

Find your ED cure

End your frustration.
Renew your confidence.
Feel complete.



Erectile dysfunction

Find your best cure

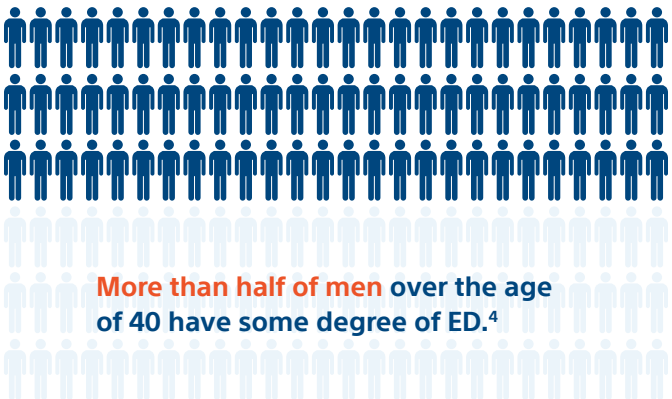
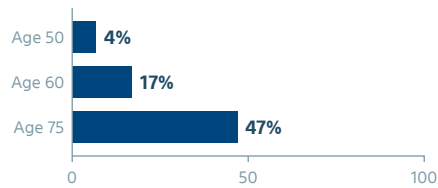
What is erectile dysfunction (ED)?

ED is defined as the persistent inability to achieve or maintain an erection that is firm enough to have sexual intercourse.¹

How common is ED?

ED is a common problem and it's important to know you're not alone:

Age breakdown of men with total inability to achieve an erection¹

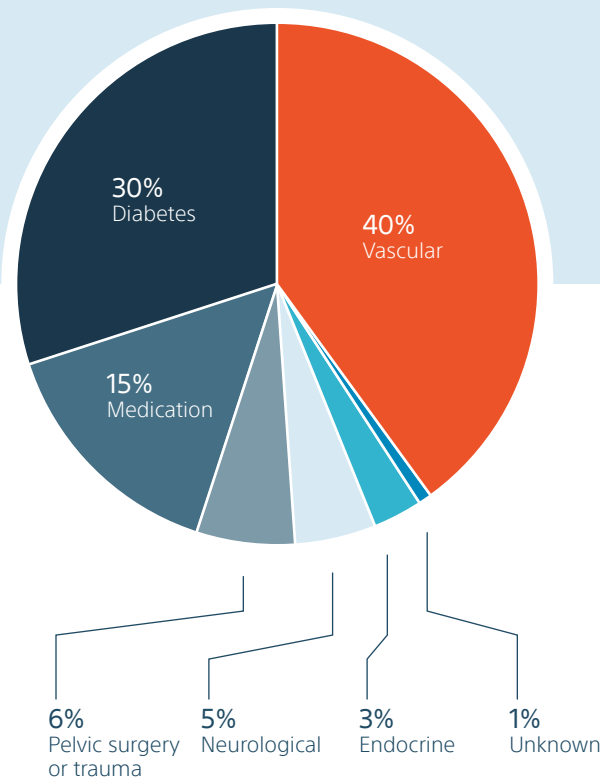


In the United States, this adds up to as many as **39 million men.**³

What causes ED?^{1,5}

There's no single cause of ED.

There are real physical and psychological reasons for ED.



Some common causes are:¹

- Diabetes
- Cardiovascular disease (high blood pressure, heart disease)
- Prostate cancer treatment
- Surgery (prostate, bladder, colon, rectal)⁶
- Medications (blood pressure, antidepressants)
- Lifestyle choices (smoking, excessive alcohol, obesity, lack of exercise)
- Spinal cord injuries
- Hormone problems

ED is not just a medical issue; it can also deeply affect relationships.⁷

"The intimacy that we used to have went away. All of a sudden, it was like we were completely separated. There was no connection."

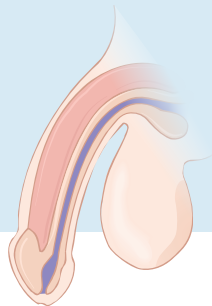
— Tom

Visit EDCure.org for helpful resources



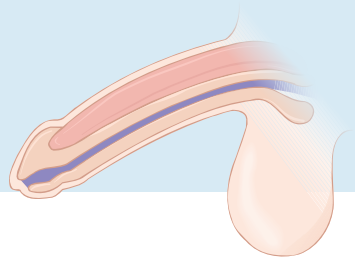
Erections and how they work

To learn more about ED, it is important to understand how the penis normally works. The erection process typically occurs in the following stages:⁹



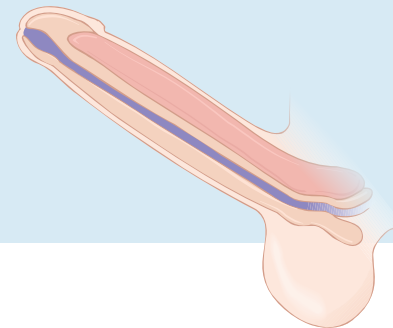
1. Initial filling

When you are sexually aroused, nerves signal the penile smooth muscles to relax. This relaxation allows for an increase in blood flow into the two chambers, the corporal bodies, which are located inside the shaft of the penis.



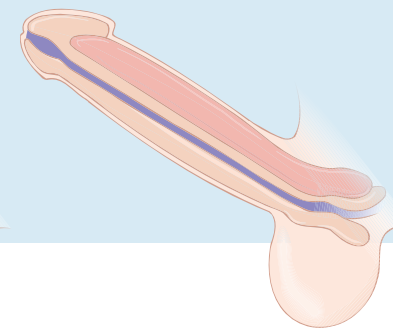
2. Partial erection

The arteries relax and open up to let more blood to flow in; at the same time, the veins close up. Once blood is in the penis, pressure traps it within the corpora cavernosa. Your penis expands and holds the erection.¹⁰



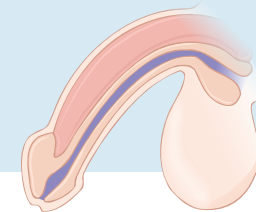
3. Full erection

As blood continues to increase inside the penis, it starts to make the penis stiff and hard, or erect.



4. Rigid erection

Maximum rigidity is achieved. The glans, or tip of the penis and the penile shaft enlarge or engorge with blood until the penile veins are forcefully compressed. This traps blood inside the penis to maintain maximum penile rigidity.



5. Return to flaccidity

Once a man climaxes or has an orgasm, the nerves send a signal to allow the blood to leave the erect penis. This is called detumescence. The penis returns to a flaccid, non-erect state.¹¹

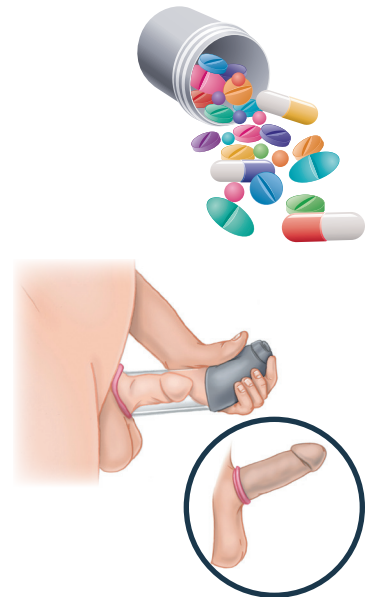
ED treatment options

Whatever is causing your ED, there is a treatment option that can provide a satisfying solution.

If you try one of the treatment options listed and it doesn't work for you or you aren't completely satisfied, don't be discouraged and give up hope.

These treatment options have varying degrees of success for each man depending on the cause of the ED. Irreversible vessel or nerve damage may impact the success of some of these treatments. For example, oral medications don't work well for some men.¹² In fact, half of some men who try oral medications give up on the pills or they stop working.¹³

It's important to know all of your available options and discuss them with your doctor to determine which will be appropriate for you and your lifestyle. An ED Specialist will help you find a permanent treatment for your ED.

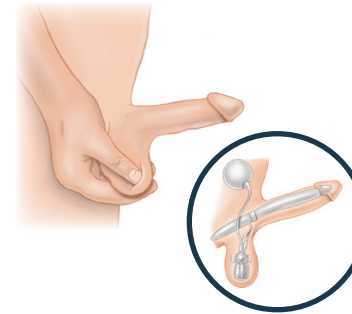


Oral medications⁸

There are a number of prescription medications available that may improve blood flow to the penis. Combined with sexual stimulation, this can produce an erection.

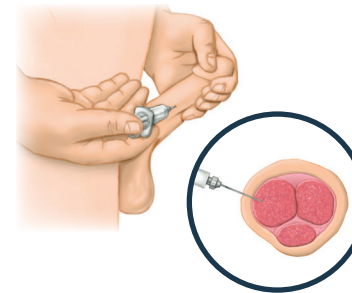
Vacuum erection devices⁸

A hollow plastic tube is placed over the penis and a pump (hand/battery-powered) is used to create a vacuum that pulls blood into the penis. Once an erection is achieved, an elastic tension ring is placed at the base of the penis to help maintain the erection.



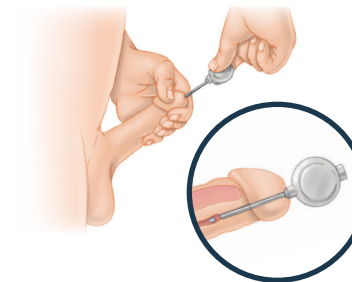
Penile implants⁸

A device is implanted into the penis that is intended to allow a man with ED to have an erection. The device is entirely contained in the body so no one is able to see it and is controlled by the user to achieve an erection. This treatment is designed to allow for spontaneity and the erection is maintained for as long as the man desires.



Injections⁸

With injection therapy, a needle is used to inject medication directly into the penis. The medication allows blood to flow into the penis, creating an erection.



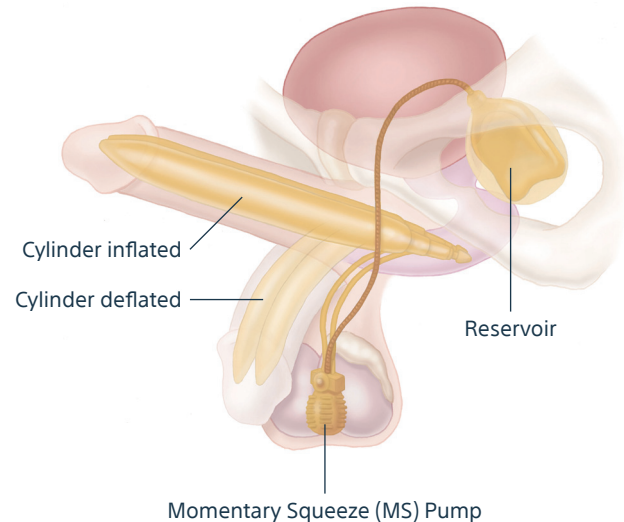
Intraurethral suppositories⁸

An applicator containing a small pellet (suppository) is inserted into the urethra and the pellet is released. The pellet dissolves and increases blood flow to the penis, creating an erection.

What is a penile implant?

A penile implant is designed to be a permanent solution for a man suffering from ED and a concealed support for an erection for as long as desired.^{3,6}

Penile implants have been in clinical use for over **45 years**¹⁴ and more than **500,000 men** have received a Boston Scientific penile implant.³



Of the available Boston Scientific implants, the AMS 700™ Penile Implant is the most popular inflatable prosthesis because it is designed to most closely mimic a natural erection, provide rigidity when inflated and a natural, flaccid appearance when deflated.^{3,21}



The implant procedure is usually done on an outpatient basis.¹⁵ A small incision is made in the scrotum or above the pubic bone and a urologist inserts all components through this small opening.¹⁵ The procedure is performed under anesthesia. It generally takes a few days to return to your regular routine of light activity. Urologists typically instruct men to wait 4 to 6 weeks before using the implant for sexual intercourse.⁶

A penile implant may provide a permanent option for men who have tried other treatments without success or satisfaction.¹⁶ Compared with other treatment options, the implant provides spontaneity — it allows you to have sex when the mood strikes and the erection can last as long as you want it to last. The implant is discreet and entirely contained inside your body — there are no visible components so it would be difficult for someone to know you had this device.⁶

“I could walk into a locker room and you wouldn’t even be able to tell. I look just like everybody else. The implant is all inside my body.”

— Tom

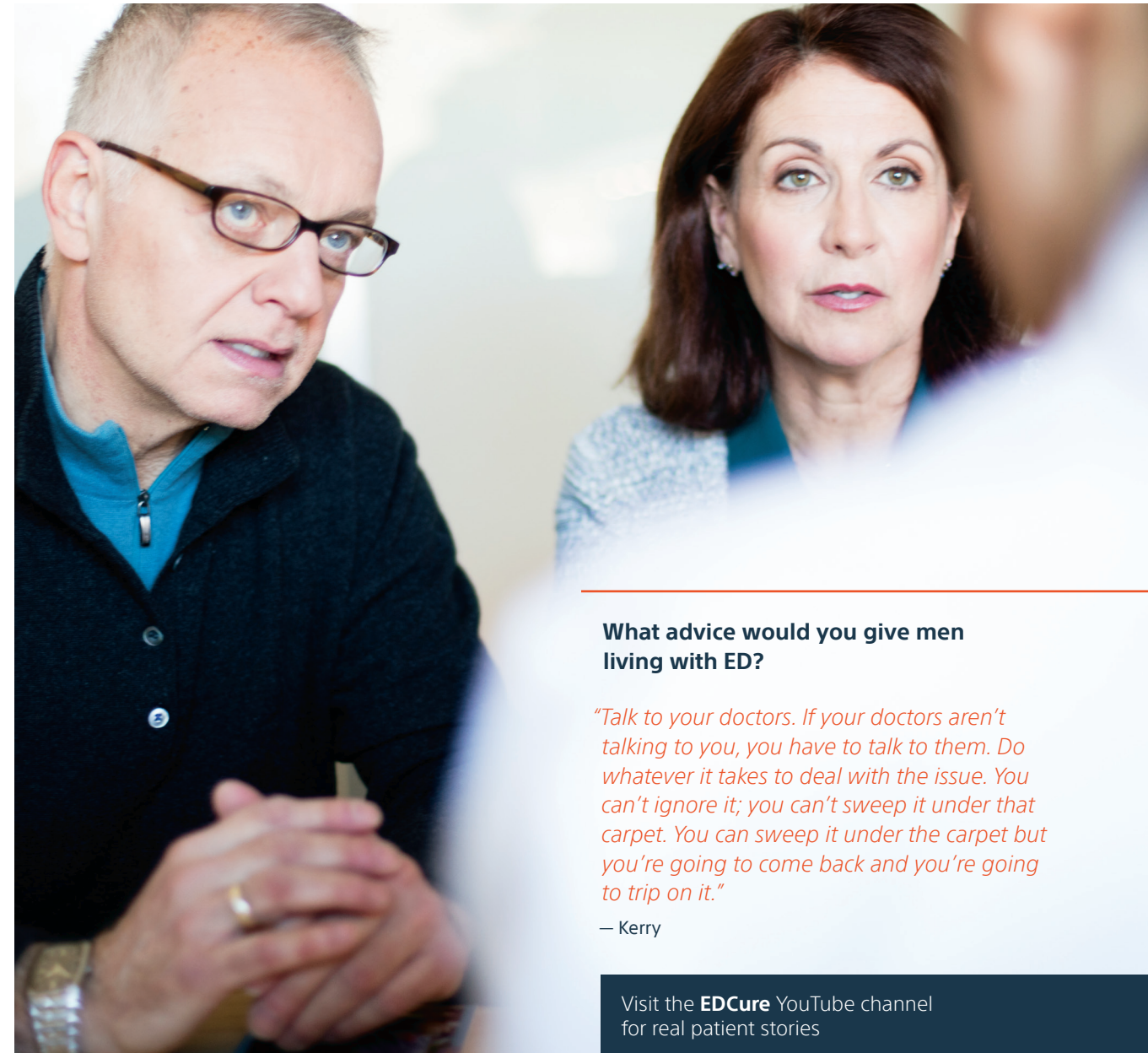
Visit **EDCure.org** for helpful resources

Features of a penile implant:

- Designed to be a permanent solution for ED¹⁴
- Spontaneous — you can have sex when the mood strikes¹⁷
- Once activated, the erection can last as long as you desire^{3,17}
- Entirely contained inside the body — no one knows you have one unless you tell them⁶
- Designed to feel natural during intercourse¹⁸
- High patient and partner satisfaction reported¹⁹⁻²¹
- Typically does not interfere with ejaculation or orgasm^{19,22}

Risks of a penile implant:

- Will make natural or spontaneous erections as well as other interventional treatment options impossible⁶
- There may be mechanical failure of the implant, which may require revision surgery⁶
- If the implant needs to be removed and replaced, the penis may become shorter, curved or scarred⁶
- Pain (typically associated with the healing process)⁶
- Men with diabetes, spinal cord injuries or open sores may have an increased risk of infection¹⁶
- There is a 1.2-2.5% risk of infection with the Boston Scientific 3-piece inflatable penile implant¹⁶



What advice would you give men living with ED?

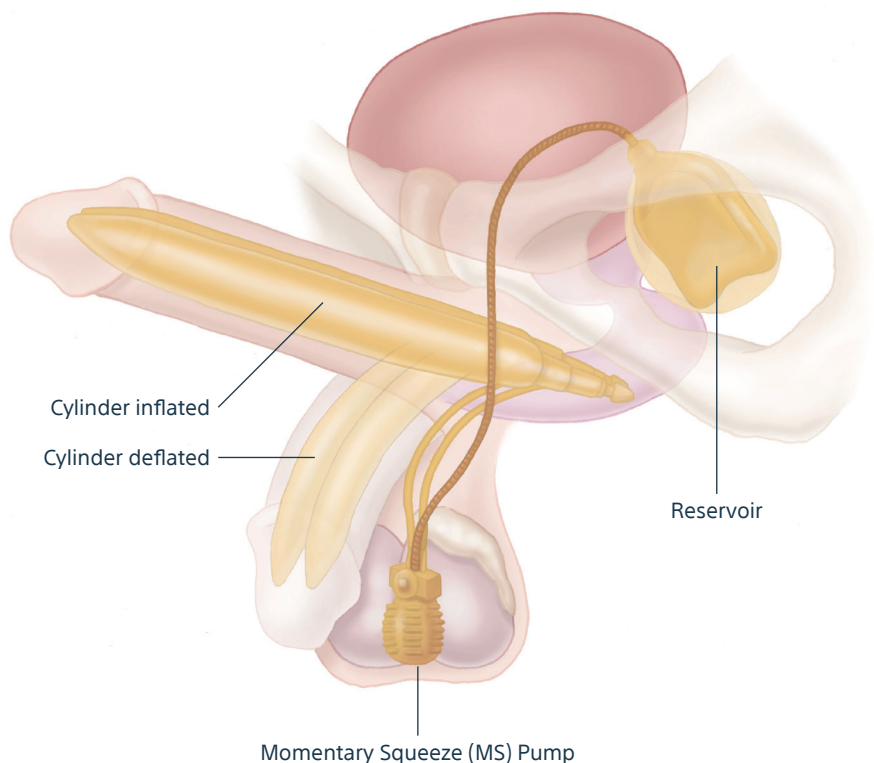
“Talk to your doctors. If your doctors aren’t talking to you, you have to talk to them. Do whatever it takes to deal with the issue. You can’t ignore it; you can’t sweep it under that carpet. You can sweep it under the carpet but you’re going to come back and you’re going to trip on it.”

— Kerry

Visit the **EDCure** YouTube channel for real patient stories

AMS 700™ Three-Piece Inflatable Penile Implant¹⁵

The AMS 700 Implant includes a pair of cylinders implanted in the penis, a pump placed inside the scrotum and a reservoir of saline placed in the lower abdomen. Squeezing and releasing the pump moves fluid into the cylinders, creating an erection. Deflate the device by pressing the deflate button on the pump. The penis then returns to a soft, flaccid and natural-looking state.²¹



Unique features of an AMS 700™ Implant

Infection reduction

- The only implant on the market impregnated with antibiotics to reduce the risk of infection²³

Momentary Squeeze Pump™³

- One-touch button designed for deflation and ease of use
- Lock-out valve designed to reduce auto-inflation

Reliability and durability

- Device is parylene-coated to improve long-term durability of the device^{3,26}
- Designed to be a permanent solution for ED¹⁶
- Available without antibiotics for those with tetracycline allergies¹⁶

"You pump it up, you get the desired erection that you want; whenever you're through you put it down. You just deflate it and it goes away and the feelings are all natural. I still feel when I have an erection, it feels like if nothing ever happened. The feelings are there. The sensations are there. So everything is the same."

— Fabio

"...he wanted to do the procedure with the AMS 700™. I said, 'Well, that's good enough for me.'... He felt that he had great success with a very, very low infection rate, if any at all."

— Ed

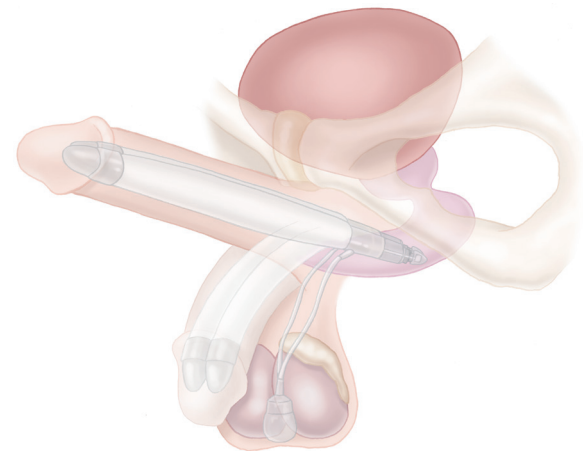
Learn more about the AMS 700 Three-Piece Inflatable Penile Implant at EDCure.org

Boston Scientific offers three types of three-piece implants

AMS 700™ LGX Penile Implant	AMS 700™ CX Penile Implant	AMS 700™ CXR Penile Implant
<ul style="list-style-type: none">• The only penile implant on the market with cylinders designed to expand in girth and length of 10-25%³• Cylinders designed to address the #1 concern men with ED have — loss of penile length^{24,26}• Controlled expansion is designed to provide maximum rigidity and optimal length and girth expansion³• Firm, rigid erection that can last as long as desired³• Natural, flaccid appearance when deflated³	<ul style="list-style-type: none">• Controlled expansion is designed to provide maximum rigidity and optimal girth expansion¹⁵• Firm, rigid erection that can last as long as desired³• Natural, flaccid appearance when deflated³	<ul style="list-style-type: none">• All the benefits of the AMS 700 implant series, including girth expansion for patients who may require shorter and narrower cylinders¹⁵• Controlled expansion is designed to provide maximum rigidity and optimal girth expansion³• Firm, rigid erection that can last as long as desired³• Natural, flaccid appearance when deflated³

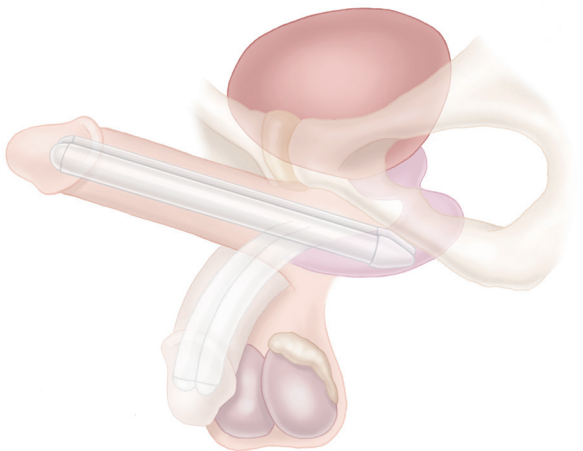
Additional Boston Scientific implant selections

Please talk to your doctor to determine which implant is right for you.



AMS Ambicor™ Inflatable Penile Implant

- Consists of 2 cylinders and a pump²⁷
- Offers firm, rigid erection without a separate reservoir³



Tactra™ Malleable Penile Implant

- Bendable implant easily positioned for use and concealment³
- Two silicone layers over a Nitinol (nickel titanium) core for rigidity and durability³
- Soft, rounded tips for comfort³

Patient satisfaction

ED can limit your intimacy, affect your self-esteem and impact your most important relationships.⁷

Many studies show that penile implants may offer the satisfying results that so many couples seek. Consult your doctor to determine which type of implant is best suited for your condition and lifestyle.

In one study of 200 patients and 120 partners, both men and their partners found the AMS 700™ Penile Implant to be satisfying:²⁰

98%

of patients reported their erections to be excellent or satisfactory following surgery

92%

of patients reported sexual activity with the implant to be excellent or satisfactory

In a survey of 253 patients who received an AMS 700™ Penile Implant, there was a:²⁸

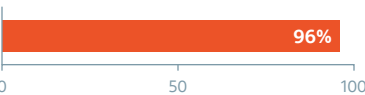
97%

overall patient satisfaction for the AMS 700 Implant; not a single patient reported dissatisfaction

Partner satisfaction

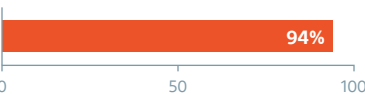
Often patients wonder if their sexual activity will be the same and if they will be able to experience orgasms and sensation.

In one study of 200 patients and 120 partners, both men and their partners found the AMS 700™ Implant to be satisfying:²⁰



96% of partners reported sexual activity with the implant to be excellent or satisfactory

In a study of 248 patients and 207 couples who received a 3-piece penile implant they were asked their overall satisfaction with intercourse.²¹



94% of patients were very satisfied or satisfied with the AMS 700 Penile Implant²¹



“For me, it’s very exciting. Once he has an ejaculation, the erection is still there. We can be intimate for as long as I want, which is very satisfying for me.”

— Linda

Learn more about patient satisfaction at EDCure.org

What does having a penile implant mean to you?



Regain your confidence

"I'm concerned about satisfying my partner. And I know that I will be able to do that. [In my experience], there is no ifs, ands or buts about it. It's something that is definitely going to be done. For me it's joy. The penile implant brought back joy and confidence and everything that is normal."

—Herschel



A dependable option

"When I want to get an erection, it works every time; [for me] it is 100% reliable. No sense of failure and it's going to last as long as I want it to. The little phrase that I use is that the prosthesis took me from 'ED' Erectile Dysfunction to 'EOD,' which is Erection on Demand."

—Marsha and Graham



Knowing that you can perform

"It's not just about being able to perform, its knowing that I can whenever I want. The real positive side of having an implant is you can have an orgasm but the erection doesn't go away. So it's a real plus for your partner because it's still there."

—Danny



Togetherness and spontaneity

"If I want to have sex with my wife and we want that time together, we can do it and there isn't an injection involved. There isn't a vacuum canister, the vacuum tube with the bands and all the things that just interfere with the spontaneity of the moment. It's so much like a natural erection that you almost forget that you have an implant after a while. It feels so normal and so regular that I think it's made a big impact."

—Vilma and Kerry



Get back what you're missing

"I think that you forget what you're missing. If you put it away, you forget about it and say, 'everything's ok', then you realize, wow, that's what we were missing all that time. It brings you closer."

—Vilma

It's worth the wait.

"The only difficult part was they said that for 6 weeks you couldn't... 'do anything.' After the 6 weeks, all I can say is it was well worth it."

— Sarah

Visit the **EDCure** YouTube channel
for more patient stories

Frequently asked questions about penile implants:

Will my penis look different to me or will others notice a penile implant?

Once in place, your implant is fully concealed in your body.^{6,27,29} No one will know unless you tell them—even in the locker room.

How long is the recovery time after ED surgery, and when can I have intercourse?

Most men return home within a day of penile implant surgery and are back to all their normal activities within a week, typically having intercourse around 6 weeks post-surgery.^{6,27,29}

How long does an implant last? Will I ever need to replace it?

It is impossible to predict how long a particular implant will function in every patient. As with any medical device, penile implants are subject to wear and mechanical failure over time.^{16,27,30} A recent study of patients who received an AMS 700™ CX and LGX Penile Implant showed that the 7-year mechanical survival is 94%.³¹ To prolong the life of your implant, follow the advice of your urologist.

Are penile implants covered by insurance?

While most insurers cover the diagnosis and medically necessary treatment of ED, it is important to understand that coverage varies if you have insurance that covers penile implant surgery. Medicare has a national policy for ED, which includes penile implants, when deemed medically necessary. Work with your doctor's office and insurance carrier to check coverage levels prior to receiving treatment. For qualified patients, there are financial assistance programs available to help cover out-of-pocket expenses or to help cover the procedure if your private insurance will not cover it.

For a full list of FAQs, visit [EDCure.org/Get-Talking](https://www.edcure.org/Get-Talking)

Did you know?

In the U.S., more than half of men over 40 have some degree of ED.⁴

Visit EDCure.org to:

- Take the online ED quiz and get your customized treatment results
- Find an ED specialist in your area
- Register for free educational seminars to learn more about treatment options
- Hear how real people like you have found their ED cure
- Get common answers to common questions about ED, penile implants and insurance coverage

Talk to someone who's been there:

Email us at MHPatientEducation@bsci.com or call **1-844-4ED-CURE** and we can connect you with a patient who found a successful treatment for his ED.

Caution: U.S. Federal law restricts this device to sale by or on the order of a physician.

Your doctor is your best source for information on the risks and benefits of the AMS 700™ with MS Pump™ Inflatable Penile Prosthesis. Talk to your doctor for a complete listing of risks, warnings and important safety information.

The AMS 700™ with MS Pump™ Inflatable Penile Prosthesis is intended for use in the treatment of male erectile dysfunction (impotence). Implanting a penile prosthesis will damage or destroy any remaining ability to have a natural erection, as well as make other treatment options impossible.

Men with diabetes, spinal cord injuries or skin infections may have an increased risk of infection. Implantation may result in penile shortening, curvature or scarring. Some AMS 700 devices contain an antibiotic (InhibiZone™ Antibiotic Surface Treatment). The device may not be suited for patients who are allergic to the antibiotics contained within the device (rifampin, minocycline or other tetracyclines) or have systemic lupus.

Potential risks may include: device malfunction/failure leading to additional surgery, device migration potentially leading to exposure through the tissue, wearing away/loss of tissue (device/tissue erosion) infection, unintended-inflation of the device and pain/soreness. MH-545411-AA

Caution: U.S. Federal law restricts this device to sale by or on the order of a physician.

Your doctor is your best source for information on the risks and benefits of an AMS Ambicor™ Inflatable Penile Prosthesis. Talk to your doctor for a complete listing of risks, warnings and important safety information.

The AMS Ambicor™ Inflatable Penile Prosthesis is intended for use in the treatment of male erectile dysfunction (impotence). Implanting a penile prosthesis will damage or destroy any remaining ability to have a natural erection, as well as make other treatment options impossible.

Men with diabetes, spinal cord injuries or skin infections may have an increased risk of infection. Implantation may result in penile shortening, curvature or scarring.

Potential risks may include: device malfunction/failure leading to additional surgery, device migration potentially leading to exposure through the tissue, wearing away/loss of tissue (device/tissue erosion) infection, unintended-inflation of the device and pain/soreness. MH-545613-AA

Caution: U.S. Federal law restricts this device to sale by or on the order of a physician.

Your doctor is your best source for information on the risks and benefits of the Tactra™ Malleable Penile Prosthesis. Talk to your doctor for a complete listing of risks, warnings, and important safety information.

The Tactra Malleable Penile Prosthesis is intended for use in the treatment of erectile dysfunction (impotence) in adult males. Implanting a penile prosthesis will damage or destroy any remaining natural ability to have a spontaneous erection, as well as make other treatment options impossible.

Men with diabetes, spinal cord injuries, or skin infections may have an increased risk of infection. Implantation may result in penile shortening, curvature or scarring.

Additional information is provided in Patient Literature, available through your doctor. MH-611821-AA

All images are the property of Boston Scientific.

Patient testimonials

The stories throughout this brochure recount the experiences of people who are using Boston Scientific therapies related to erectile dysfunction. Boston Scientific invited these people to share their stories candidly. As you review them, please bear in mind that the experiences are specific to these particular people. As with all medical treatment, not every response is the same. We recommend you talk to your doctor about what treatment is right for you.



ED CURE

There is hope for every man with ED to regain the control, confidence and wholeness to enjoy an active, satisfying sex life. Your next step:

Watch the enclosed DVD

It will help answer some of the more personal questions you may have.

Talk with your doctor

Your doctor can give you the details you need so you can confidently take the next step.

EDCure.org is a website sponsored by Boston Scientific.

1. Erectile dysfunction. National Institute of Diabetes and Digestive and Kidney Diseases. <http://www.nlm.nih.gov/medlineplus/erectiledysfunction.html>. Accessed May 2015.
2. Selvin E, Burnett AL, Platz EA. Prevalence and risk factors for erectile dysfunction in the US. *Am J Med*. 2007 Feb;120(2):151-7.
3. Data on file with Boston Scientific and based on market research by Dymedex.
4. Feldman HA, Goldstein I, Hatzichristou DG, et al. Impotence and its medical and psychosocial aspects of the Massachusetts Male Aging Study. *J Urol*. 1994 Jan;151(1):54-61.
5. Shabsigh R, Lue TF. *A Clinician's Guide to ED Management*. New York: Haymarket Media Inc. 2006.
6. AMS 700™ with MS Pump™ Series Inflatable Penile Prosthesis Information and Instructions for Patients Considering an Inflatable Penile Prosthesis. American Medical Systems. 2016.
7. DiMeo PJ. Psychosocial and relationship issues in men with erectile dysfunction. *Urol Nurs*. 2006 Dec;26(6):442-6.
8. Erectile dysfunction (ED). American Urological Association. www.auanet.org/content/education-and-meetings/med-stu-curriculum/ed.pdf. Accessed January 21, 2013.
9. Dean RC, Lue TF. Physiology of penile erection and pathophysiology of erectile dysfunction. *Urol Clin North Am*. 2005 Nov;32(4):379-95.
10. WebMD. How the Penis Works: Erection and Ejaculation. <https://www.webmd.com/erectile-dysfunction/how-an-erection-occurs?> Accessed September 18, 2019.
11. Walter S, Lehu P. What Happens During Sexual Intercourse. <http://www.dummies.com/how-to/content/what-happens-during-intercourse.html>. Accessed June 7, 2016.
12. Walsh TJ, Hotaling JM, Smith A, et al. Men with diabetes may require more aggressive treatment for erectile dysfunction. *Int J Impot Res*. 2014 May-Jun;26(3):112-5.
13. Matthew AG, Goldman A, Trachtenberg J, et al. Sexual dysfunction after radical prostatectomy: prevalence, treatments, restricted use of treatments and distress. *J Urol*. 2005 Dec;174(6):2105-10.
14. Scott FB, Bradley WE, Timm GW. Management of erectile impotence: use of implantable inflatable prosthesis. *Urology*. 1973 Jul;2(1):80-2.
15. AMS 700™ with MS Pump™ Penile Prosthesis Operating Room Manual. American Medical Systems. 2018.
16. AMS 700™ with MS Pump™ Penile Prosthesis Product Line Instructions for Use. American Medical Systems. 2017.
17. Burnett AL, Nehra A, Breau RH, et al. Erectile Dysfunction: AUA Guideline. *American Urological Association*. 2018.
18. Levine LA, Estrada CR, Morgentaler A. Mechanical reliability and safety of, and patient satisfaction with the Ambicor inflatable penile prosthesis: results of a 2 center study. *J Urol*. 2001 Sept;166(3):932-7.
19. Rajpurkar A, Dhabuwala CB. Comparison of satisfaction rates and erectile function in patients treated with sildenafil, intracavernous prostaglandin E1 and penile implant surgery for erectile dysfunction in urology practice. *J Urol*. 2003 Jul;170(1):159-63.
20. Montorsi F, Rigatti P, Carmignani G, et al. AMS three-piece inflatable implants for erectile dysfunction: a long-term multi-institutional study in 200 consecutive patients. *Eur Urol*. 2000 Jan;37(1):50-5.
21. Otero JR, Cruz CR, Gómez BG, et al. Comparison of the patient and partner satisfaction with 700CX and Titan penile prostheses. *Asian J Androl*. 2017 May-Jun;19(3):321-5.
22. Coleman E, Listiak A, Braatz G, Lange P. Effects of penile implant surgery on ejaculation and orgasm. *J Sex Marital Ther*. 1985 Fall;11(3):199-205.
23. Carson CC 3rd, Mulcahy JJ, Harsch MR. Long-term infection outcomes after original antibiotic impregnated inflatable penile prosthesis implants: up to 7.7 years of follow-up. *J Urol*. 2011 Feb;185(2):614-8.
24. Sellers T, Dineen M, Salem E, et al. Vacuum preparation, optimization of cylinder length and postoperative daily inflation reduces complaints of shortened penile length following implantation of inflatable penile prosthesis. *Adv in Sex Med*. 2013 Jan;3(91):14-8.
25. Salem EA, Wilson SK, Neeb A, et al. Mechanical reliability of AMS 700 CX improved by parylene coating. *J Sex Med*. 2009 Sep;6(9):2615-20.
26. Kamel I, Gadalla A, Ghanem H, et al. Comparing penile measurements in normal and erectile dysfunction subjects. *J Sex Med*. 2009 Aug;6(8):2305-10.
27. AMS Ambicor™ Penile Prosthesis Instructions for Use. American Medical Systems. 2018.
28. Natali A, Olianias R, Fisch M. Penile implantation in Europe: successes and complications with 253 implants in Italy and Germany. *J Sex Med*. 2008 Jun;5(6):1503-12.
29. Tactra™ Malleable Penile Prosthesis Patient Manual. Information and instructions for patients considering a Tactra Malleable Penile Prosthesis. Boston Scientific. 2019.
30. Tactra™ Malleable Penile Prosthesis Directions for Use. Boston Scientific. 2019.
31. Enemchukwu EA, Kaufman MR, Whittam BM, et al. Comparative revision rates of inflatable penile prostheses using woven Dacron™ fabric cylinders. *J Urol*. 2013 Dec;190(6):2189-93.



Boston Scientific Corporation
 300 Boston Scientific Way,
 Marlborough, MA 01752-1234
www.bostonscientific.com

© 2019 Boston Scientific Corporation
 or its affiliates. All rights reserved.

MH-403518-AB OCT 2019

CONTENT IS PROVIDED BY BOSTON SCIENTIFIC. BOSTON SCIENTIFIC IS DEDICATED TO TRANSFORMING LIVES THROUGH INNOVATIVE MEDICAL SOLUTIONS THAT IMPROVE THE HEALTH OF PATIENTS AROUND THE WORLD.