



Treatment—Minimize harm to patients

Seapoconch

CHONGQING HAIFU MEDICAL TECHNOLOGY CO., LTD

Tel: +86-23-6788 6799/6788 6195/6788 6199 Fax: +86-23-6788 6168
Email: sales@hifu.cn Website: www.haifumedical.com
Address: NO.1 Qingsong Road , Renhe, Yuebei District, Chongqing 401121, P.R.China
Jan. 2015

Model **CZG300** Ultrasound Therapeutic Device for Arthritis

Keep Walking, Stay Young!

Seapoconch

CZG 300, extends the "youth" of your joints for over ten years

- Improve the nutrition of cartilage
- Enhance the rehabilitation of cartilage
- Postpone the degeneration of joints
- Restrain the inflammation of the arthritis and alleviate pain

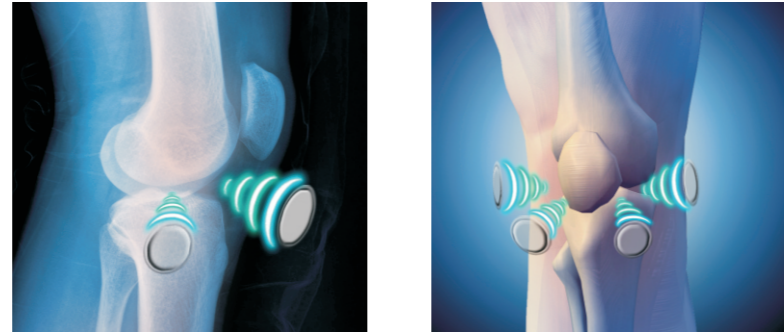
*Zhou Kun, Zhou Wei. Effect of ultrasound on early experimental osteoarthritis of rabbit knees.
Journal of Chongqing Medical University 2008. Vol.33 No.1*





Principle of Focused Ultrasound Therapy

Low intensity pulsed ultrasound is a form of mechanical energy that can be transmitted into living tissue safely as high frequency acoustical pressure waves and can be focused at targeted lesions. The micromechanical strains produced by these pressure waves can result in biochemical events at cellular level including promotion of endogenous analgesic substance release, enhancement of nutrition exchange between joint fluid and cartilage cells, which restrain inflammation, repair cartilage and alleviate pain.



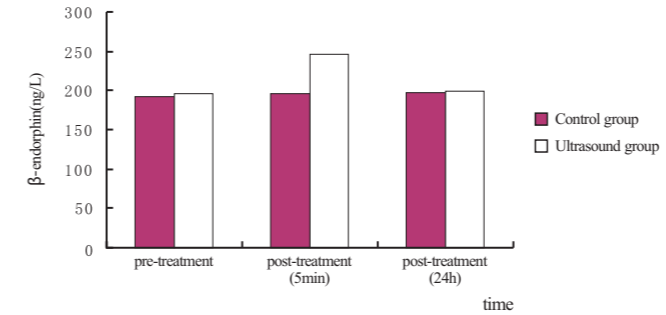
Ultrasound wave focused in articular cavity

Indication

Arthritis

Treatment rationale

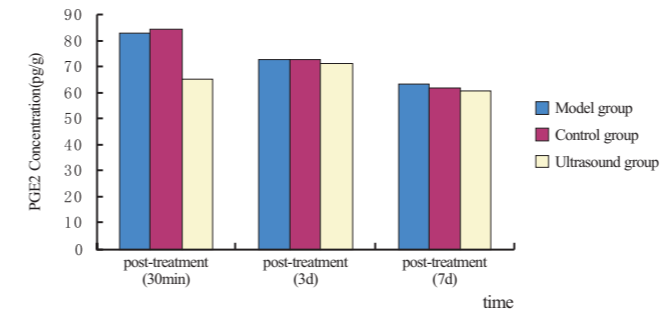
1、 Enhance the release of endogenous Analgesic substance



Comparison of β -endorphin in plasma between control group and ultrasound group pre-treatment and post-treatment.

Wang Tao, Su Jing, Changes in prostaglandin E2 and pH value in injured muscle tissue and beta-endorphin in plasma after a single treatment of focused ultrasound in rabbits with chronic soft tissue injury. *Journal of Clinical Rehabilitative Tissue Engineering Research*, March 25th, 2008 VOL.12, No.13

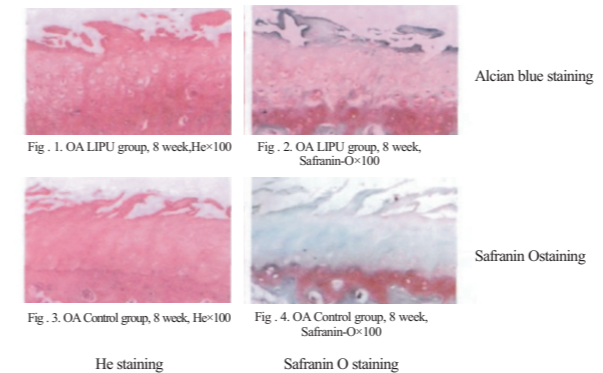
2、 Control inflammatory reaction



Comparison of PGE2 Concentration in local muscle tissue among three groups after treatment

Wang Tao, Su Jing, Changes in prostaglandin E2 and pH value in injured muscle tissue and beta-endorphin in plasma after a single treatment of focused ultrasound in rabbits with chronic soft tissue injury. *Journal of Clinical Rehabilitative Tissue Engineering Research*, March 25th, 2008 VOL.12, No.13

3、 Improve nutrition and repair of cartilage

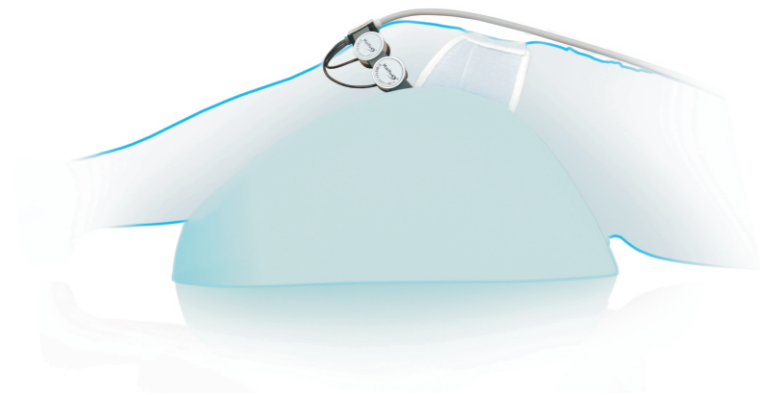


The animal experiment results indicated that the Low Intensity pulsed ultrasound can slow down the disease progress of experimental osteoarthritis of knee.

Zhou Kun, Zhou Wei, Effect of ultrasound on early experimental osteoarthritis of rabbit knees. *Journal of Chongqing Medical University* 2008. Vol.33 No.1

Clinical and Technical Advantages

1. Immediate alleviation of symptom right after treatment
2. Easy operation for users
3. Precise targeting based on four independent adjustable transducers
4. Ergonomic design
5. Adjustable energy output from level 1 to 8
6. Patient friendly treatment



Comprehensive solutions



Professional Focused Ultrasound Device

CFDA approved, with completely independent intellectual property



Experienced Specialists

Professional clinical and engineering support and training



Customized solutions

Clinical solution, business solution, marketing solution and service solution