



AMS 700 LGX

Inflatable Penile Prosthesis Patient Guide



INFORMATION FOR PATIENTS

This booklet gives you information that will help you decide whether to have an AMS 700 LGX inflatable penile prosthesis. It explains how the implant works, who may be suitable for this treatment, what the operation involves, the possible benefits and risks, and what to expect during recovery.

You will be asked to sign a consent form before surgery. It is important that you understand the information in this booklet and have the opportunity to discuss any questions with your surgeon or medical team.

You may find it helpful to write down any questions before your consultation.

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ABOUT THE AMS 700 LGX

The AMS 700 LGX is a three-piece inflatable penile prosthesis designed for men with erectile dysfunction when other treatments have not been effective, suitable, or acceptable.

The device is placed entirely inside the body and usually includes:

- two inflatable cylinders placed inside the penis
- a pump placed inside the scrotum
- a fluid reservoir placed in the lower abdomen or pelvic area

When the pump is pressed, sterile fluid moves into the cylinders to create an erection. When the device is deflated, the penis returns to a softer, more natural resting state.

The AMS 700 LGX is designed to provide rigidity for sexual activity while remaining discreet when not in use.

WHEN THIS TREATMENT MAY BE CONSIDERED

This treatment may be considered for men who have erectile dysfunction that has not improved with simpler treatments.

It may be suitable for men who:

- do not respond adequately to oral medicines such as tablets for erectile dysfunction
- have not achieved satisfactory results with injections or vacuum devices
- have erectile dysfunction after prostate surgery or other pelvic treatment
- have structural or medical causes of erectile dysfunction that make other options unsuitable
- prefer a more permanent implant-based solution

A penile implant is usually considered after other treatment options have been discussed. A full consultation and assessment are needed before deciding whether this operation is appropriate.



ABOUT ERECTILE DYSFUNCTION

Erectile dysfunction means difficulty getting or keeping an erection firm enough for sexual activity. It can happen for many reasons, including:

- reduced blood flow
- nerve damage
- diabetes
- cardiovascular disease
- pelvic surgery
- side effects of some treatments or medicines
- psychological factors such as anxiety or stress
- a combination of physical and emotional causes

For some men, erectile dysfunction can also lead to a loss of confidence, relationship strain, and concern about changes in penile length or firmness over time.

A penile implant does not treat the underlying cause of erectile dysfunction. Instead, it provides a mechanical solution to allow an erection when desired.

HOW THE IMPLANT WORKS

The AMS 700 LGX is an inflatable device that works by moving fluid within a closed internal system.

When the patient presses the pump in the scrotum:

- fluid moves from the reservoir into the cylinders
- the cylinders fill and become firm
- the penis becomes erect and suitable for intercourse

When the patient deflates the device:

- fluid moves back out of the cylinders
- the penis returns to a softer state

Because the implant is internal, there is no external equipment to wear or attach. Once healing is complete and the patient has been shown how to use the pump correctly, the erection can usually be created when desired.



FEATURES OF THE AMS 700 LGX

The AMS 700 LGX has features that distinguish it from some other penile implants.

These include:

- inflation and deflation on demand
- a three-piece design for a more natural flaccid and erect state
- a design intended to expand in both length and girth
- an internal concealed system with no external components
- manufacturer coating technology intended to help reduce infection risk

One of the most notable features of the LGX model is that it is designed for length and girth expansion, whereas some other implant models focus primarily on girth and rigidity alone.

This may be relevant for patients who are concerned about penile shortening associated with long-term erectile dysfunction or certain medical conditions. However, results vary from person to person and should always be discussed realistically.



BENEFITS AND EXPECTATIONS

POSSIBLE BENEFITS

Potential benefits of the AMS 700 LGX may include:

- reliable rigidity for sexual activity
- the ability to create an erection when desired
- a more natural appearance in the deflated state than with some simpler implant types
- an implant that is concealed completely inside the body
- high satisfaction in appropriately selected patients
- potential support for length and girth expansion over time, depending on anatomy and tissue condition

REALISTIC EXPECTATIONS

It is important to understand that:

- the implant does not restore natural erectile tissue function
- the implant does not increase sexual desire
- sensation and orgasm are often unchanged, but this depends on the individual and any underlying condition
- penile length may not be the same as it was earlier in life
- length-related improvement with the LGX is gradual and not guaranteed
- the implant requires manual use of the pump
- all implants may eventually require revision or replacement over time

A good outcome depends not only on the device itself, but also on anatomy, healing, training, and realistic expectations before surgery.



BEFORE YOUR OPERATION

Before surgery, you will usually have a consultation and pre-operative assessment. This may include:

- review of your medical history
- discussion of previous erectile dysfunction treatments
- examination
- discussion of medications you take
- blood tests or other investigations if needed
- discussion of the possible risks, benefits, and alternatives

You may be advised to:

- stop smoking if possible
- adjust certain medicines before surgery if instructed by your doctor
- avoid food and drink for a period before the operation, according to hospital guidance
- arrange time away from work and help at home if needed during early recovery

You should tell your medical team if you:

- have diabetes
- take blood-thinning medication
- have had previous pelvic or penile surgery
- have a history of infections
- have difficulty using your hands, as this may affect pump use



YOUR OPERATION

The operation is usually performed in hospital under general anaesthesia.

During surgery:

- an incision is made to allow the surgeon to place the implant
- the cylinders are inserted into the penis
- the pump is positioned in the scrotum
- the reservoir is placed internally in the lower abdomen or pelvis
- the system is tested before the wound is closed

The exact technique depends on anatomy, surgical preference, and individual clinical circumstances.

The operation usually takes around 1 to 2 hours, although this can vary.

In many cases, the implant is left partially inflated for a short period after surgery to support healing. Your surgeon will explain what is planned in your case.



AFTER YOUR OPERATION AND USING THE DEVICE

IMMEDIATELY AFTER SURGERY

After the operation, it is normal to experience:

- swelling
- bruising
- discomfort or soreness
- tenderness in the penis and scrotum

Pain relief will be provided as needed.

You may go home the same day or stay overnight, depending on your case and your surgeon's advice.

RECOVERY

Recovery varies, but commonly includes:

- return to light daily activity within several days
- gradual improvement in swelling and discomfort over the first few weeks
- avoidance of strenuous activity for a period advised by your surgeon
- return to sexual activity only after medical clearance, often around 6 to 8 weeks

LEARNING TO USE THE IMPLANT

You will usually be shown how to operate the device after the initial healing period.

This includes:

- how to inflate the implant
- how to deflate the implant
- how often to cycle the device if advised

Regular cycling may be recommended to help maintain tissue expansion and familiarity with the device. It is important not to begin using the implant until your surgeon tells you it is safe to do so.



RISKS AND COMPLICATIONS

As with any surgery, penile implant surgery has potential risks and complications.

These may include:

- bleeding
- swelling
- pain
- delayed healing
- infection
- damage to nearby structures
- device malfunction
- erosion of device components
- difficulty inflating or deflating the device
- dissatisfaction with size, feel, or function
- the need for further surgery

Although many patients do well, complications can occur even when surgery is performed carefully.

Your individual risk depends on factors such as:

- diabetes
- smoking
- prior surgery
- scar tissue
- general health
- history of infection

You should seek medical advice urgently if you have increasing pain, fever, discharge, severe swelling, or any concern that the wound is not healing properly.



REDUCING THE RISK OF INFECTION, LONG-TERM RESULTS AND REVISION SURGERY

REDUCING THE RISK OF INFECTION

Infection is one of the most important complications of implant surgery because it can require removal of the device.

Steps used to reduce risk may include:

- careful patient selection
- sterile surgical technique
- antibiotic use
- coated implant technology intended to reduce bacterial growth
- careful wound care after surgery

You can help reduce risk by following all pre-operative and post-operative instructions carefully.

LONG-TERM RESULTS

Many penile implants continue to function well for years. Inflatable implants can offer durable long-term outcomes, but no mechanical device lasts forever.

REVISION SURGERY

Revision or replacement surgery may be needed if there is:

- device malfunction
- infection
- erosion
- wear over time
- dissatisfaction requiring correction in selected cases

The need for revision does not necessarily mean the first operation failed. In some cases, it reflects the long-term nature of implant care and the fact that mechanical components may eventually need replacement.



OTHER TREATMENT OPTIONS

Before choosing a penile implant, other treatments may be discussed.

These may include:

- oral medication
- penile injections
- vacuum erection devices
- counselling or psychological support where appropriate
- treatment of contributing medical causes if possible

There are also different types of penile implants.

These include:

- inflatable implants, such as the AMS 700 range
- malleable implants, which use bendable rods rather than a pump system

Each option has advantages and disadvantages. Your surgeon will explain which treatments may be appropriate for your situation.



COMMON QUESTIONS

WILL THE IMPLANT BE VISIBLE?

No. The device is placed internally and is not usually visible externally.

WILL IT FEEL NATURAL?

Inflatable implants are designed to give a more natural erect and flaccid state than simpler rigid devices, but the experience is not the same as a natural erection.

WILL IT INCREASE DESIRE?

No. The implant does not increase libido or sexual desire.

WILL SENSATION CHANGE?

Sensation and orgasm are often unchanged, but this depends on your health, nerve function, and any previous treatment or surgery.

CAN I USE IT WHENEVER I WANT?

Once healing is complete and you have been taught how to use it, the device can usually be activated when desired.

WILL IT MAKE THE PENIS LARGER?

The implant is not a cosmetic enlargement procedure. The LGX model is designed to expand in length and girth, but results vary and should be discussed realistically.

HOW LONG DOES IT LAST?

Many implants function well for years, but some patients will eventually need revision or replacement surgery.



NOTES

You may wish to use this space to write down questions for your consultation, information about your symptoms, previous treatments, or any points you want to discuss with your surgeon.

- What treatments have I already tried?
- What are my main concerns?
- What result am I hoping for?
- What questions do I want answered before making a decision?

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SOURCE AND INFORMATION NOTICE

This booklet is intended for general educational purposes only. Some device-related information is based on publicly available manufacturer information relating to the AMS 700 LGX, including information published by Boston Scientific.

Device features, specifications and guidance may change over time. Readers who wish to review current manufacturer information may consult the official Boston Scientific website directly.

This booklet does not replace a personal medical consultation, official manufacturer documentation, or advice from a qualified surgeon or medical team. While every effort has been made to present information clearly and accurately, no guarantee can be given that all information remains complete, current, or free from error at the time of reading.

