

exogen[®]

ultrasound bone healing system

Safe, painless, easy fracture healing

#1 PRESCRIBED BONE HEALING
SYSTEM IN THE UNITED STATES¹

- Helping promote faster bone healing in **just 20 minutes a day**²
- FDA-approved
- More than **25 years** of proven results



THE HEALING ADVANTAGE

exogen[®]

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Why wait?

**Let's get your
fracture healed!**



Some fractures can be difficult to heal. EXOGEN uses safe, painless, low-intensity ultrasound waves to amplify your body's natural bone repair processes.*^{2,3}

An FDA-approved device, EXOGEN has been prescribed for over **25 years** to help more than a million patients worldwide.⁴

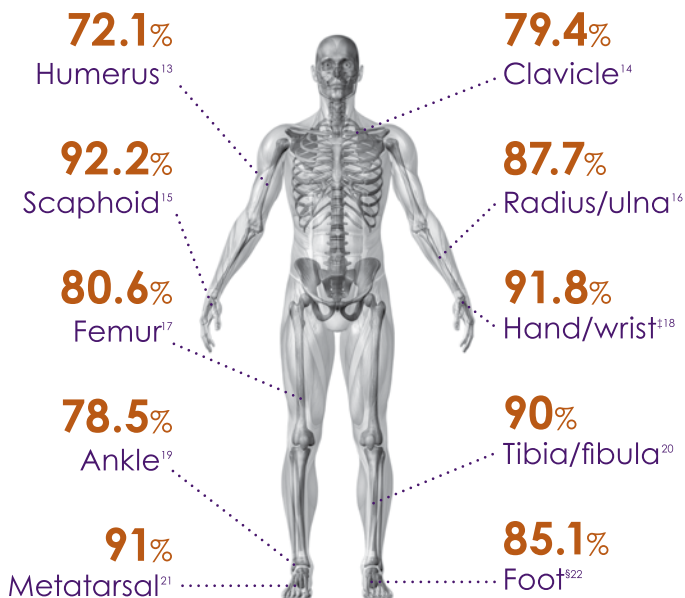


EXOGEN is:

- **Easy to use**—The user-friendly, single-button device arrives ready to use.
- **Covered by many insurers**—Medicare and the majority of insurance plans cover EXOGEN.⁵⁻⁸
- **Convenient**—Each daily treatment takes just **20 minutes**.
- **Encouraging**—A built-in treatment tracking calendar will help you stay motivated to reach your treatment goals.
- **Effective**—Clinical studies show that EXOGEN heals up to 86% of nonunion fractures and speeds up healing of indicated fresh fractures by 38%.^{†9-12}

Heal rate of common fractures treated with **EXOGEN**

In many cases, EXOGEN may prevent the need for further surgery.^{11,13-22}



Heal rates based on fracture age of 91-365 days.¹³⁻²²

¹⁴Includes metacarpal, carpal, and hamate.

¹⁹Includes talus, calcaneus, tarsal navicular, cuboid, and cuneiform.

With **EXOGEN** at your side, you'll have:

- Dedicated **EXOGEN** Care Team
- The **EXOGEN CONNECTS** app, with resources for you throughout your healing journey
- The **EXOGEN @Home Experience**, with helpful information available to you 24/7



• @ExogenBoneHealing on



Frequently Asked Questions

Does EXOGEN really help heal fractures?

Yes. EXOGEN is FDA-approved and has been shown to be safe in clinical studies that support its indicated uses. Those clinical studies demonstrate that EXOGEN heals fractures not healing on their own at a high incidence—up to 86% of nonunion fractures—and speeds up healing indicated fresh fractures by 38%.¹⁹⁻¹²

What should I expect once my doctor prescribes EXOGEN?

An EXOGEN representative will contact you to review your insurance and shipping information. Once your insurance provides your coverage information to us, your EXOGEN Care Team representative will contact you to review your benefits. You may then receive your EXOGEN device, either in person at your doctor's office or via shipment to your home, whichever option you prefer.

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 screens will continue to cycle during treatment. The device will not make a sound or vibration during treatment. You will achieve the best healing results when you place the EXOGEN transducer at the location marked by your physician.

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 identify a convenient time to use EXOGEN each day. You can also download **EXOGEN CONNECTS**, a free treatment reminder app, from the Apple App Store or Google Play.

Where can I get help with other questions?

Please call the EXOGEN Care Team at 1-800-836-4080.



Scan the QR code to see patient success stories at [EXOGEN.com/testimonial](https://www.exogen.com/testimonial).

To learn more:

- Ask your doctor for more information about EXOGEN.
- Visit **EXOGEN.com** to find a doctor near you.
- Call Customer Service at **1-800-836-4080**.

References: 1. iData Research. Orthopedic Trauma Devices Market Size, Share & COVID-19 Impact Analysis. United States, 2019-2025. Posted 2019. Accessed July 29, 2021. Subscription-based website. <https://idataresearch.com/product/trauma-devices-market-united-states/> 2. Bioventus LLC. EXOGEN[®] User Guide. Last updated 2020. [exogen.com/wp-content/uploads/2021/10/81087030-US-2020-User-Guide.pdf](https://www.exogen.com/wp-content/uploads/2021/10/81087030-US-2020-User-Guide.pdf) 3. Azuma Y, Ito M, Harada Y, Takagi H, Ohta T, Jingushi S. Low-intensity pulsed ultrasound accelerates rat femoral fracture healing by acting on the various cellular reactions in the fracture callus. *J Bone Miner Res.* 2001;16(4):671-80. doi:10.1359/jbmr.2001.16.4.671 4. Bioventus LLC. Data on File, RPT-001321. 5. Aetna Bone growth stimulators. Medical Clinical Policy Bulletin. Last updated June 8, 2022. www.aetna.com/cpb/medical/data/300_399/0343.html 6. Cigna Bone growth stimulators: electrical (invasive, noninvasive), ultrasound. Medical Coverage Policy. Last updated May 15, 2022. https://static.cigna.com/assets/chcp/pdf/coveragePolicies/medical/mm_0084_coveragepositioncriteria_bone_growth_stimulators.pdf 7. Humana Bone growth stimulators. Medical Coverage Policy. Last updated February 24, 2022. http://apps.humana.com/tad/tad_new/Search.aspx?searchtype=beginwith&docbegin=B&policyType=medical 8. United Healthcare. Electrical and ultrasound bone growth stimulators. UnitedHealthcare[®] Commercial Medical Policy. Last updated January 1, 2022. [uhcprovider.com/content/dam/provider/docs/public/policies/commercial-medical-drug/electrical-ultrasound-bone-growth-stimulators.pdf](https://www.uhcprovider.com/content/dam/provider/docs/public/policies/commercial-medical-drug/electrical-ultrasound-bone-growth-stimulators.pdf) 9. 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 10. 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 11. 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 12. Zura R, Della Rocca GJ, Mehta S, et al. Treatment of chronic (>1 year) fracture nonunion: heal rate in a cohort of 767 patients treated with low-intensity pulsed ultrasound (LIPUS). *Injury.* 2015;46(10):2036-41. doi:10.1016/j.injury.2015.05.042 13. Bioventus LLC. Humerus nonunion claims based on EXOGEN Registry. Data on file, RPT-000396. 14. Bioventus LLC. Clavicle nonunion claims based on EXOGEN Registry. Data on file, RPT-000409. 15. Bioventus LLC. Scaphoid nonunion claims based on EXOGEN Registry. Data on file, RPT-000398. 16. Bioventus LLC. Radius/ulna nonunion claims based on EXOGEN Registry. Data on file, RPT-000410. 17. Bioventus LLC. Femur nonunion claims based on EXOGEN Registry. Data on file, RPT-000395. 18. Bioventus LLC. Hand/wrist nonunion claims based on EXOGEN Registry. Data on file, RPT-000411. 19. Bioventus LLC. Ankle nonunion claims based on EXOGEN Registry. Data on file, RPT-000408. 20. Bioventus LLC. Tibia nonunion claims based on EXOGEN Registry. Data on file, RPT-000391. 21. Bioventus LLC. Metatarsal nonunion claims based on EXOGEN Registry. Data on file, RPT-000389. 22. Bioventus LLC. Foot nonunion claims based on EXOGEN Registry. Data on file, RPT-000412.

***Summary of 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 orthopedically 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 EXOGEN.com, or by calling Customer Service at 1-800-836-4080.

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