



xsam® X1

Feel Good Again.

Elevate your patients healing potential™

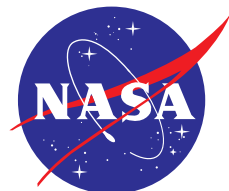
Daily tissue regeneration.

sam® X1 the first innovative, wireless ultrasound device for at-home use that promotes natural healing.

Funded by the National Institutes of Health and NASA, **sam® X1** enhances cellular based therapies, actively stimulates soft tissue repair, reduces Inflammation, and heals pain.



National Institutes
of Health



samrecover.com

Made and Patented in the USA, ISO 13485, CGMP, #9,199,096, #9,480,863, #9,492,687, #D746,993, #D746,994: FDA-cleared for prescription use only (K211513)

xsam® X1

A state-of-the-art clinically proven, prescription only, bioregenerative long-duration ultrasound treatment that increases circulation, stimulates soft tissue repair and reduces pain. Everyday.

Simply the most versatile regenerative treatment option for soft tissue injuries and joint arthritis.

What can sam® be used on?

- Knee and Hip Osteoarthritis
- Shoulder Tendinopathy
- Medial and Lateral Epicondylitis
- Plantar Fasciitis
- Patella and Quadricep Tendonitis



How does sam® work?

sam® is a wearable medical device that delivers continuous long duration ultrasound treatment at 1.3W of energy to stimulate biological soft tissue repair as deep as 5 cm below the skin's surface.

Similar to other ultrasound-based treatments applied in clinical offices, **sam®** provides mechanical stimulation of tissue to facilitate remodeling process everyday for a more rapid and robust healing response. **sam®** has the proven ability to increase local circulation, improve nutrient transfer and activate cellular signaling pathways to help your body heal faster and stronger after an injury.

Dosing for **sam®** treatment is typically applied daily (1-4 hrs.) and may be prescribed for 6-8 weeks, depending on the injury.



Recovery made easy with scientific innovation



Promotes Native Tissue Regeneration



Up-Regulation of TGF-β



Enhancing Cellular Proliferation



Type I and Type III Collagen Deposition

Does insurance cover sam®?

The **sam® x1** medical device was recently cleared for safety and effectiveness by the FDA in 2021. While treatment is currently covered by most insurance carriers including Medicare for in-office use (once per week), it is not typically covered for the patient to own the device for daily home-use and self-application (7 days per week). Daily use of the regenerative medicine treatment is recommended to work with your body's natural healing process and achieve the desired healing response. Payment options may be available through your healthcare provider or health savings account.



The Treatment



sam® is used daily immediately following your procedure (surgical, regenerative medicine)



sam® is applied daily for 1 to 2 hours on either side of the injury site



Increase fluid and supplement use during **sam®** treatment to provide remodeling building blocks for healing



No corticosteroids for two to three weeks prior to treatment



Discontinue the use of NSAIDS one week prior to treatment



No anticoagulants

Who uses sam®?

sam® is used by over 75% of injured professional athletes in the USA. Pre-Approved by insurance for all professional US athletes and most college athletes, daily long duration ultrasound treatment can accelerate return to play.

Backed by two decades of science and new large clinical evidence

- 372 Patient review on **sam®** for musculoskeletal injuries
- 7360 Research article review on tissue regeneration
- Elite sport health care providers have "87% satisfaction and increased confidence in the ability of **sam®** to accelerate the healing process."



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High Impact science supporting this breakthrough.

sam[®] is backed by over 50 scientific research studies. Recent high impact science demonstrates **sam**[®] as an effective treatment for musculoskeletal injuries, improving tissue connective strength after rupture and repair, and augmenting cellular-based regenerative therapies to accelerate heal time and efficacy profile.

“A significant reduction in musculoskeletal pain and improvement in joint function”

Sustained acoustic medicine is a non-invasive treatment that utilizes continuous ultrasound pulses to stimulate cells to repair larger injured tissues for full back functional and pain-free status. The treatment delivers a high concentrated dose of ultrasound to the injury site daily to achieve amplified healing.

One hour of **sam**[®] treatment provides 4,680 joules of therapy penetrating tissues deeper than 5cm, activating circulation and cell-signaling. This treatment is the only home-use prescription therapeutic available of its kind to elevate your healing potential.

The medical technology that allows for wearable **sam**[®] therapy is innovative itself. The delivery system is the first wireless, autonomous, long-duration ultrasound treatment; protected by numerous USA and International patents and manufactured in the United States under strict controls.

Feel Good Again. Welcome to the **sam**[®] family of medical innovation.



FDA
CLEARED


MADE IN USA

+500k
TREATMENTS

Big Impact References:

Liu DD, Ullah M, Concepcion W, Dahl JJ, Thakor AS. **The role of ultrasound in enhancing mesenchymal stromal cell-based therapies.** Stem Cells Transl Med. 2020 Aug;9(8):850-866. doi: 10.1002/sctm.19-0391. Epub 2020 Mar 10. PMID: 32157802; PMCID: PMC7381806.

Winkler SL, Urbisci AE, Best TM. **Sustained acoustic medicine for the treatment of musculoskeletal injuries: a systematic review and meta-analysis.** BMC Sports Sci Med Rehabil. 2021 Dec 18;13(1):159. doi: 10.1186/s13102-021-00383-0. PMID: 34922606; PMCID: PMC8684070.

Draper DO, Best T. **Critical survey and panel review of sustained acoustic medicine in the treatment of sports-related musculoskeletal injuries by professional sports athletic trainers.** Current Orthopaedic Practice. 2021 Mar 1;32(2):139-45.

Draper DO, Wells A, Wilk K. **Efficacy of sustained acoustic medicine as an add-on to traditional therapy in treating sport-related injuries: Case reports.** Glob J Orthop Res. 2020;2(4):545. Epub 2020 Sep 21. PMID: 33043316; PMCID: PMC7544191.

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