

## Features

- ✓ Achieve quick wound debridement
- ✓ Reduce bacterial contamination degree
- ✓ Suppress ability of microbial cells to multiply
- ✓ Ensure penetration of medicinal substances into tissue
- ✓ Improve microcirculation
- ✓ Reduce swelling, tissue infiltration
- ✓ Accelerate healing and tissue regeneration
- ✓ Significantly reduce time of cleansing and repairing of inflammatory tissues, disinfect wound surface intensely
- ✓ Increase treatment effectiveness and reduce drug burden on patient

## «ACTITON»

### 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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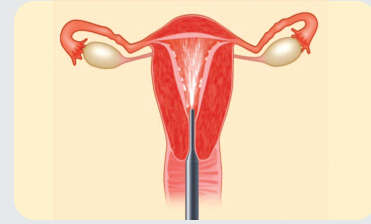
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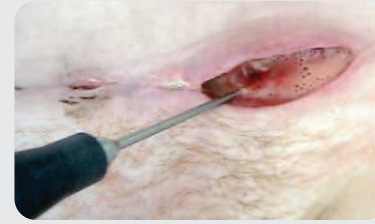
## Gynecology

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

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

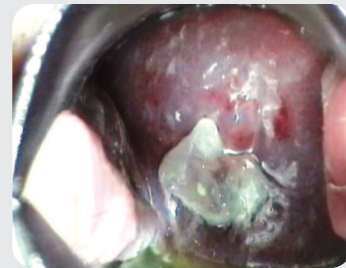


Uterine cavity sanitation

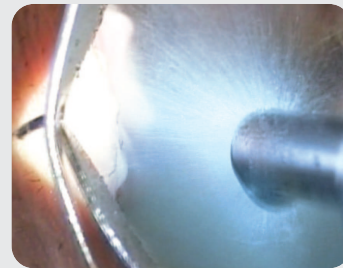


Ultrasonic treatment of anterior abdominal wall purulent wound

Vaginal and cervical debridement by cavitated drug solutions in case of colpitis



Cervix before treatment



Treatment by cavitated stream

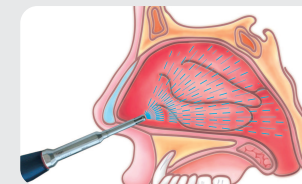


Cervix 24 hours after treatment

## ENT

Treatment of infectious and inflammatory diseases of the upper respiratory tract

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



Nasal cavity ultrasonic irrigation by drug solutions



Palatines ultrasonic irrigation by drug solutions



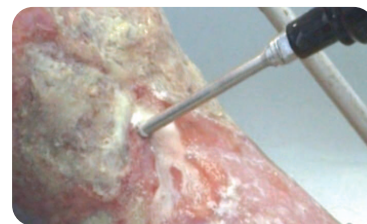
Tonsils ultrasonic lavage by drug solutions



Maxillary sinuses lavage by ultrasonic cavitated solutions

## Wound debridement

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



Ultrasonic wound debridement in case of fracture



Ultrasonic treatment of opened osteomyelitis cavity



Bandage removal from burn wound



Ultrasonic wound debridement of decubitus ulcers

