



Direct to Bone. Back to Life.™



SONOMA[™] WRx
WRIST FRACTURE REPAIR DEVICE


SONOMA[™]
Orthopedic Products, Inc

Direct to Bone. Back to Life.™

Sonoma Orthopedic Products, Inc.
3589 Westwind Blvd
Santa Rosa, California 95403
P: 707-526-1335

www.sonomaorthopedics.com

LB-0127 Rev G

Wrist Fractures PATIENT EDUCATION


SONOMA[™]
Orthopedic Products, Inc



Wrist Fractures

Wrist fractures are one of the most common injuries of the upper skeletal system. The two bones in your forearm, the radius and the ulna, along with small bones in your hand form the wrist joint. The radius is located on the thumb side of your forearm and is the most commonly fractured bone.

Do I need surgery for my wrist fracture?

Your physician will determine if surgery is required to repair your wrist fracture. If the bone can be realigned easily, your physician may decide to place your arm in a cast or splint until the fracture heals. If the fracture is more complicated, surgery may be required to implant a device that helps support the bone while it heals.

What are my surgical options?

Your physician will determine what implant best addresses your wrist fracture. There are several options for surgical repair of wrist fractures. Sonoma Orthopedic Products offers a minimally invasive surgical option that allows your surgeon to place a device inside of the bone through a small incision. Other surgical options include placing plates with screws either on the top (dorsal) or bottom (volar) side of the bone. In some circumstances, your surgeon may elect to use an external fixation device.

How does the Sonoma™ WRx distal radius implant work?

The Sonoma™ WRx is a stainless steel implant that is FDA cleared to treat distal radius fractures. It is placed inside the broken bone by your orthopedic surgeon through a single small incision. The implant is flexible, allowing it to be easily inserted into the bone. After positioning the implant inside the bone, it can transition from flexible to rigid to provide the necessary fixation to help support the healing bone.

How long does the procedure take?

The surgery can be performed as a same-day, outpatient procedure in either a hospital or surgery center. Prior to your surgery, your doctor will explain the surgical procedure. The complexity of your fracture often determines the length of the surgery.

Will I experience pain?

Like other surgical procedures, you may experience pain which should be easily controlled with pain medications. The Sonoma™ WRx device is designed to be implanted by your surgeon through a small incision to minimize soft tissue trauma and pain. If you experience uncomfortable pain, you should contact your surgeon immediately.

What do I do after my surgery?

Your doctor and physical therapist will provide you with instructions after your surgery. Many patients have reported minimal pain after surgery with the Sonoma™ WRx.

It is important to follow your healthcare professional's instructions after surgery even if you don't experience pain. Over stressing the fracture with too much activity prior to the bone healing may lead to complications or even damage to the implant which could require a secondary surgical procedure.

Typically, after surgery you be fitted with a cast or splint to protect your broken wrist for at least 4 to 6 weeks while it begins to heal. After a month, your physician will instruct you to perform some basic strengthening and range of motion exercises. After 12-16 weeks, your physician may allow you to return to normal activity or sports.

How long will it take for my wrist fracture to heal?

Many factors can affect how bones heal. It is important to follow the post-operative guidelines recommended by your doctor to avoid delaying the healing of your fracture. Typically bones can take up to 8 to 12 weeks to heal.

Can the Sonoma™ WRx implant be removed?

The Sonoma™ WRx is designed to be removed. Your surgeon will determine if and when it is appropriate to remove the device after your wrist heals. This will require a minor surgical procedure.

How can I learn more about wrist fractures and the Sonoma™ WRx implant?

The manufacturer of the Sonoma™ WRx is Sonoma Orthopedic Products. They have a website that contains additional information and patient educational material. www.sonomaorthopedics.com