## **Features**

- Achieve quick wound debridement
- Reduce bacterial contamination degree
- Suppress microbial cells' multiply ability
- Ensure penetration of medicinal substances into tissue
- Minimum Improve microcirculation
- Reduce tissue swelling and infiltration
- Accelerate tissue healing and regeneration
- Significantly reduce inflamed tissues' cleaning and recovery time, intensively disinfect wound surface
- Increase treatment effectiveness and reduce drug load on patient



## ULTRASONIC CAVITATION SYSTEM

for wound debridement, surgical and conservative treatment





New prospects for local tissue repair under antibiotic resistance conditions in:

**PURULENT SURGERY** 

**OBSTETRICS AND GYNECOLOGY** 

TRAUMATOLOGY

THORACAL AND ABDOMINAL SURGERY

ENT

COMBUSTIOLOGY

MILITARY SURGERY





The units' manufacturing is certified according to ISO 9001 and ISO 13485

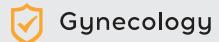
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Treatment and prevention of purulent and inflammatory diseases in gynecology and obstetrics

- Colpitis
- Vulvovaginitis
- Cervicitis
- Acute and chronic endometritis
- Purulent wounds



Uterine cavity sanitation



Ultrasonic treatment of anterior abdominal wall purulent wound





Treatment of infectious and inflammatory diseases of the upper respiratory tract

- Rhinitis
- Pharyngitis
- Laryngitis
- **Tonsillitis**
- Sinusitis
- Sinusitis maxillaris
- Adenoiditis
- Hypertrophic rhinitis
- Ozaena



Nasal cavity ultrasonic irrigation by drug solutions



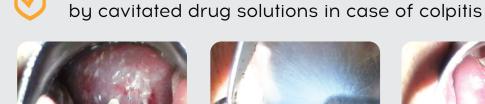
Palatines ultrasonic irrigation by drug solutions



Tonsils ultrasonic lavage by drug solutions



Maxillary sinuses lavage by ultrasonic cavitated solutions



Cervix before treatment



Treatment by cavitated stream

Vaginal and cervical debridement



Cervix 24 hours after treatment

## Wound debridement

- Phlegmons
- Bedsores
- Long-lasting wounds
- Diabetic foot ulcers
- Trophic ulcers
- Osteomyelitis
- Burns and frostbites



Ultrasonic wound debridement in case of fracture



Bandage removal from burn wound



Ultrasonic treatment of opened osteomyelities



Ultrasonic wound debridement of decubitus ulcers

