



INBONE™
Total Ankle System



**Immobilized
by an Arthritic
Ankle?**

This patient education brochure is presented by Wright.

Patient results may vary. Please consult your physician to determine if these products are right for you.

For more information about Wright's products or prescribing information, including warnings and contraindications, please consult the product labeling summary provided on the back inside cover of this brochure, or visit www.inbone.com.

3 Introduction

4 Patients Speak Out

6 Ankle Anatomy

7 Diseases of the Ankle

7 What Is Rheumatoid Arthritis?

7 What Is Tarsal Tunnel Syndrome?

7 What Is Ankle Injury?

8 Ankle Replacement

8 Are There Other Benefits to Ankle Surgery?

9 Is Ankle Surgery a New Procedure?

9 What Makes the INBONE™ Total Ankle Implant Different From Competitors?

10 Who Is Wright?

10 Frequently Asked Questions

Introduction

There are a variety of conditions that can lead to ankle joint deterioration resulting in pain, reduced range of motion, and decreased quality of life. Those conditions include forms of arthritis, bone degeneration and injury. As a treatment option, your physician may recommend ankle replacement surgery with an implant from Wright.

For decades Wright has been an industry leader, pioneering new and better ways to address joint pain – which is why physicians and patients put their trust in Wright.

We know that the prospect of surgery can be quite daunting and is no small decision for you. So, we have put together this brochure as a resource to enable you to learn more about our advanced technology and technique – ankle replacement – and the respected position it holds in the medical community.



Patients Speak Out

Of course, individual results vary and only your physician can determine what is the best course of treatment for you. However, here's what some recipients of Wright's INBONE™ implant are saying . . .

Jeanne's Experience

"I enjoyed the most active and pain-free period in the last 20 years. I'm looking forward to a full and active life for the first time ever."

Jeanne, age 62, underwent ankle replacement for tarsal coalition, an abnormal connection that develops between two bones in the back of the foot. After continued years of pain and facing amputation, Jeanne began to research other options and discovered a new solution for ankle pain.

Jeanne's physician suggested she receive Wright's INBONE™ Total Ankle

System and was able to implant an artificial ankle minimizing loss of bone and restoring mobility. At eight weeks, she was weight-bearing and experienced no pain or swelling!

In October 2007, Jeanne received her second ankle implant for the opposite ankle and recovery was faster than with her first replacement. Jeanne was out of her cast and walking after only six weeks. Six months later, Jeanne traveled to China for three weeks. With her new ankles, she successfully climbed the long and steep cobblestone pathway to see the Great Wall. "The Great Wall was my own personal Mt. Everest," said Jeanne. "For the first time in my life, I have normal mobility and look forward to each day," she said. "This experience is profoundly life changing."



Jeanne
Ankle Replacement Patient

Robin's Experience

Robin, had an unsuccessful ankle replacement with another product several years ago and was still living with daily pain. He walked with a limp and on the outside of his foot because his ankle would roll over. After enduring much pain and frustration, Robin discovered Wright's INBONE™ Total Ankle System and contacted his physician.

Robin's physician suggested the INBONE™ Ankle System and was able to replace his ankle minimizing pain and quickly restoring mobility. Since his surgery, he is now pain free, the first time in over 4 years. He can walk normally with his foot straight and no longer has a limp and can now get back to his active life!

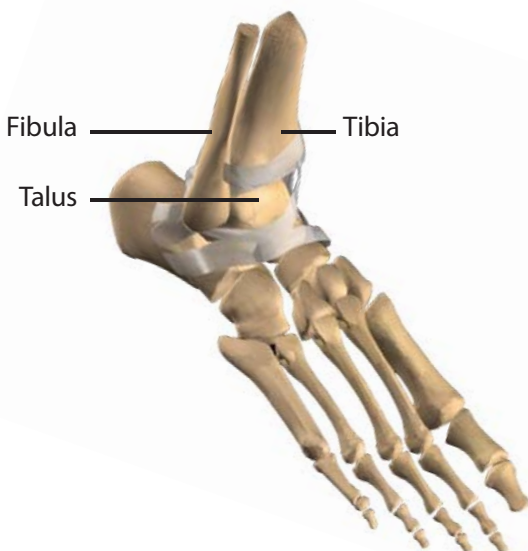


Robin
Ankle Replacement Patient

“Since my surgery with the INBONE™ Ankle, I am now pain free. I can finally return to my active daily lifestyle.”

Ankle Anatomy

The human ankle is a joint that acts much like a hinge. The joint is formed by the union of three bones. The ankle bone is the talus. The top of the talus fits inside a socket that is formed by the lower end of the tibia, often called the shinbone, and the fibula, the small bone of the lower leg. The bottom of the talus sits on the heelbone, called the calcaneus. As one of the most flexible, free-moving joints in the body, the normal ankle can move forwards, from side-to-side, and twist.



Like other free-moving joints, the ankle contains cartilage which absorbs shock. It is held together with ligaments – straps of tough tissue, which help prevent the joint from dislocating. Full function of the ankle joint depends on the successful coordination of many interrelated parts including bones, muscles, tendons, ligaments, and nerves.

In patients with arthritis, one of the most common reasons for ankle replacement surgery, the cartilage in the joint has worn down, resulting in bone-on-bone contact, causing pain and limited activity.

Diseases of the Ankle

What Is Rheumatoid Arthritis?

Rheumatoid arthritis occurs when the body's own immune system attacks the synovial lining of the joints, just as it would a foreign bacteria. Synovial fluid is a clear, smooth, oil-like lubricating liquid that makes it easier for the joints to move.

What Is Tarsal Tunnel Syndrome?

Tarsal Tunnel Syndrome is the result of nerve compression in the ankle as the sensory nerve passes under the tarsal tunnel and the tunnel is irritated by pressure. The result is numbness and tingling in the foot and ankle.

What Is Ankle Injury?

Ankle injury occurs when there is trauma to the joint. Symptoms include swelling, pain weakness and difficulty walking. These injuries can significantly affect your mobility.

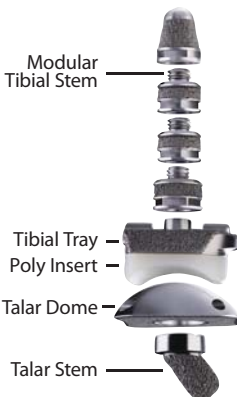
Healthy Ankle



Arthritic Ankle



INBONE™
Total Ankle
Replacement



INBONE™
Total Ankle System

Ankle Replacement

Total ankle replacement is a viable surgical solution for pain reduction in the joint. It is a bone-conserving, less-invasive approach than in the past.

Your doctor has recommended ankle replacement for you, based on your unique and specific condition. A total ankle replacement results in increased mobility and pain reduction.

Are There Other Benefits To Ankle Replacement?

The INBONE™ Total Ankle System has many advantages:

- Enhanced fixation
- Bone preservation
- Multiple modular components to assist in anatomical sizing
- Thick poly insert for maximized resistance to wear
- Allows patients to maintain an active lifestyle

The INBONE™ System has been designed to fit your specific anatomy because it is supported by an adjustable length stem and a fixed bearing system for enhanced fixation. The vertical fixation of the implant allows less bone removal and leaves the fibula completely intact. The talar component maximizes cortical bone support to minimize talar subsidence.

“The first time that I walked without pain in 10 years was after I received my new INBONE™ Ankle.”

Terry
Ankle Replacement Patient

Is Ankle Surgery A New Procedure?

Ankle replacement might seem new, but it has been around for many years. Until recently, there were limited options available for ankle replacement. The INBONE™ Total Ankle System began as a leading foot and ankle surgeon's quest to provide a feasible surgical solution to ankle arthritis patients for pain reduction and restored mobility. The INBONE™ Ankle team carefully studied previous ankle designs to determine the causes of implant failure. With that knowledge in hand, and using design elements already proven successful in hip and knee implants, INBONE™ Ankle engineers designed a total ankle replacement that could replicate natural anatomy.

What Makes Wright's INBONE™ Implant Different From Competitors?

The INBONE™ Ankle modular design feature of the tibial stem allows the physician to select the appropriate number of pieces based on patient size and bone structure. This results in a more precise fit and less-invasive installation process with minimal bone removal. Other procedures offer only stems available in specific sizes which does not allow a customizable fit.

The patented FootHolder secures your foot but the ankle remains dynamic. Guide rods determine exact alignment allowing the surgeon to precisely position the prosthesis. This eliminates any guess work on the surgeon's part. No other ankle implant utilizes this type of installation guidance.



Who is Wright?

Wright is a well-established orthopaedic company with over 50 years of design experience and a distinguished track record in the field of joint replacement. Wright's philosophy has always been to design implants and procedures that preserve as much of the body's natural structures (bone) as possible. Through advances in implant technology and constant improvement in surgical techniques, Wright is continually innovating products that improve the lives of our patients.

Frequently Asked Questions

Q. What age is ankle replacement an option for me?

A. Please direct this question directly to your surgeon as it differs for each individual. However, patients aged 30 to 75 have received total ankles.

Q. Is the INBONE™ Ankle a viable option for revision of other failed total ankles?

A. Yes, the INBONE™ Total Ankle can be used to replace other failed total ankles. INBONE™ Ankle engineers developed certain design elements for this reason.

Q. What are the possible complications?

A. Possible adverse effects of surgery include:

- Post-operative infection
- Post-operative allergic reaction
- Bone damage or fracture may occur during installation due to compromised bone quality, osteoporosis or previous bone injury or surgery.
- Improper installation or bone non-union
- DVT (deep vein thrombosis)



Q. What do I need to do at home to prepare for discharge?

A. You will receive detailed instructions from your doctor and anesthesiologist before you are discharged from the hospital. These may include :

- Moving wires and cords to prevent tripping
- Removing small throw rugs
- Selecting a stool or chair for elevation of the ankle
- Taking precautions in your shower or bath to prevent slipping
- Adjusting the height of chairs and furniture
- Asking for assistance with transportation



Q. What should I expect in the immediate post-operative period?

A. In the immediate post-operative period, you can expect swelling and some pain. Your anesthesiologist will prescribe medications to keep you comfortable and prevent infection.

Q. Do I need to take precautions before dental work?

A. It is important to inform your dentist that you have recently undergone total joint replacement surgery. If bacteria in the mouth travels into the bloodstream, it could increase the likelihood of infection of your total joint replacement.

Q. Why do I keep setting off the airport metal detector?

A. Your total ankle implant is made of titanium and cobalt chrome; two metals that can set off security screening machines. If you are a frequent traveler, please contact Wright for a product identification card to carry in your wallet and display at security checkpoints.



Wright Medical Technology, Inc.

5677 Airline Road
Arlington, TN 38002
901.867.9971 phone
800.238.7188 toll-free
www.wmt.com

Wright Medical EMEA

Krijgsman 11
1186 DM Amstelveen
The Netherlands
011.31.20.545.0100
www.wmt-emea.com