.



## Possible benefits of having an ICD (check the ones you have experienced)

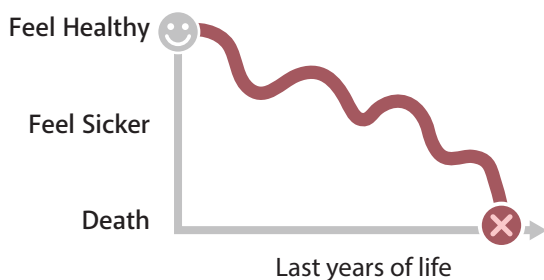
- |   |   |
|---|---|
| <input type="checkbox"/> Peace of mind          | <input type="checkbox"/> Avoid sudden cardiac death                 |
| <input type="checkbox"/> Received shock in past | <input type="checkbox"/> Paced out of dangerous rhythm before shock |
| <input type="checkbox"/> Other: _____           | <input type="checkbox"/> Other: _____                               |

## ICD Trade-offs

Deciding whether or not to replace your ICD can be difficult but you do have options. While the future is always unpredictable, there is an important trade-off to consider when deciding whether to get an ICD. Consider two possible paths:

### Path 1

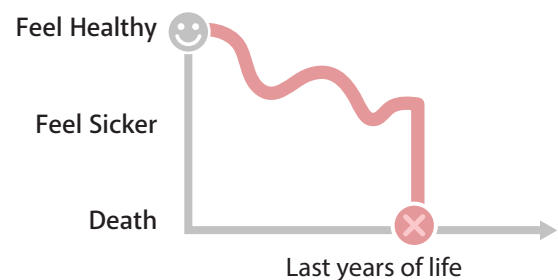
You may choose to replace the ICD. You may be feeling like you usually do, then a dangerous heart rhythm could happen. The ICD may help you live longer by treating a dangerous heart rhythm. You will continue to live with a heart condition that may get worse over time.



"I'm not ready to die. I have so much to live for. Even if it means getting shocked, I'm willing to do anything that can help me live longer."

### Path 2

You may choose to NOT replace the ICD. You may be feeling like you usually do and then a dangerous heart rhythm could happen. You may die quickly from the dangerous heart rhythm.



"The idea of dying quickly sounds painless. I've always said I hope to die in my sleep. Going through surgery and getting shocked is not something I want."

# Making a decision



Remember, ICDs will not make you feel better.

## On a Scale...

While no-one can predict the future, if you were able to choose, how would you like to live out the rest of your life? (check one box)

Die quickly (for example, dying suddenly in your sleep) and not live as long.



Live as long as possible even with an illness like heart failure that may get worse over time.

## Can I remove the ICD?

Unless you have an infection of the ICD or are replacing it because the battery is running out, it is usually best not to remove an ICD. If you decide not to replace the ICD, it can be turned off or you can simply let the battery wear out. Once the ICD is off, it would no longer be able to shock you. In patients who are close to death, the ICD is often turned off so that it will not shock them. Some patients may choose to have it turned off because they no longer want to prevent sudden death.



## What else do you need to help you make your decision?



You know what is important to you better than anyone else. Any decision about your treatment should be based on your goals and values!

It may be time for you to talk with your doctor, family, and friends. You may want to share the information in this decision aid with them. It is important that you have all of the information you need to make a decision that is right for you. You have the right to make your own choices!

## What questions and concerns do you have?

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