



**Treatment—Minimize harm to patients**

*Seapocare*

**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  
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Model **CKC100** Ultrasound Therapeutic Device for Involution of Uterus

## Ultrasonic massage optimizes uterine involution after delivery

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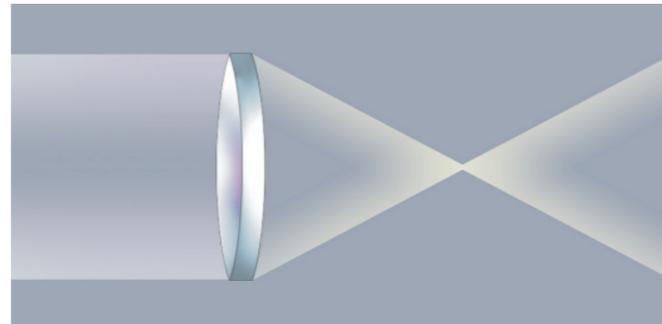
This is a brand new solution for the involution of uterus after delivery. Low-intensity pulsed ultrasound induced rhythmic contraction of uterine smooth muscle can optimize and promote the involution of uterus after delivery.



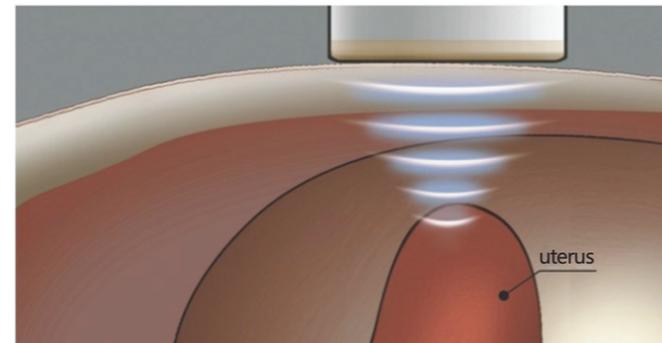


## Principle of Focused Ultrasound Therapy

Low-intensity pulsed ultrasound is a form of mechanical energy that can be safely transmitted into living tissue as high frequency acoustical pressure waves and can be focused at targeted tissues such as uterus. The micromechanical strains produced by pressure waves will result in rhythmic contraction of uterine smooth muscle, accelerating postpartum uterine involution, including promotion of fundus decline, lochia discharge and pain alleviation.



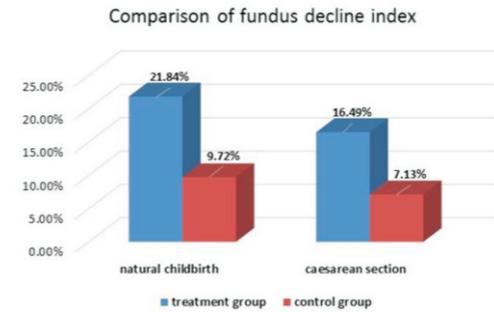
As sunbeams can be focused by convex lens, ultrasound can be focused by a transducer



Low-intensity focused ultrasound was applied on uterus

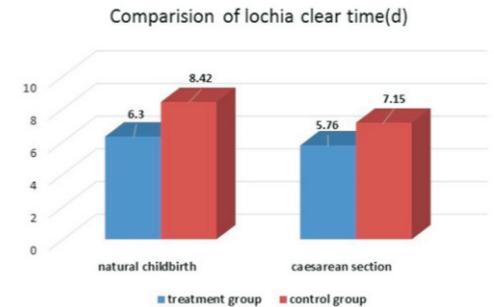
## Treatment rationale

### 1. Promote the fundus decline



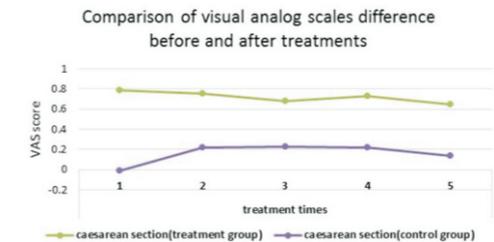
The fundus decline index of the treatment group was obviously better than that of the control group in the natural childbirth group as well as the caesarean section group

### 2. Shorten the lochia clear time



The lochia clear time of treatment group was significantly shorter than that of the control group in the natural childbirth group as well as the caesarean section group

### 3. Alleviate postpartum pain



The visual analog scale (Vas) score of caesarean section treatment group had significant difference compared with the control group before and after treatment.

Wang Longqiong, Qi Hongbo, Luo Xin, LiChengzhi. Clinical investigation of the effects of low-intensity ultrasound irradiation on involution of uterus after delivery. China J Obstet Gynecol Pediatr(Electron Ed), February 2014, Vol.10, No.1

## Clinical and Technical Advantages



1. Direct stimulation of uterine smooth muscle causing rhythmic contraction
2. Non-drug treatment, no side effect on lactation
3. Significant alleviation of postpartum pain
4. Ergonomic design
5. Patient friendly treatment

## Comprehensive solutions



**Professional Focused Ultrasound Device**  
Completely independent intellectual property



### Experienced Specialists

Providing professional clinical and engineering support and training



### Customized solutions

Clinical solution, business solution, marketing solution and service solution