



exogen<sup>®</sup>  
ultrasound bone healing system

BONE HEALING.

PROVEN.

Helping promote  
bone healing in just

20 minutes  
a day

# EXOGEN Ultrasound Bone Healing System

EXOGEN is a unique fracture healing device that uses safe, effective low-intensity pulsed ultrasound to help stimulate the body's natural healing process. EXOGEN also provides:

- Dedicated patient support
- Built-in treatment tracking calendar
- **EXOGEN CONNECTS** app with resources for patients available throughout their healing journey
- The **EXOGEN @Home Experience** with useful resources available to you 24/7 as you use EXOGEN to treat your fracture.



Scan to learn more  
about the EXOGEN  
@Home Experience

**EXOGEN is the only FDA-approved bone healing device with:**

38%

accelerated healing of  
indicated\* fresh fractures<sup>1,2</sup>

86%

heal rate for fractures not  
healing on their own<sup>3</sup>

20

minute treatment that fits  
easily into your day

Some fractures can be difficult to heal.  
EXOGEN has been proven to heal fractures  
not healing on their own.



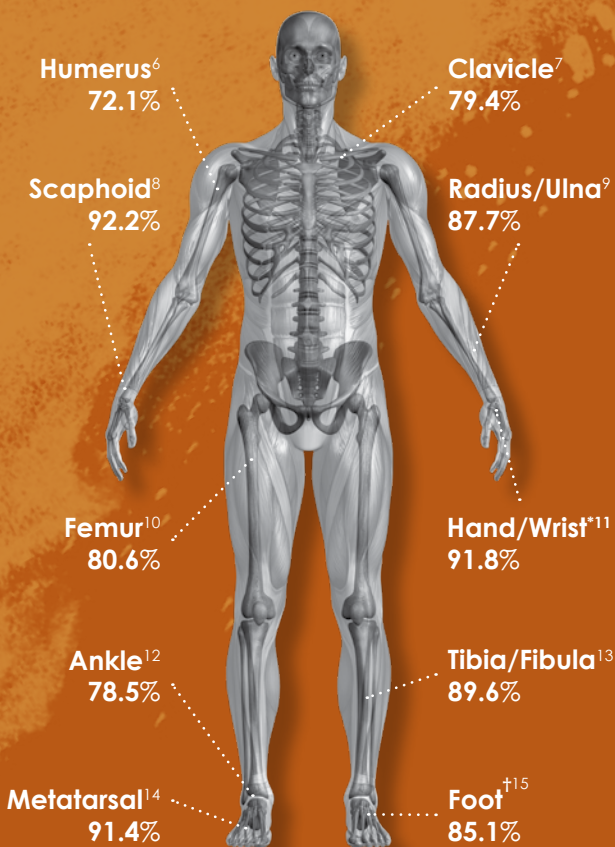
Actual size

**15.3 million fractures occur every year<sup>4</sup>  
and as many as 10% may be at risk of  
not healing<sup>5</sup>**

**Factors that may affect your healing:**

- Fracture location
- Smoking
- Diabetes
- Advanced age
- Obesity
- Osteoporosis
- Steroids
- Certain medications
- Vascular insufficiency
- Nutritional deficiency

**Heal rates with EXOGEN, for fractures  
not healing on their own**



<sup>\*</sup>Excludes scaphoid

<sup>†</sup>Excludes metatarsals



# Frequently asked questions

## Will EXOGEN help heal my fracture?

Clinical studies show that EXOGEN heals breaks not healing on their own at a high heal rate of up to 86%<sup>3</sup> and speeds up healing of certain\* fresh fractures by 38%.<sup>1,2</sup>

## Is EXOGEN treatment painful?

Most patients don't feel anything at the treatment site, while some patients report experiencing a tingling sensation.

## How will I know if the EXOGEN unit is working?

Your device is working properly when you see the display screen counting down from 20 minutes during treatment. The treatment symbol will also cycle during treatment. The device will not make a sound or vibration during treatment. Your physician will update you on your healing status at follow-up appointments.

## What if I don't place the EXOGEN transducer in exactly the right spot?

Best results are achieved when the EXOGEN transducer is placed at the location marked by your physician.

## Will having two or more treatments per day result in better or faster healing?

Clinical studies have evaluated the effectiveness of EXOGEN with one 20-minute treatment per day with demonstrated healing acceleration. Multiple or longer-duration daily treatments have not been studied.

## What if I miss a treatment?

Try to get back on schedule as soon as possible. To stay consistent with your treatments, check the treatment tracking calendar on your device and download the EXOGEN smartphone app with treatment reminders. Identifying a consistent and convenient time to use EXOGEN each day helps minimize missed treatments.

## What is the EXOGEN Rewards Program?

Patients who achieve 95% compliance with their daily treatment may be eligible to be reimbursed a portion of their paid out-of-pocket cost for the EXOGEN device (terms and conditions apply; see details at [EXOGEN.com/PatientRewards](https://www.exogen.com/PatientRewards)).

## Whom should I contact if I have questions about EXOGEN?

Please call Customer Service at 1-800-836-4080.

We would love to see your recovery story!



Please share yours with us on Instagram  
and tag **@ExogenBoneHealing**



Please visit **EXOGEN.com** or call  
Customer Service at **1-800-836-4080**  
to learn more.

**References:** 1. Heckman JD, Ryaby JP, McCabe J, Frey JJ, Kilcoyne RF. Acceleration of tibial fracture healing by non-invasive, low-intensity pulsed ultrasound. *J Bone Joint Surg Am.* 1994;76(1):26-34. doi:10.2106/00004623-199401000-00004 2. Kristiansen TK, Ryaby JP, McCabe J, Frey JJ, Roe LR. Accelerated healing of distal radial fractures with the use of specific, low-intensity ultrasound. A multicenter, prospective, randomized, double-blind, placebo-controlled study. *J Bone Joint Surg Am.* 1997;79(7):961-73. doi:10.2106/00004623-199707000-00002 3. Nolte PA, van der Krans A, Patka P, Janssen IM, Ryaby JP, Albers GH. Low-intensity pulsed ultrasound in the treatment of nonunions. *J Trauma.* 2001;51(4):693-703. doi:10.1097/00005373-200110000-00012 4. AAOS Now. Half of all musculoskeletal injuries occur in the home. Posted April 9, 2009. [www.aaos.org/news/aaosnow/apr09/clinical9.as](http://www.aaos.org/news/aaosnow/apr09/clinical9.as) 5. Einhorn TA. Enhancement of fracture-healing. *J Bone Joint Surg Am.* 1995;77(6):940-56. doi:10.2106/00004623-199506000-00016 6. Bioventus LLC. Humerus nonunion claims based on EXOGEN Registry. Data on file, RPT-000396. 7. Bioventus LLC. Clavicle nonunion claims based on EXOGEN Registry. Data on file, RPT-000409. 8. Bioventus LLC. Scaphoid nonunion claims based on EXOGEN Registry. Data on file, RPT-000398. 9. Bioventus LLC. Radius/ulna nonunion claims based on EXOGEN Registry. Data on file, RPT-000410. 10. Bioventus LLC. Femur nonunion claims based on EXOGEN Registry. Data on file, RPT-000395. 11. Bioventus LLC. Hand/wrist nonunion claims based on EXOGEN Registry. Data on file, RPT-000411. 12. Bioventus LLC. Ankle nonunion claims based on EXOGEN Registry. Data on file, RPT-000408. 13. Bioventus LLC. Tibia nonunion claims based on EXOGEN Registry. Data on file, RPT-000391. 14. Bioventus LLC. Metatarsal nonunion claims based on EXOGEN Registry. Data on file, RPT-000389. 15. Bioventus LLC. Foot nonunion claims based on EXOGEN Registry. Data on file, RPT-000412.

**\*Indications for Use:** The EXOGEN Ultrasound Bone Healing System is indicated for the non-invasive treatment of established nonunions\* excluding skull and vertebra.

The EXOGEN device has also been reported as effective as an adjunctive non-invasive treatment of established nonunions in patients:

- With internal or external fracture fixation hardware present. EXOGEN cannot penetrate metal and therefore should not be applied directly over hardware.
- Undergoing treatment for infection at the fracture site. EXOGEN is not intended to treat the infection.
- Believed to have diminished bone quality. EXOGEN is not intended to treat diminished bone quality.

In addition, EXOGEN is indicated for accelerating the time to a healed fracture for fresh, closed, posteriorly displaced distal radius fractures and fresh, closed or Grade I open tibial diaphysis fractures in skeletally mature individuals when these fractures are orthopaedically managed by closed reduction and cast immobilization.

There are no known contraindications for the EXOGEN device. Safety and effectiveness have not been established for individuals lacking skeletal maturity; pregnant or nursing women; patients with cardiac pacemakers; on fractures due to bone cancer; or on patients with poor blood circulation or clotting problems. Some patients may be sensitive to the ultrasound gel.

\*A nonunion is considered to be established when the fracture site shows no visibly progressive signs of healing.

Full prescribing information can be found in product labeling, at [www.exogen.com](http://www.exogen.com) or by contacting customer service at 1-800-836-4080.

EXOGEN, Bioventus and the Bioventus logo are registered trademarks of Bioventus LLC.

