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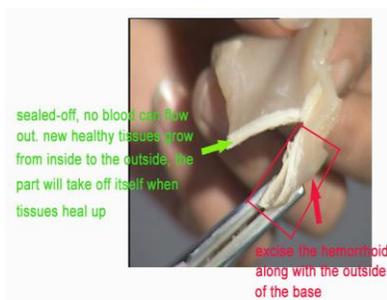
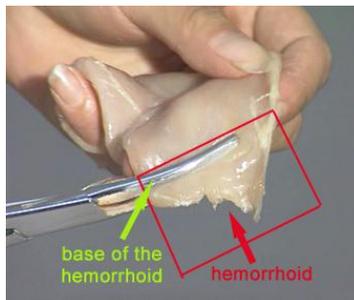
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LG2000 Anorectal Treating Devices Series

LG2000 Anorectal Treating Device Series belong to a new generation's therapeutic device for proctologic diseases. Its advantages are: with multiple functions; of high technology; Applied in a wide range; of reliable security with little suffering and having fine treatment effect. The particular patent technology of biological electrical impedance auto-measurement (BEIM) successfully settles medical difficulty of haemorrhage after operation by other treatment methods.

Main technical innovations

Patent technology of biological electrical impedance auto-measurement (BEIM) makes tissues dry and hard without carbonization. While curing hemorrhoid, BEIM pincers generates heat rapidly to vaporize water of hemorrhoid tissues instantly. The electrical impedance of hemorrhoid tissues becomes larger and larger. While electrical impedance of hemorrhoid tissues matches with output impedance of the device, the tissues become dry and hard without carbonization, and at the same time the device sounds the alarm automatically. It settles the technological difficulty of time setting by person presently and medical difficulty of massive haemorrhage after operation by other treatment methods.



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Contrast before and after Treatment

Before treatment

After treatment



External hemorrhoid



Polypus

Contrast of BEIM and other method

Form 1 : Contrast of BEIM Method and Traditional Surgery

Traditional Surgery	BEIM Method
Surgery takes longer time. The wound has to be stitched up. The patients suffer massive heamorrhage and serious pain when defecating.	The method takes shorter time. The tissues is dry and hare without carbonization to form into close wound. No heamorrhage after treatment.
Have to stay in hospital& change dressing. The patient takes longer time to recover, suffer great pain.	No hospital stay, no infection, the patient can return home soon after treatment.
several separate operations is needed for big ring hemorrhoid. Anal stenosis easily happens when operation is not perfect.	BEIM method can cure big ring mixed hemorrhoids one time. No anal stenosis after treatment.

Note: Heamorrhage and anal stenosis after operation is two headaches for all surgeons in coloproctology department.

Form 2: Contrast of Performance characteristics

Ligation, Banding	Laser	BEIM
1. The hemorrhoid is sealed by thread/ rubber band to stop the blood flow to the hemorrhoid. The tissue dies off and eliminated during a bowel movement. Thus an open wound forms.	1. The hemorrhoid is vaporized or excised. The laser light seals off nerves and blood vessels. But the would is also open.	1. BEIM ensure the tissues become dry and hard without carbonization so as to form a close would.
2. Several separate treatments are needed for multiple& big ring mixed hemorrhoid. Too many times of ligations/banding can easily result to anal stenosis.	2. It can cure multiple & ring mixed hemorrhoids one time.	2. It can cure multiple & ring mixed hemorrhoids one time. No anal stenosis after treatment.
3. It block the circulation of the blood. The patient suffers a lot when straining to move the bowels.	3. The tissues on the surface dies off when vaporizing or excised the hemorrhoid. So the wound is severely pain and not easy to heal up.	3. The verge of the close wound is clear. Less pain, and easy to heal up.
4. Longer time; lots of pain; can not applied to external & mixed hemorrhoids.	4. Long time; lots of pain	4. Short time; less pain; can applied to any kinds of hemorrhoids.
5. It tends to arouse haemorrhage if the banding is not tight enough or when the unwanted hemorrhoid is eliminated during a bowel movement.	5. The open wound, which forms when the eschar peel off, is tending to result in haemorrhage.	5. The wound is a close one after the hemorrhoid peels off. Haemorrhage does not happen under this condition.

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Scope of application

Department of coloproctology:

Internal, external and mixed hemorrhoids, anal fissure, anal fistula, proctopolypus, anal abscess, hypertrophy of anal papilla, condyloma acuminatum, etc.

Main clinical characteristics

- ◆ Rapid curative treatment, each hemorrhoid only needs 3-5 seconds;
- ◆ No haemorrhage after surgery with little suffering and fine curative effect;
- ◆ Make tissues dry and hard without carbonization. Bound of dry and hard part is clear with high security;
- ◆ No need to change dressing, no hospitalization, no infection, no sequela and complicating disease;

LG2000 series main export Models:

1. LG2000 Anorectal Treating Device
2. LG2000C(Popularity) Anorectal Treating Device
3. LG2000C+ Standard (A) Anorectal Treating Device

LG2000 Anorectal Treating Device



Functions:

1. BEIM Pincers

BEIM Pincers intelligently measures hemorrhoids, and then make the base of the hemorrhoid dry and hard without carbonization. It acts as sealing machines to seal off the base, no blood can flow out.

2. BEIM Pencil

Used for excising the uncalled-for hemorrhoid tissues, assisting the electronic pincers to finish the hemorrhoid treatment. It has 3 different tips (blade, needle, ball) and 9 adjustable positions for output power to meet different demands.

Display pencil working power in 0, 5, 15, 20, 25, 30, 35, 40W, total 9 grades.

3. BEIM Forceps

Arresting bleeding instantly for larger blood vessels, making patients timely free from trouble after treatment.

LG2000C (Popularity) Anorectal Treating Device



Characteristics:

- ◆ **Photograph system:** Morbid parts can be displayed on computer screen, the pictures can be frozen, stored, played back, and make contrasts before and after treatment.
- ◆ **Diagnosis system:** The professional software can analyze, measure, calculate and accurately diagnosis the morbid parts. Professional color graphic medical case can be made and printed on paper immediately.
- ◆ **Management system:** Professional case management system can manage large case data. Case history can be quickly inquired. It brings great convenience for patient & doctor.
- ◆ **Treatment system:** BEIM Pincers, pencil, forceps .
 1. BEIM Pincers
 2. BEIM Pencil
 3. BEIM Forceps

LG2000C+ standard (A) Anorectal Treating Device



Characteristics:

◆ **Photograph system:** Morbid parts can be displayed on computer screen, the pictures can be frozen, stored, played back, and make contrasts before and after treatment.

◆ **Diagnosis system:** The professional software can analyze, measure, calculate and accurately diagnosis the morbid parts. Professional color graphic medical case can be made and printed on paper immediately.

◆ **Management system:** Professional case management system can manage large case data. Case history can be quickly inquired. It brings great convenience for patient & doctor.

◆ **Diagnosis Instruments: Fibre-optic Sigmoidoscope**

Examine morbid parts, perform examination with biopsy forceps when inserted into anus, rectum and sigmoid. It can take photos, amplify target, and detect minor symptom at its early stage. The picture can be displayed on computer screen; pictures can be frozen, stored, played back, and made contrasts as well.

◆ **Treatment Instruments:** BEIM Pincers, pencils, forceps .

1. BEIM Pincers
2. BEIM Pencil
3. BEIM Forceps

LG2000 Anorectal Physical Therapy Device

LG2000 Anorectal Physical Therapy Device is a new anorectal device designed for elders, women, children, patients suffering from hypertension and cardiac disease and those unable or unwilling to receive surgery, and it can accelerate postoperative recovery as well.

Scope of Application:

Internal, mixed hemorrhoid, anal fissure, proctopolypus, hypertrophy of anal papilla, proctitis; tenesmus, constipation, difficult defecation and ache caused by anal sinusitis.; anal stenosis, anal abscess, anal edema, anal pruritus, perianal eczema; postoperative recovery; intestinal atony syndrome, irritable bowel syndrome; prostatitis, benign prostatic hypertrophy, prostatic hyperplasia, sexual dysfunction; gynecological inflammation, etc

Advantages:

- ★ Wide applicable scope
- ★ No pain
- ★ No wound
- ★ Fine curative effect
- ★ Easy to operate
- ★ Secure and reliable



Functions:

1. Gyromagnetic Infrared Probe



Integrated with anal dilatation, thermotherapy, magnetotherapy, massotherapy, it can adjust autonomic nerve securely and reliably, has no trauma or pain, and can be used to dilate anus, arrest bleeding, diminish inflammation, lessen swelling, and ease pain, etc. It is applicable to internal, external and mixed hemorrhoids, rectitis; prolapsus, constipation, difficult defecation and ache caused by anal sinusitis.

2. Iontophoresis



The medicament is delivered to focus directly so as to enhance its utilization and effectiveness, and enlarge the applicable scope. Pain in low back and legs can be treated as well.

3. YDB



It can promote local blood circulation, activate blood, dissolve stasis, improve wound healing speed, intenerate scab and lessen pain, due to thermotherapy of far infrared electromagnetic wave and influence of electromagnetic force. It is applicable to anal pruritus, anal edema, perianal eczema, and postoperative recovery, etc.

4. Abdominal binder



Composed of high quality viscose cloth, sponge, and thread gluing, the length is adjustable. It's applicable to constrict and fix importion electrode.