

OUT-PATIENT (OFFICE) ANAL
PROBLEMS
AND
THEIR MANAGEMENT

Complaints

Pain (abdominal, anorectal, coccyx)

Bleeding

Weight loss

Anal lump

Anal incontinence

Constipation

Diarrhea

Itching

PRURITUS ANI

PRURITUS ANI

Specific Treatment

- Fungus (Mycostatin; Nizoral, Diflucan)
- Pinworm (Vermox)









PRURITUS ANI

“NON-SPECIFIC” ETIOLOGIES

- Smoking
- Anal Hygiene
- Anal fixation

PRURITUS ANI

Dietary Factors

- Coffee
- Tea
- Colas
- Alcohol
- Smoking
- Tomatoes
- Sharp Cheeses
- Nuts

PRURITUS ANI

Treatment

D/C soap to area

Avoid rubbing with toilet paper

Cleansing lotion (Keri, Balneol)

Dietary measures

Smoking Avoidance

Topical steroid cream

Topical anesthetic ointments

Aveeno colloidal oatmeal baths

PROCTALGIA FUGAX

Migraine headache of the rectum

RUPERT TURNBULL

PROCTALGIA FUGAX TREATMENT

- Perineal strengthening exercises
- Sitz baths
- Analgesics (?)
- Muscle relaxants
- Self-hypnosis
- Electrogalvanic stimulation

INTRACTABLE PROCTALGIA

Consider Psychologic Testing



COCCYGODYNIA

THE GAY BOWEL SYNDROME



ANAL CONDYLOMATA



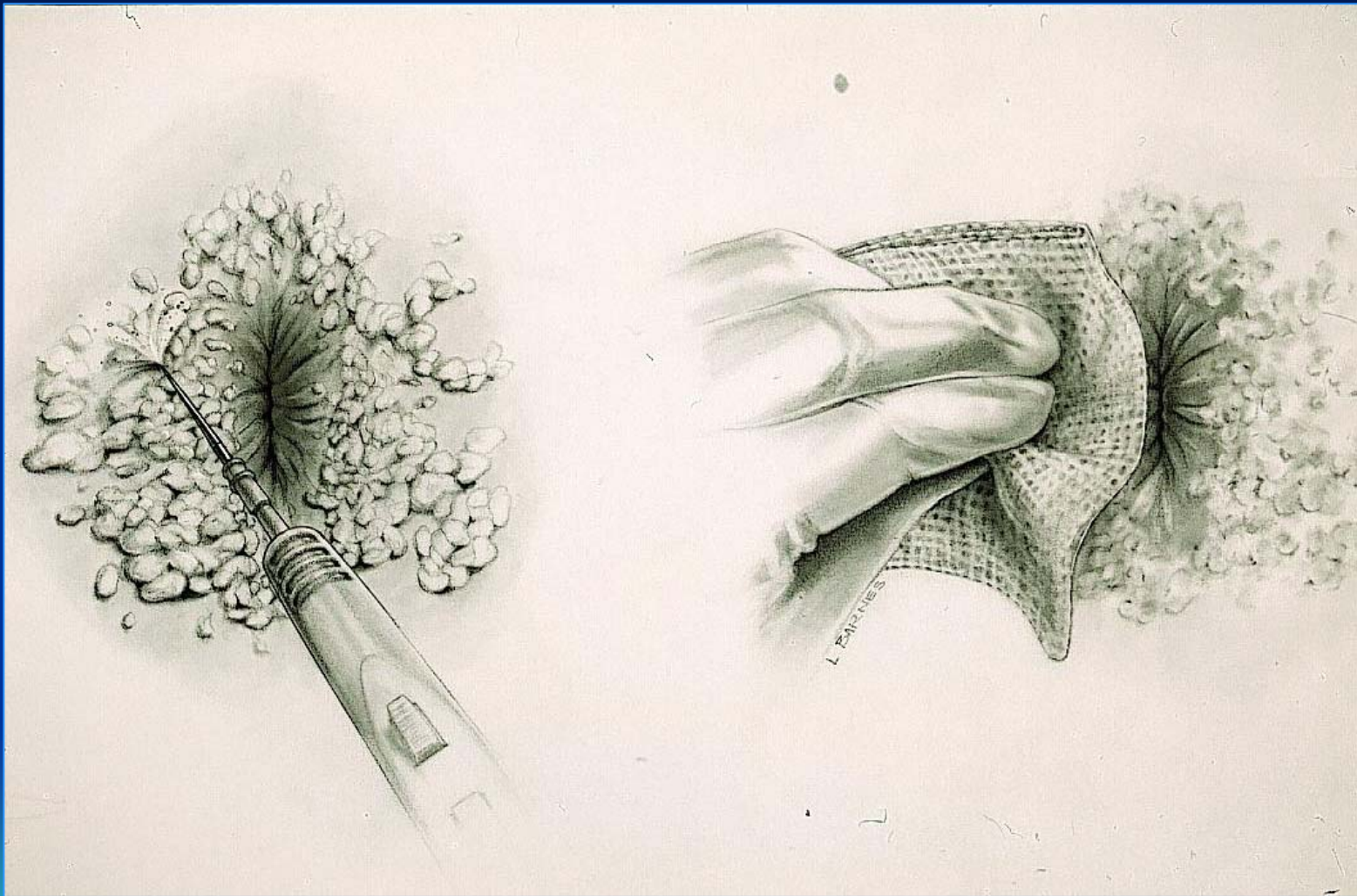




ANAL CONDYLOMATA

Treatment Options

- Immunotherapy
- Chemotherapy
- Sublesional Interferon-alpha Injection
- Cryotherapy
- Electrocoagulation
- Laser Therapy
- Surgical Excision



“CONSTIPATION”

Anismus (obstructed defecation)

ANISMUS

EVALUATION AND DIAGNOSIS

Physiological studies (manometry, defecography, balloon expulsion)

ANISMUS

TREATMENT

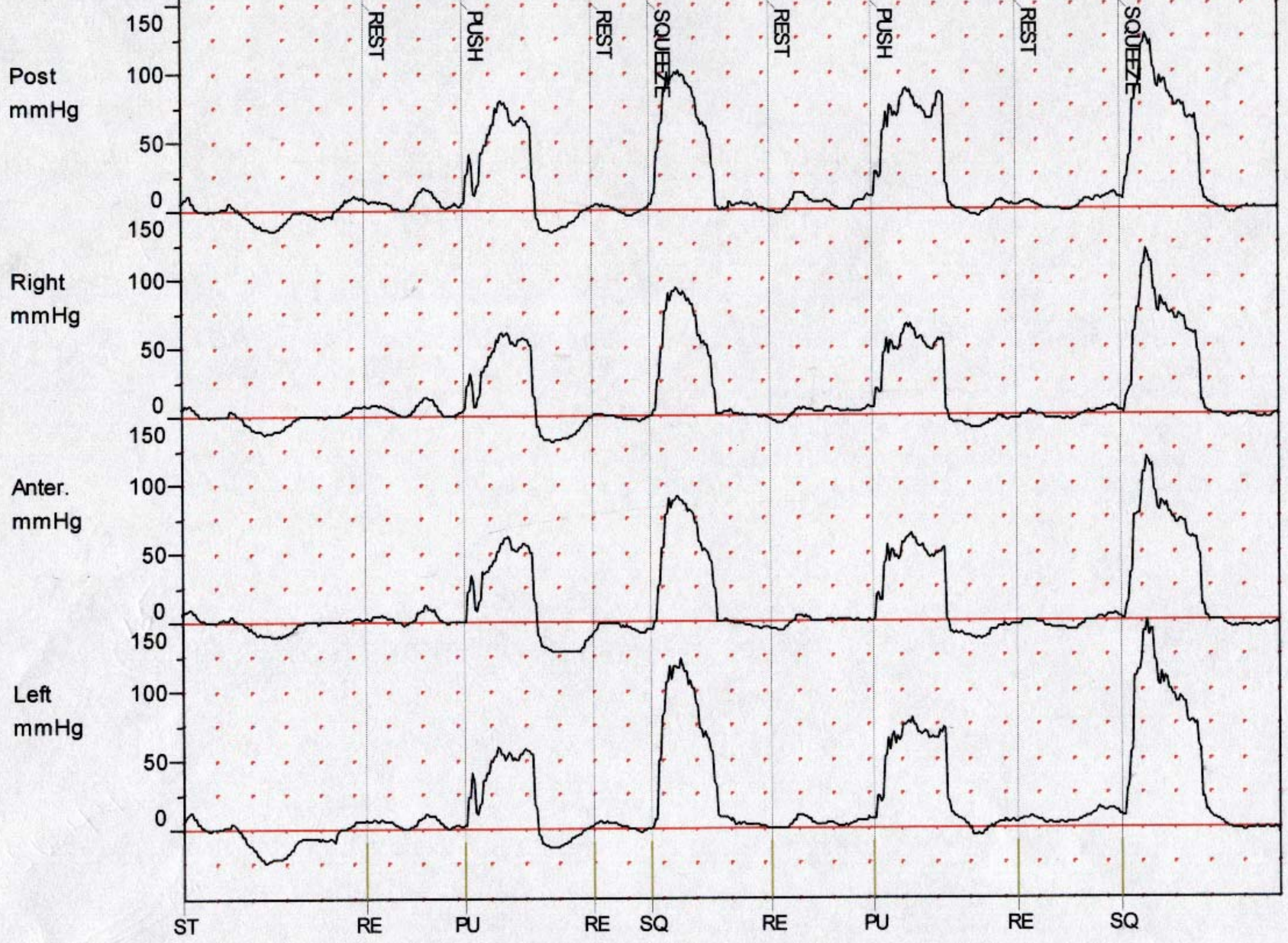
Biofeedback

Biofeedback

Biofeedback

Botulinum toxin (?)

PUSH / SQUEEZE#1



30 mm

HEMORRHOIDS

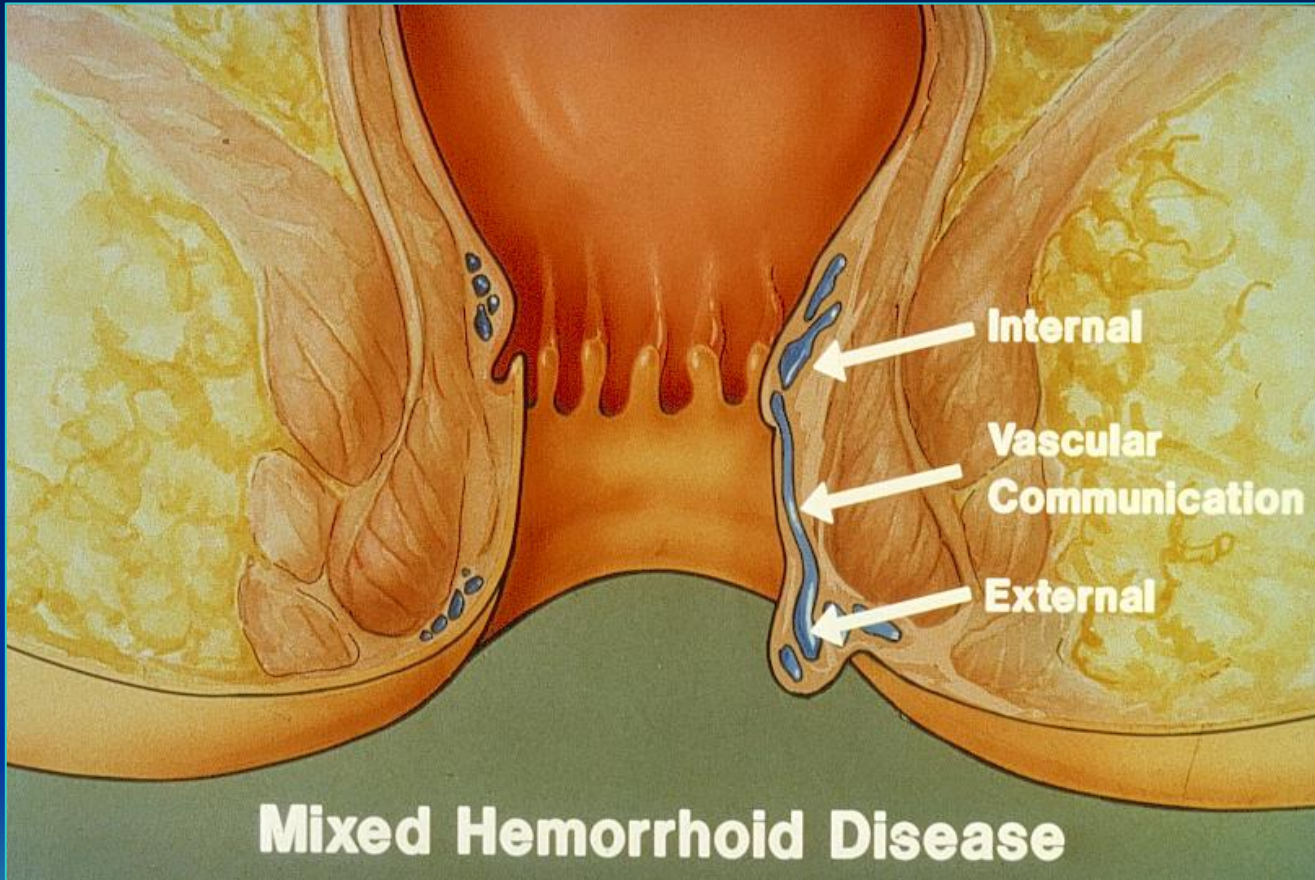
PERSPECTIVES IN OFFICE
MANAGEMENT

TYPES OF HEMORRHOIDS

EXTERNAL

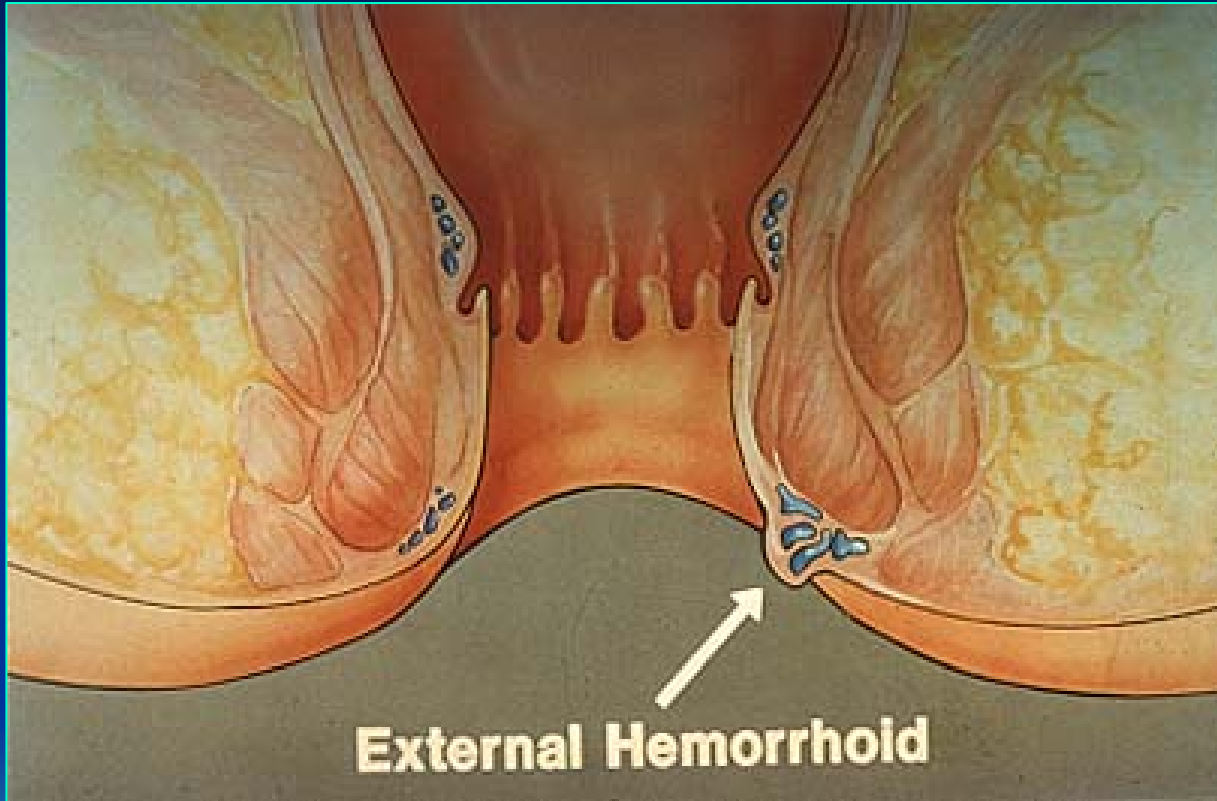
INTERNAL

MIXED



TREATMENT

EXTERNAL HEMORRHOID DISEASE

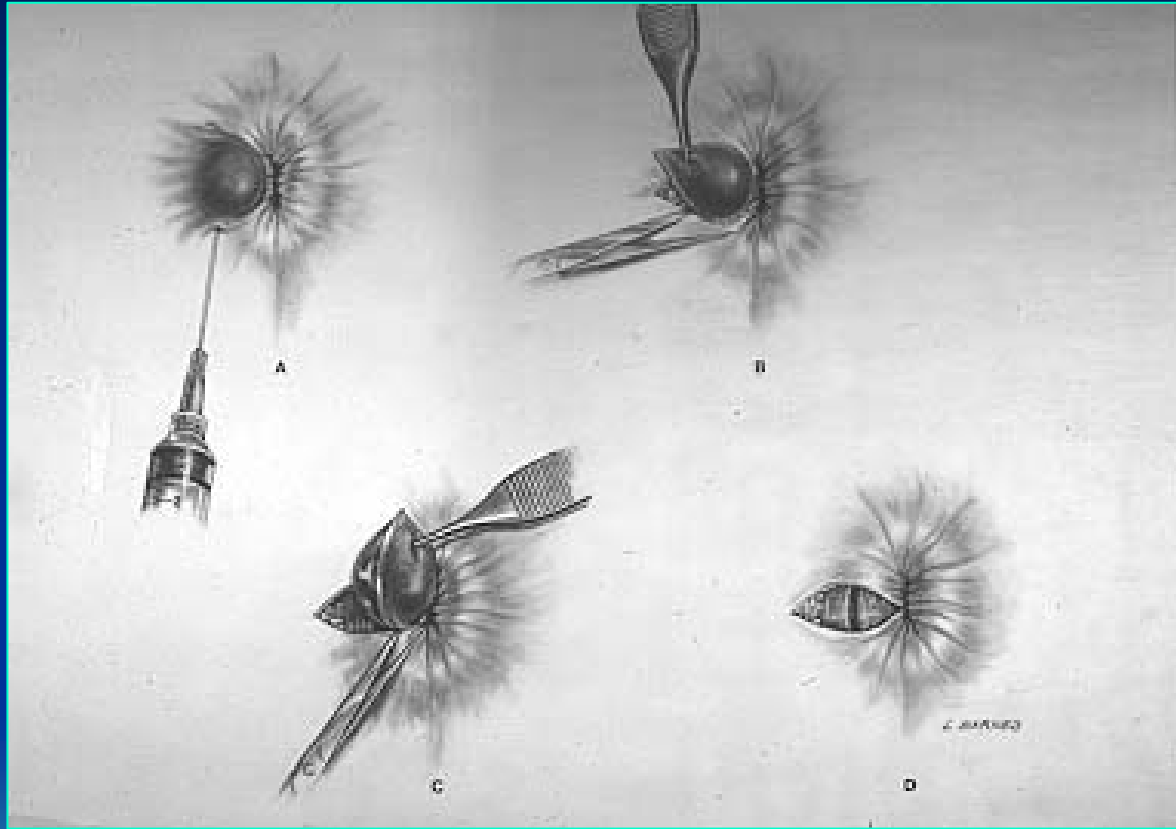


THROMBOSED HEMORRHOIDS



TEMPORARY RELIEF MEASURES

- SITZ BATHS
- ICE PACKS
- LAXATIVES
- ENEMAS
- TOPICAL OINTMENTS





HEMORRHOIDECTOMY

COMPLICATIONS AFTER HEMORRHOIDECTOMY

- PAIN
- HEMORRHAGE
- FISSURE
- UNHEALED WOUND
- ANAL ULCER
- SPHINCTER INJURY
- URINARY RETENTION
- URINARY TRACT INFECTION
- ABSCESS

COMPLICATIONS AFTER HEMORRHOIDECTOMY (CONT'D)

- SKIN TAGS
- ANAL STENOSIS
- MUCOSAL PROLAPSE
- FECAL SOILAGE
- INCONTINENCE
- PRURITUS ANI
- FISTULA
- FECAL IMPACTION
- RECURRENT HEMORRHOIDS



HEMORRHOIDS TREATMENT

- RUBBER RING LIGATION
- INJECTION WITH SCLEROSING AGENTS
- CRYOSURGERY
- INFRARED COAGULATION
- DIRECT CURRENT ELECTROTHERAPY
(ULTROID)
- LASER HEMORRHOIDECTOMY
- LOCAL ANESTHETIC EXCISION

ALL OFFICE HEMORRHOID
PROCEDURES ARE DESIGNED TO
CREATE SUBMUCOSAL FIBROSIS
AND TISSUE FIXATION

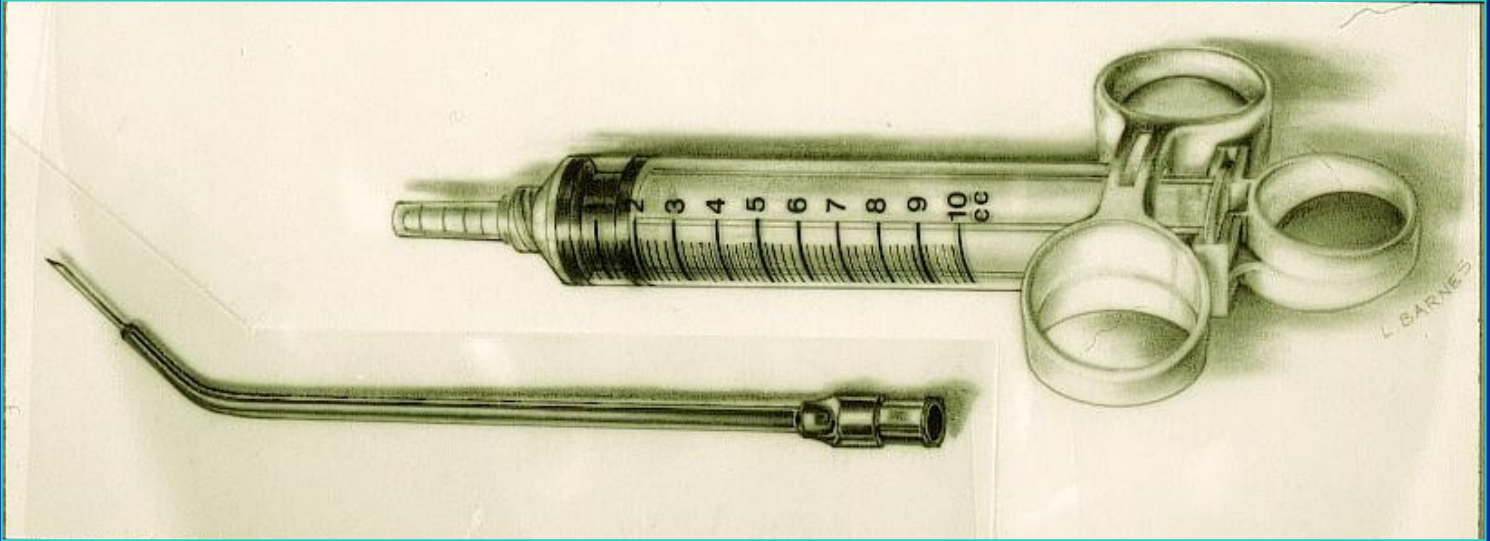
CLASSIFICATION OF HEMORRHOIDS

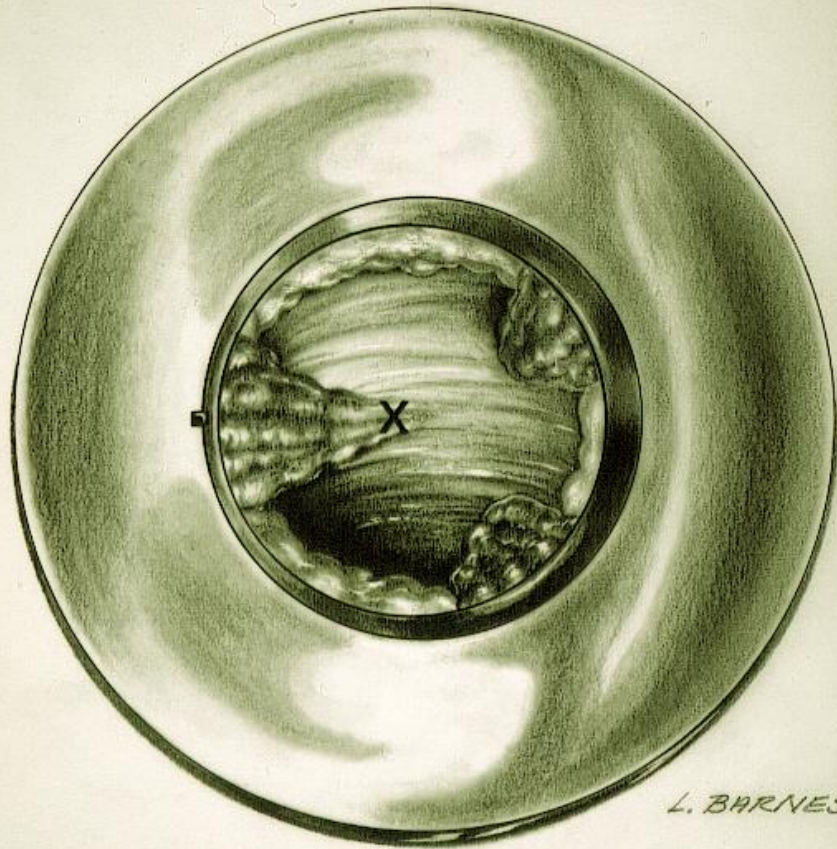
- GRADE 1: Bulging on straining but no descent
- GRADE 2: Prolapse on defecation or straining but with spontaneous return
- GRADE 3: Prolapse requiring manual replacement
- GRADE 4: Irreducible

INJECTION WITH SCLEROSING AGENTS

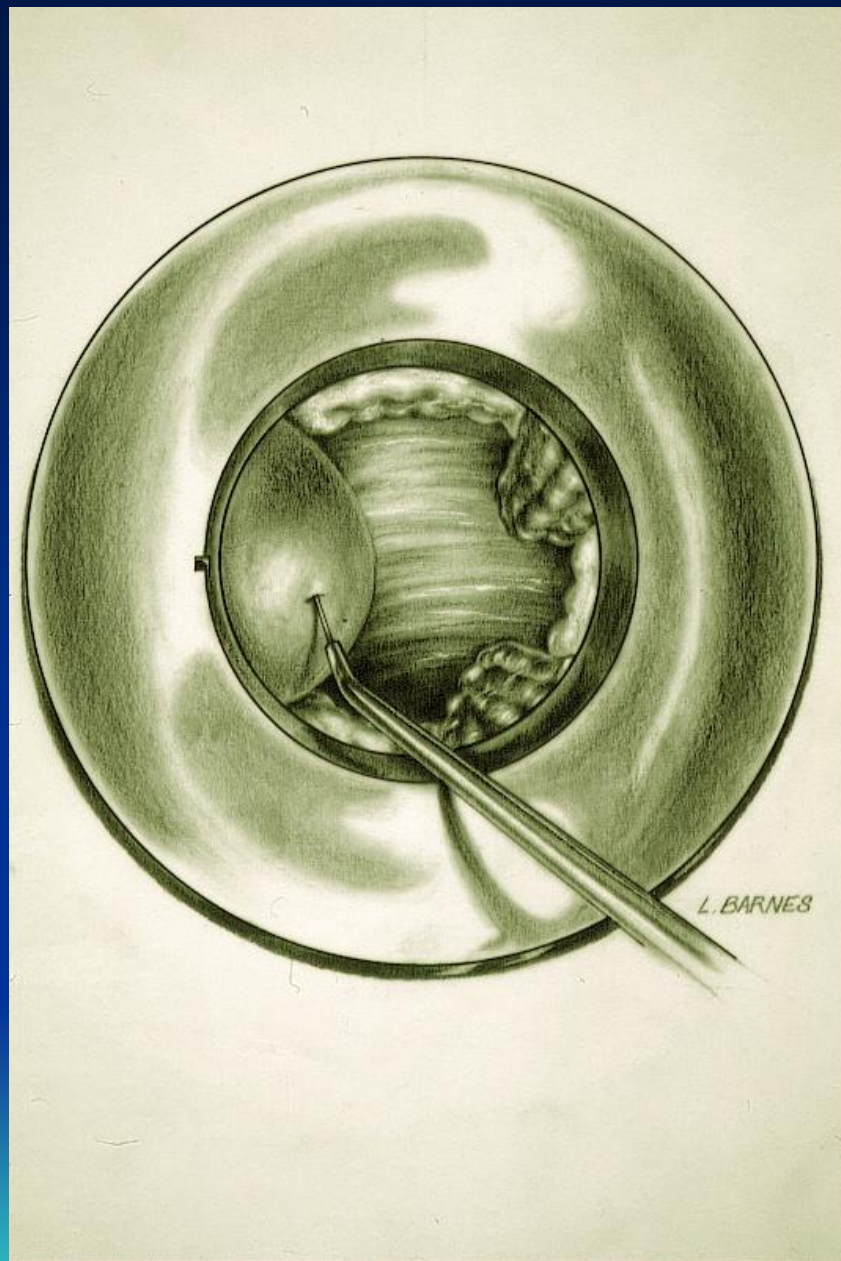
Specimen label only
NDC 0443-2014-04 Each contains 1 ml
SOTRADECOL® 1%
Brand of SODIUM TETRADECYL SULFATE
FOR ANESTHESIA USE ONLY
Do not use for any other purpose. Contains 100 mg of sodium tetradecyl sulfate in 10 ml of 1% solution.
Warning: Do not use if contents leak.
Caution: Contains 100 mg of sodium tetradecyl sulfate.
To see other drugs or products containing sodium tetradecyl sulfate, consult the package insert.
Product code: 0443-04
ELMINO-SUNO, INC.
Stamford, N.Y. 10442 U.S.A.







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SCLEROTHERAPY

Applicable grades 1,2

Advantages Small hemorrhoids

Disadvantages Applicability limited Burning

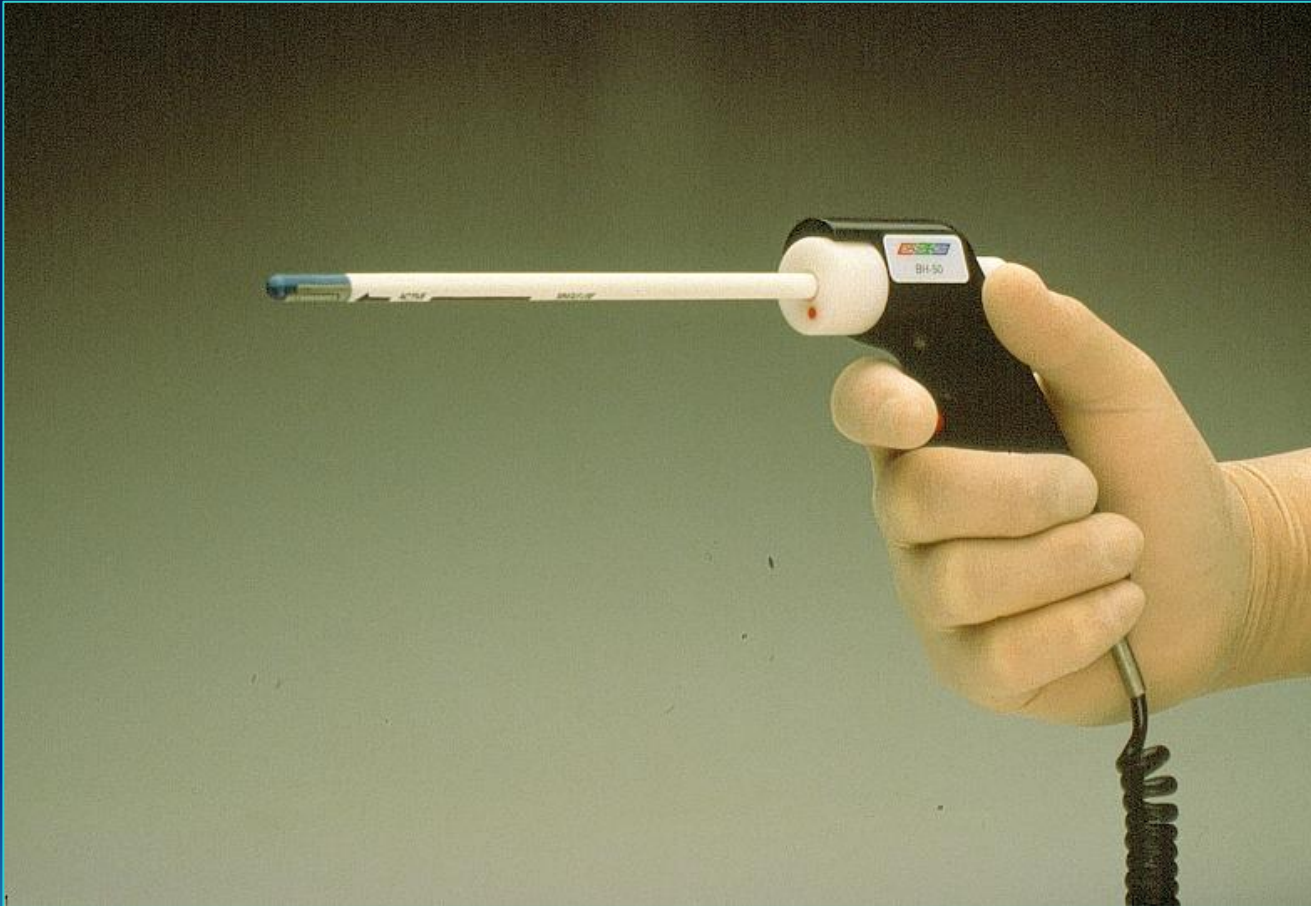
INFRARED COAGULATION



INFRARED COAGULATION

- Applicable grades 1,2
- Advantages Small hemorrhoids
- Disadvantages Limited applicability
Discomfort
Moderately expensive

BICAP HEMORRHOID PROBE





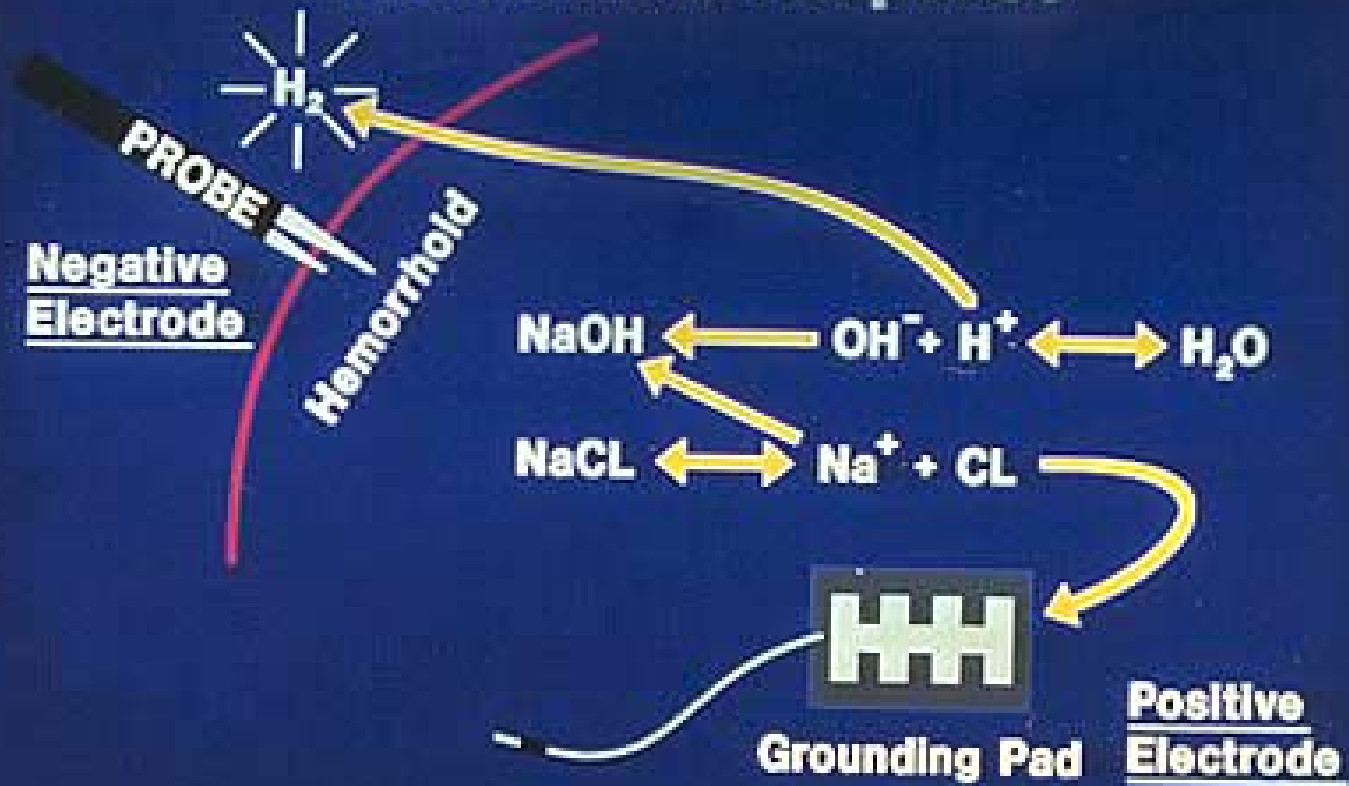
BICAP

- Applicable grades 1, 2
- Advantages Simple
Quick
- Disadvantages Expensive
Discomfort

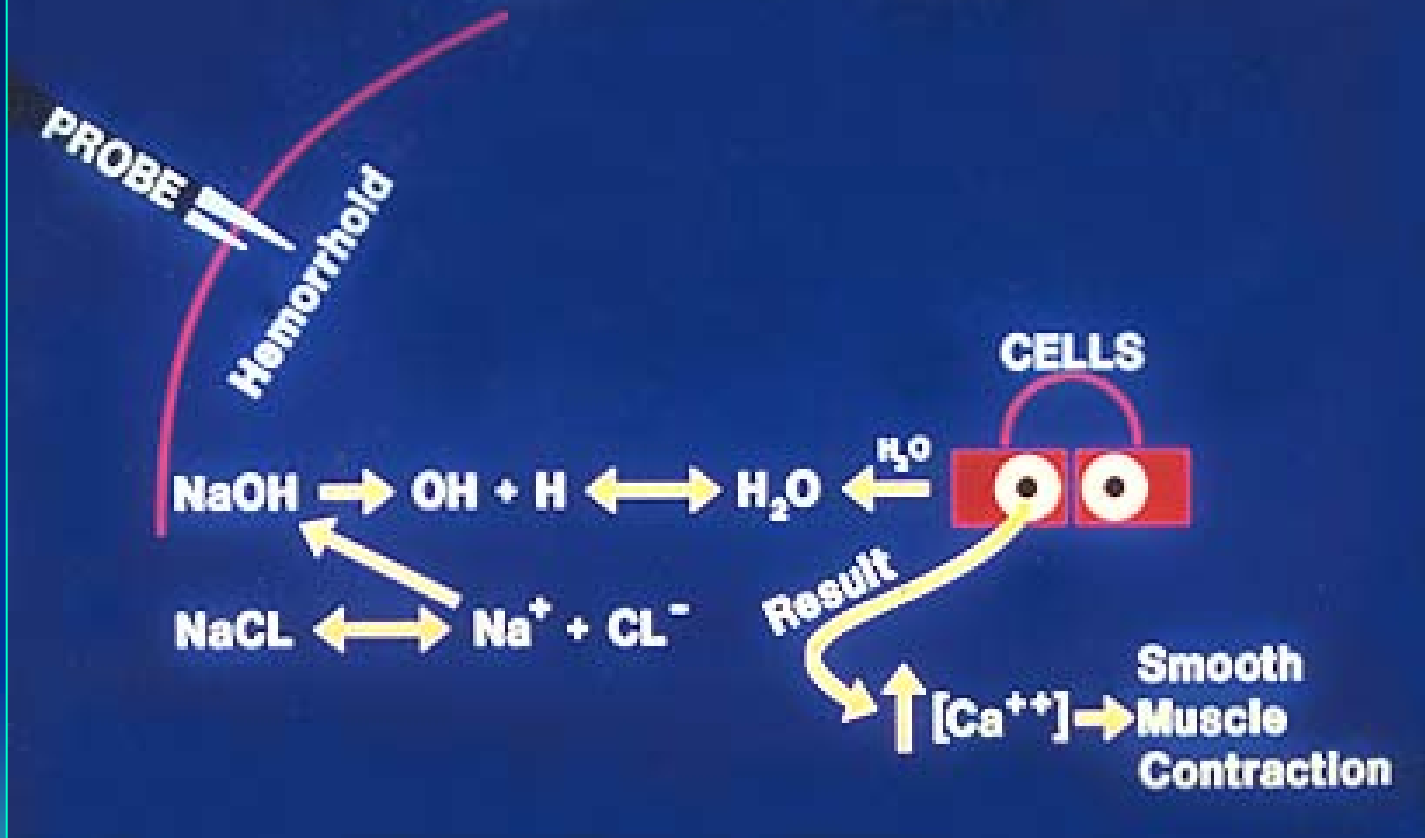
DIRECT CURRENT ELECTROTHERAPY (ULTROID)



Biochemical Response



Vascular Spasm



~~HEAT~~



HEMORRHOIDS?

Non-Surgical Cure
of most Hemorrhoidal cases
with virtually no pain.

**SAFE
EFFECTIVE
OUT-PATIENT TREATMENT
NO LOSS OF WORK TIME**

**Covered by Most Major
INSURANCE**

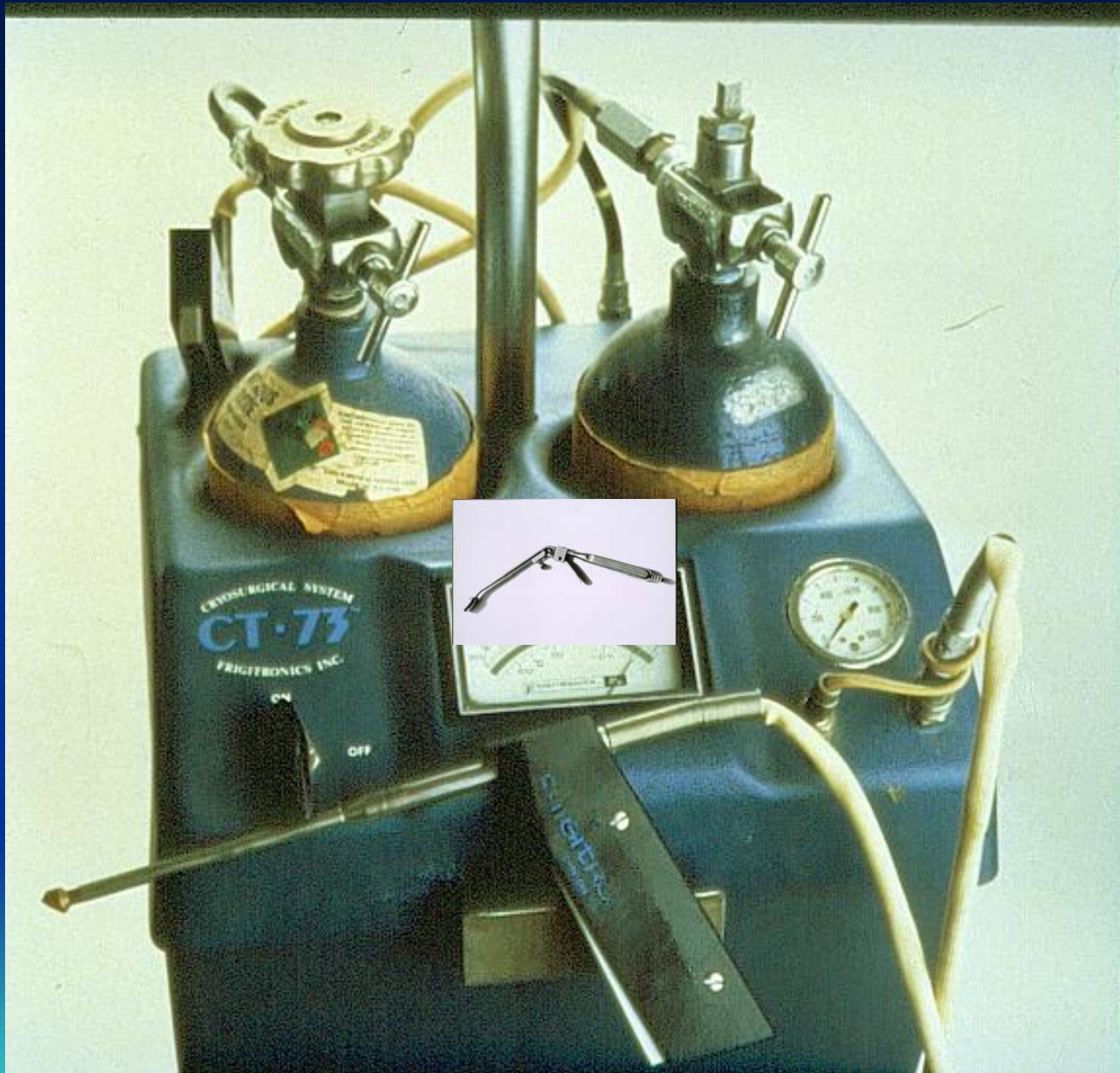
Robert Zylstra, M.D.
533 E. Micheltorena #102
Santa Barbara

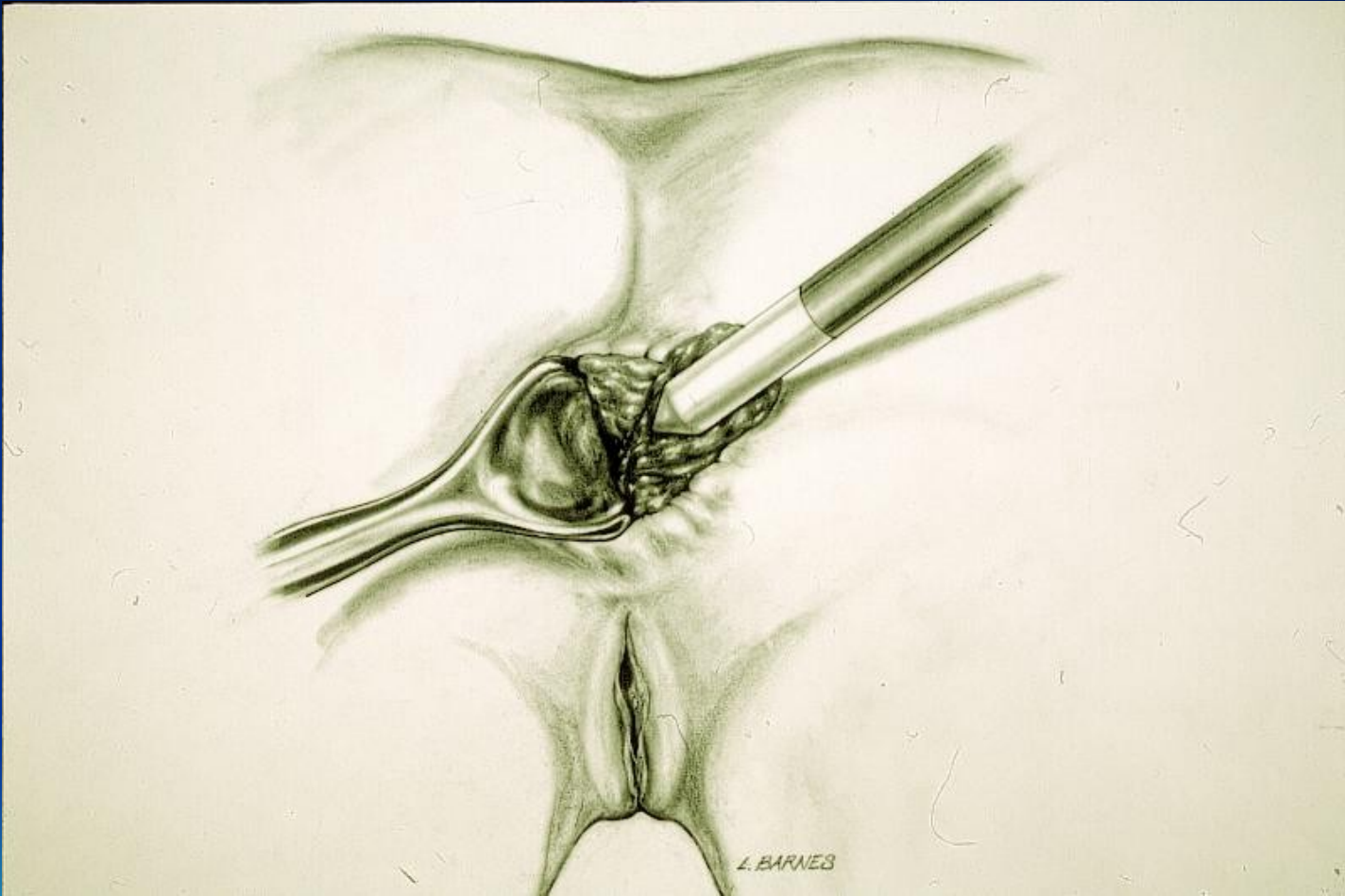
969-7800

CRYOSURGERY

CRYOSURGERY

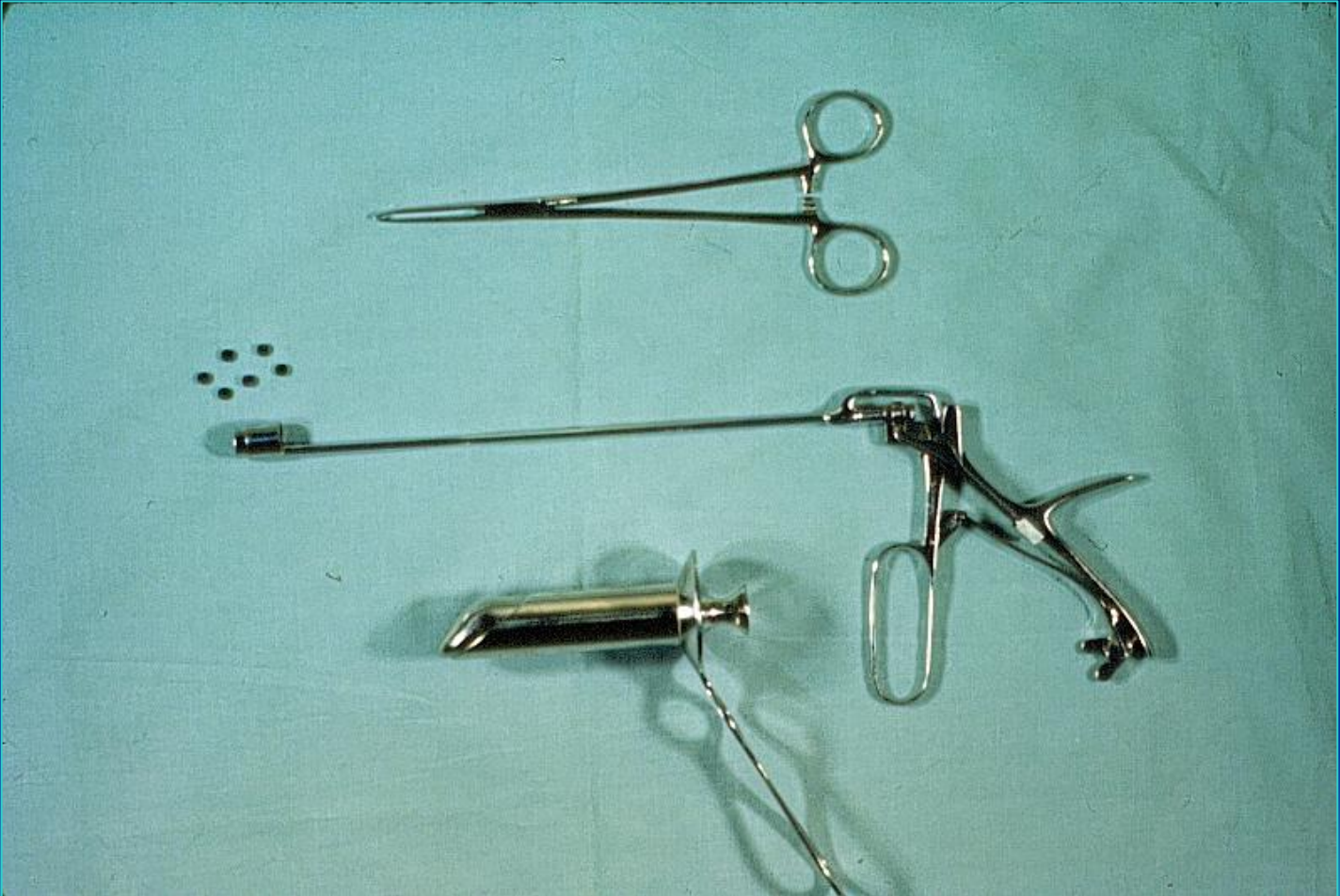
- Applicable grades 1,2,3,4
(theoretically)
- Advantages None
- Disadvantages Pain
Discharge
Bleeding
Stricture
Lawsuits

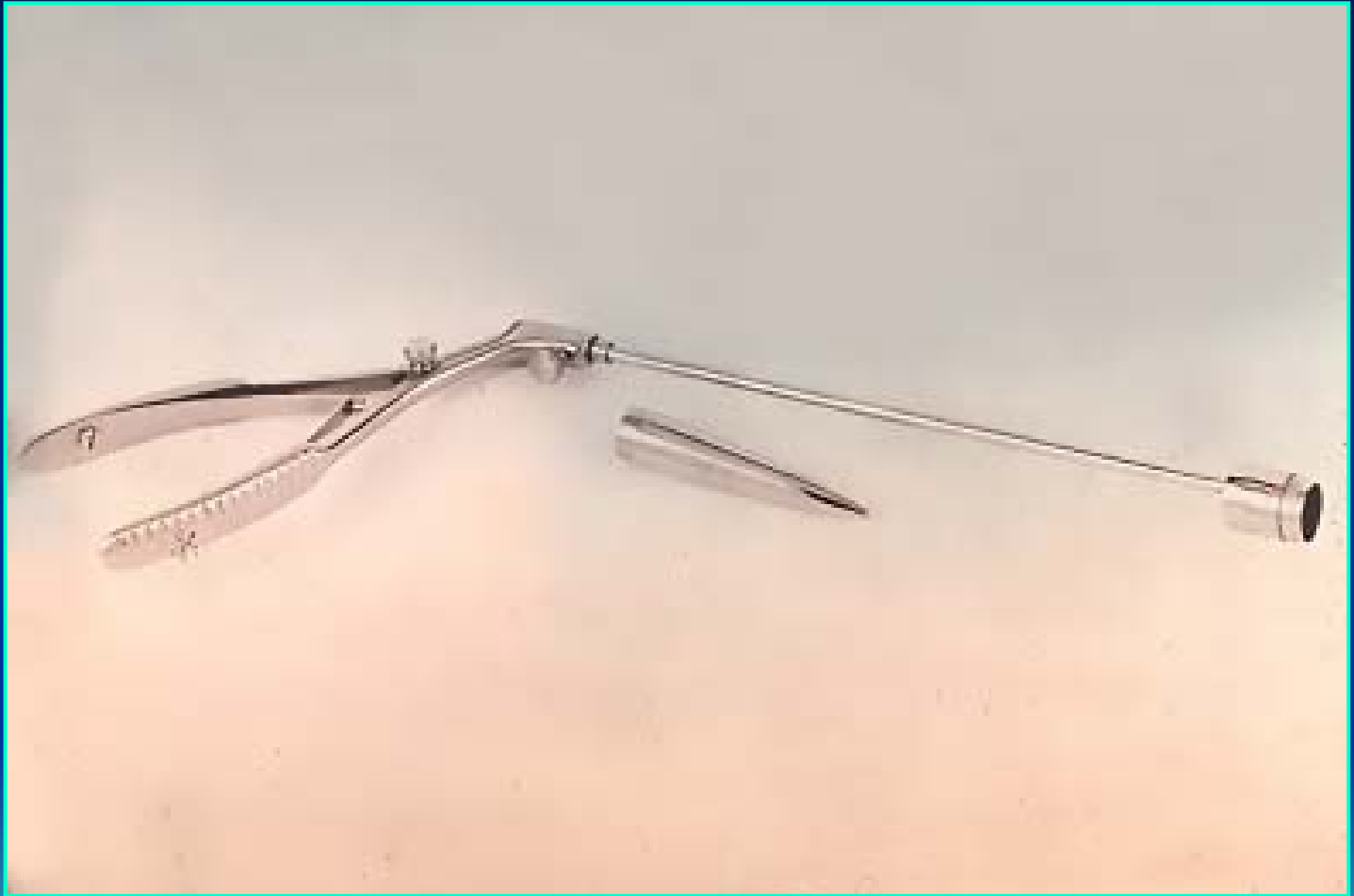


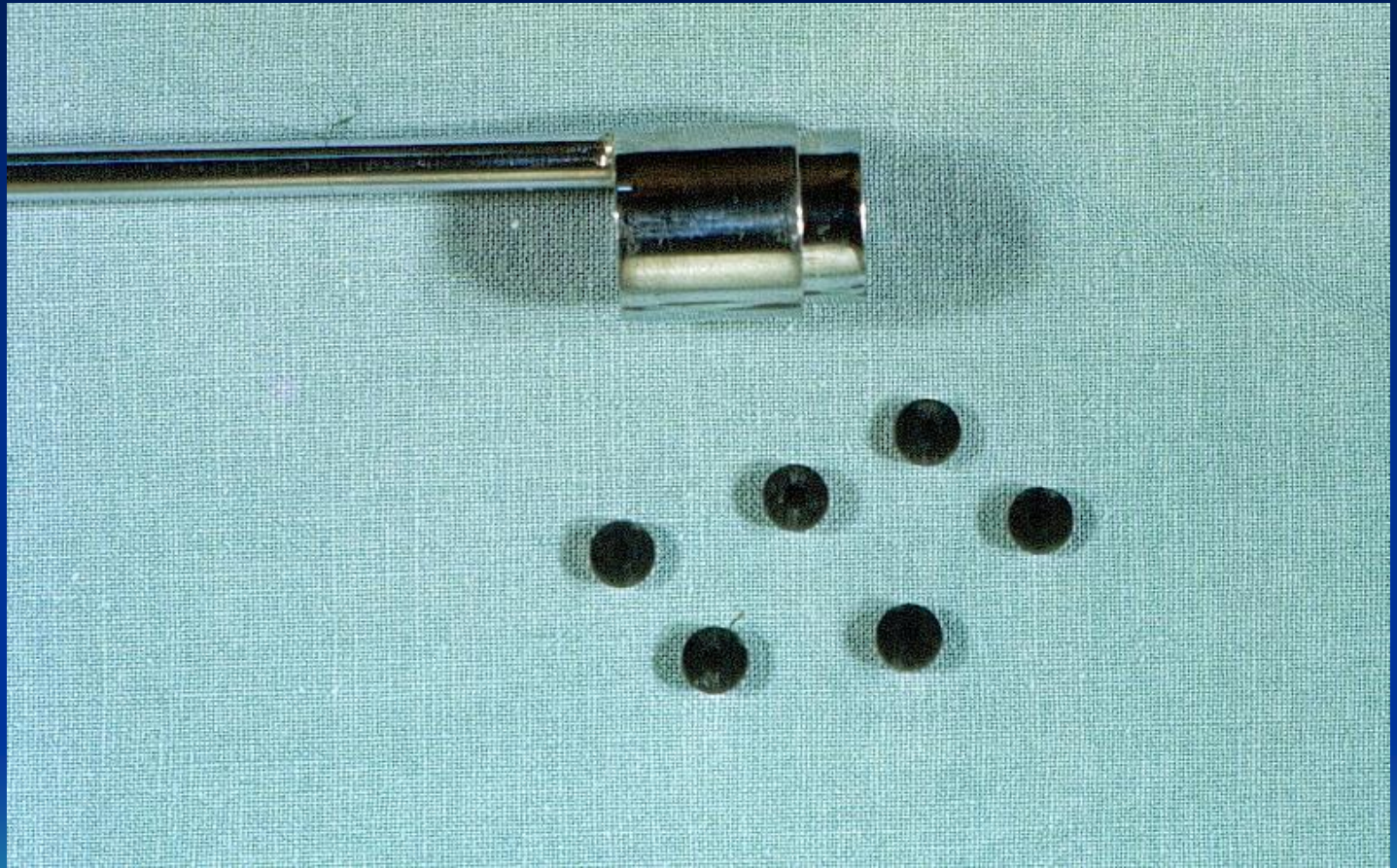


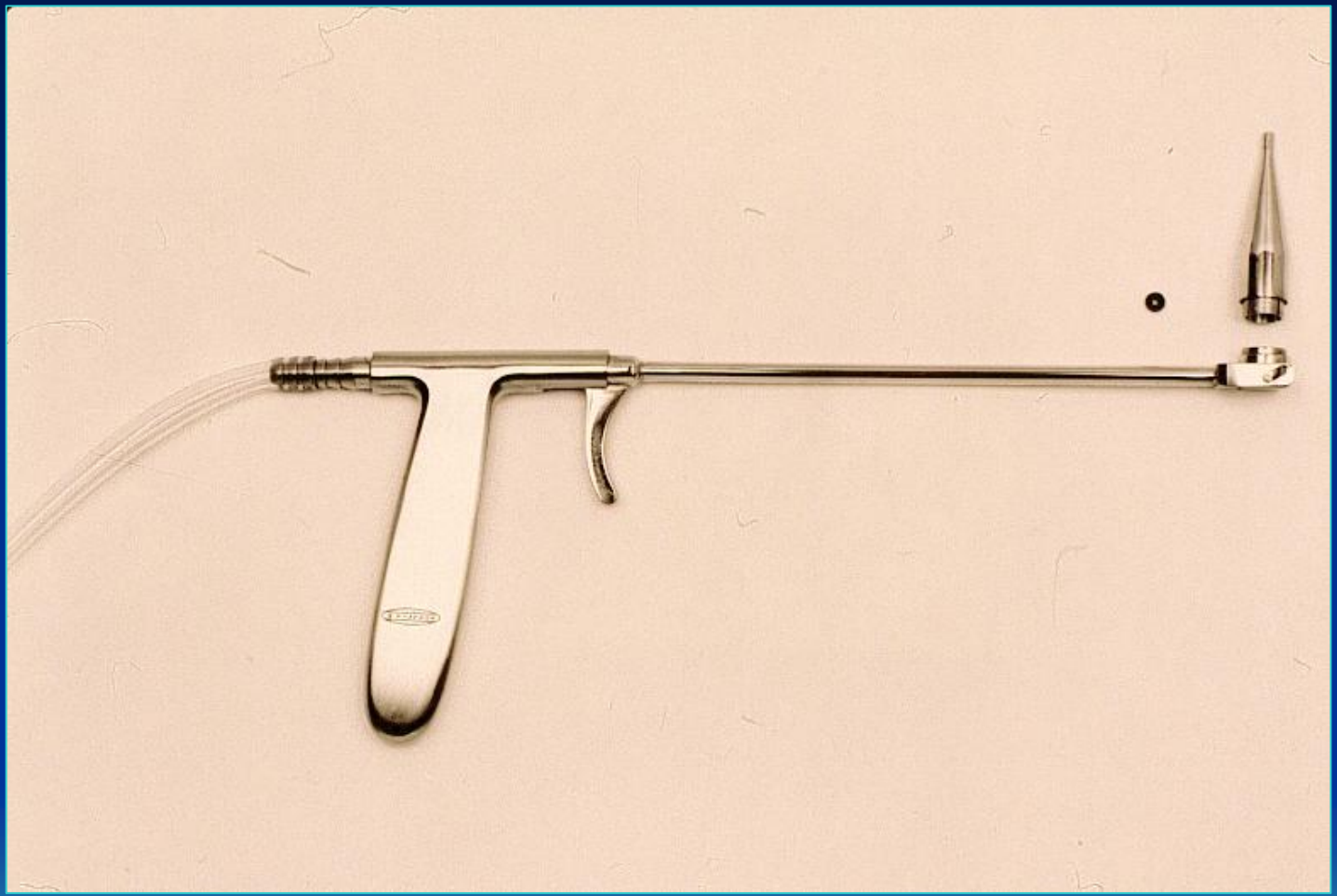
RUBBER RING LIGATION







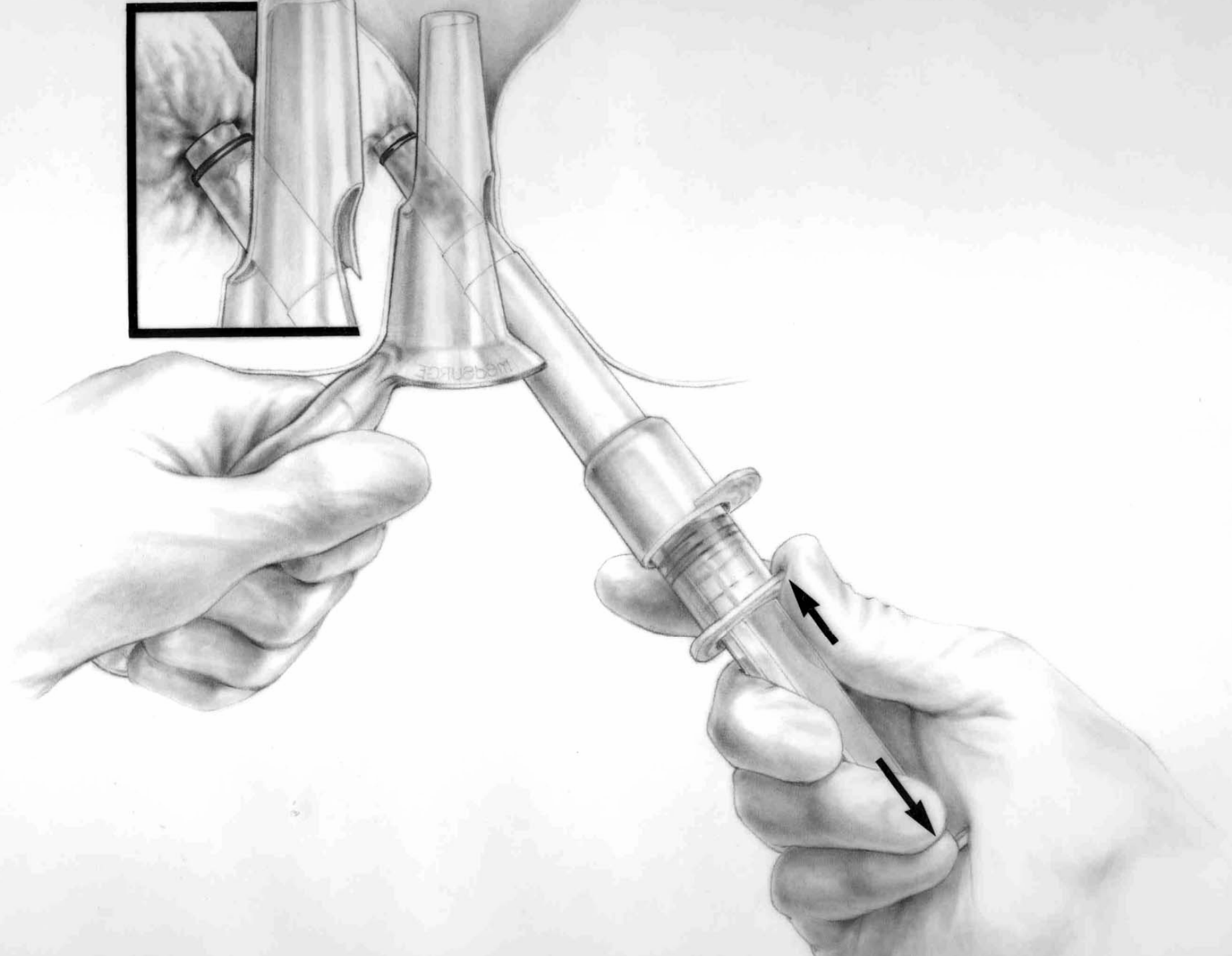


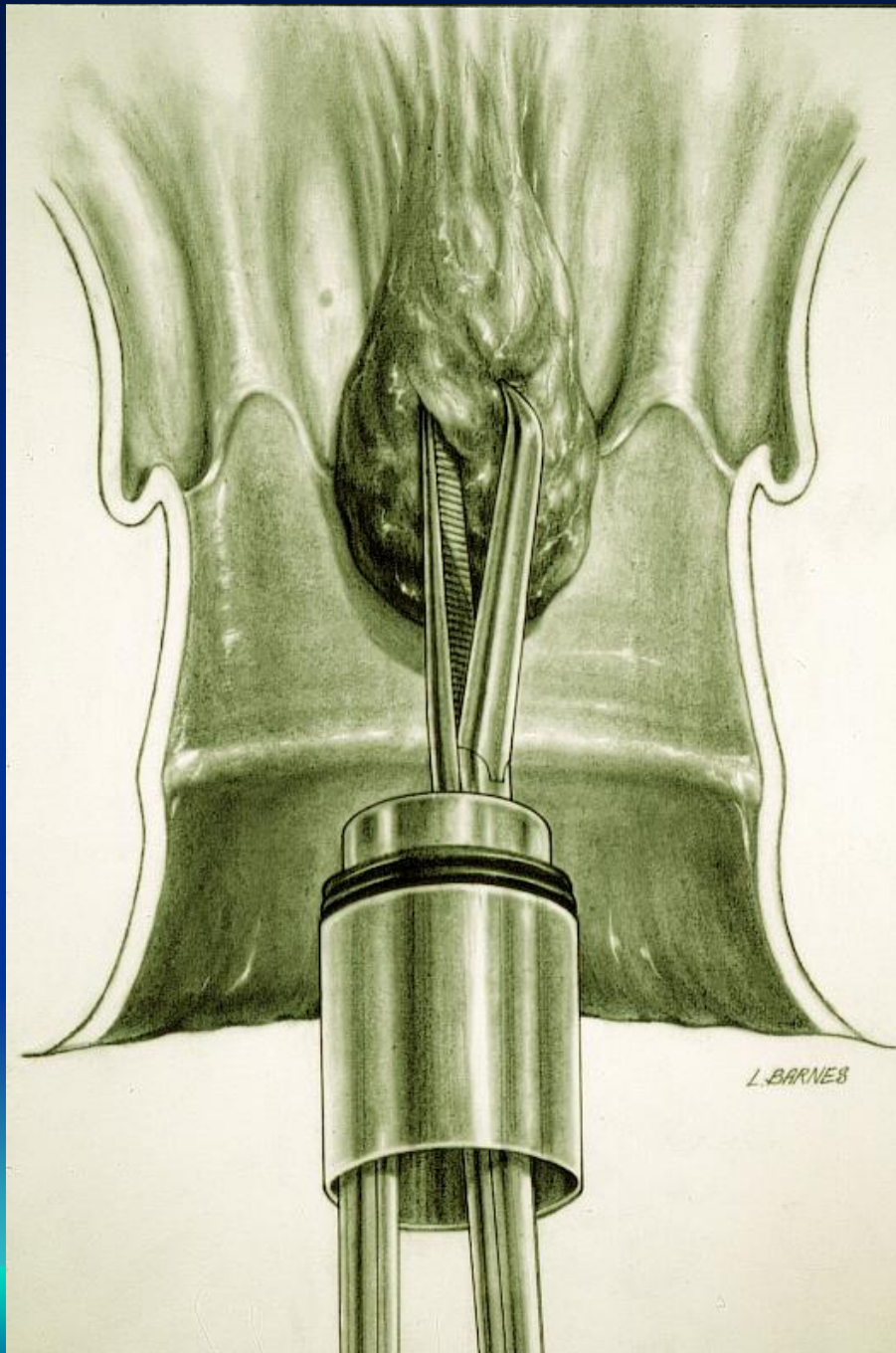




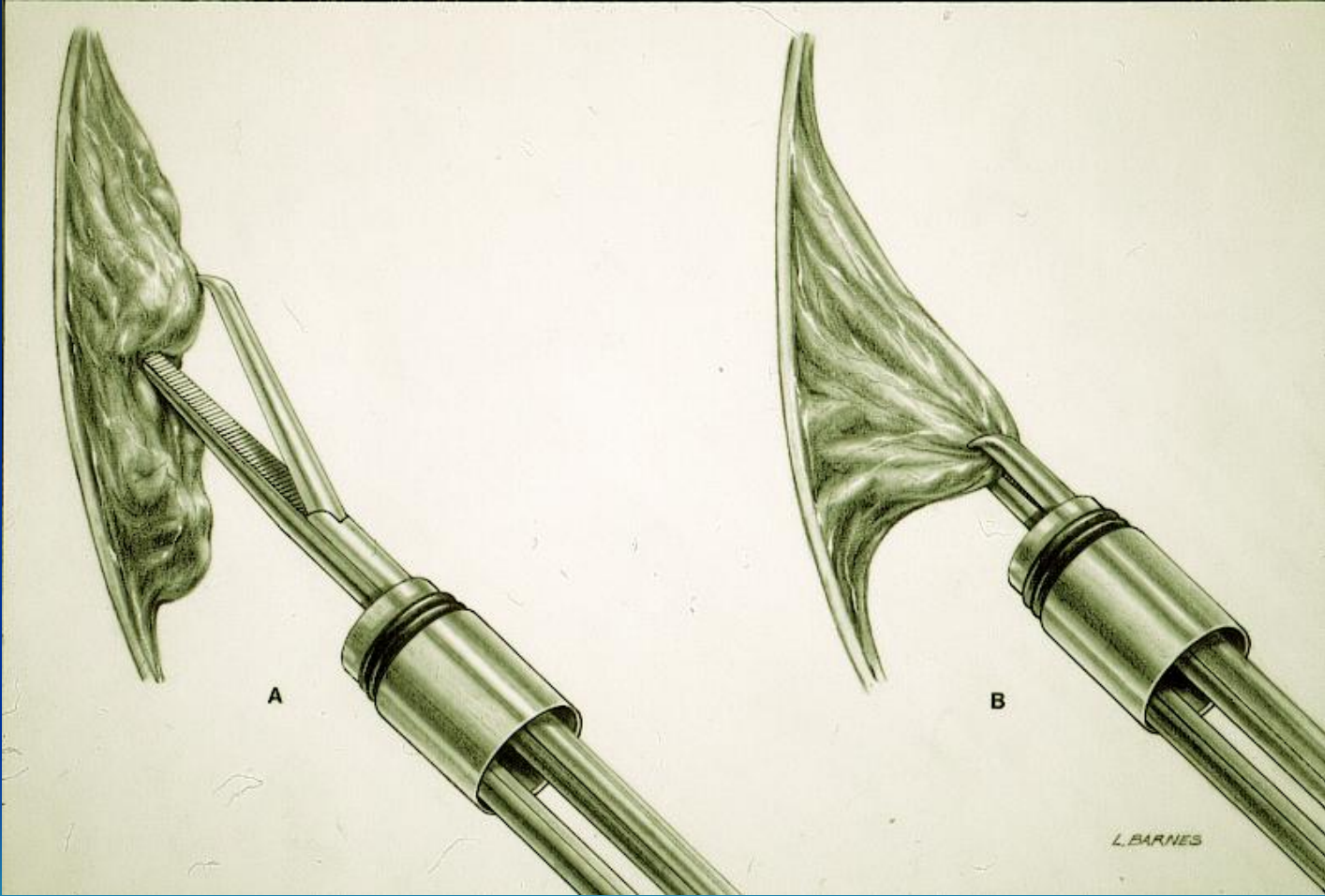


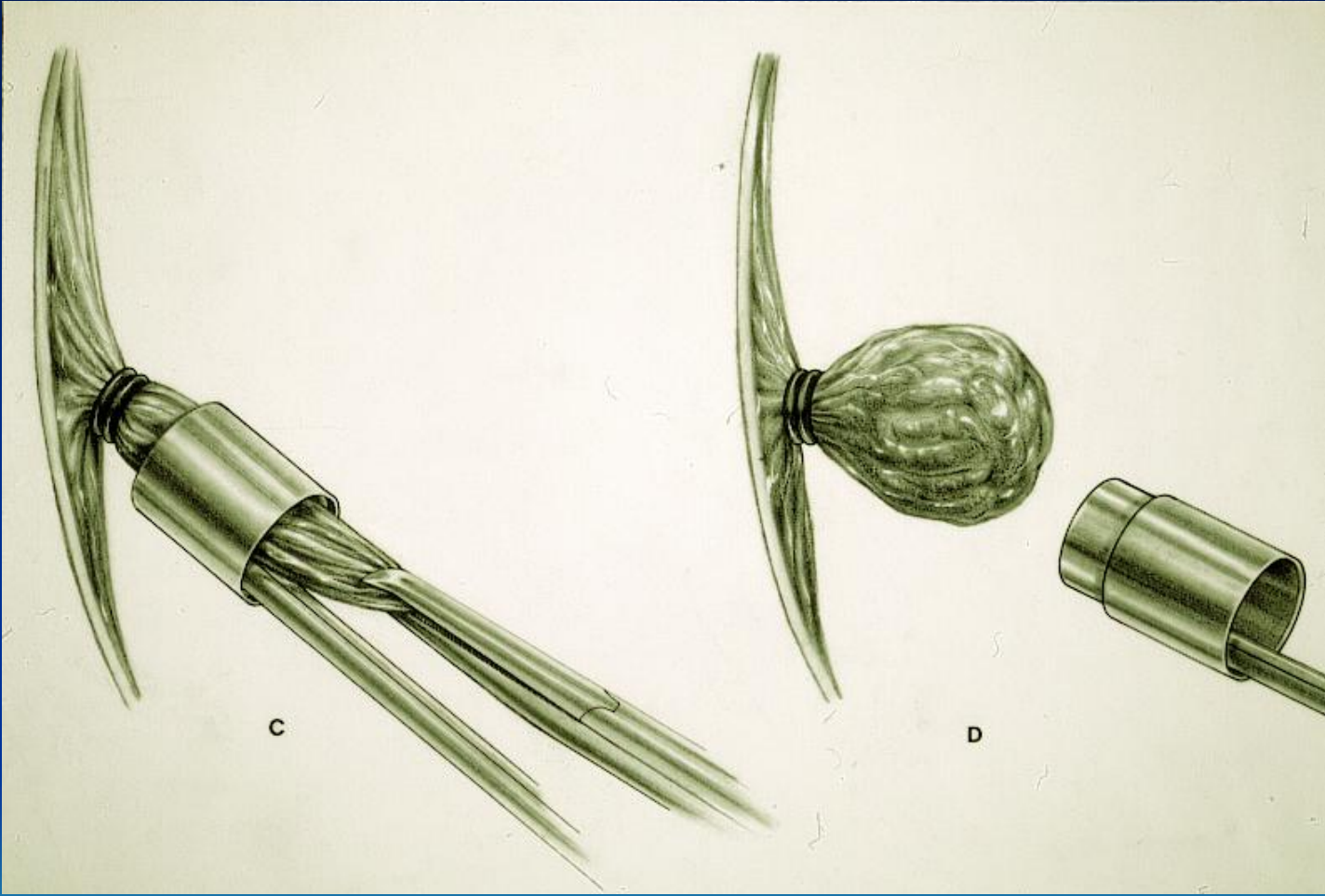


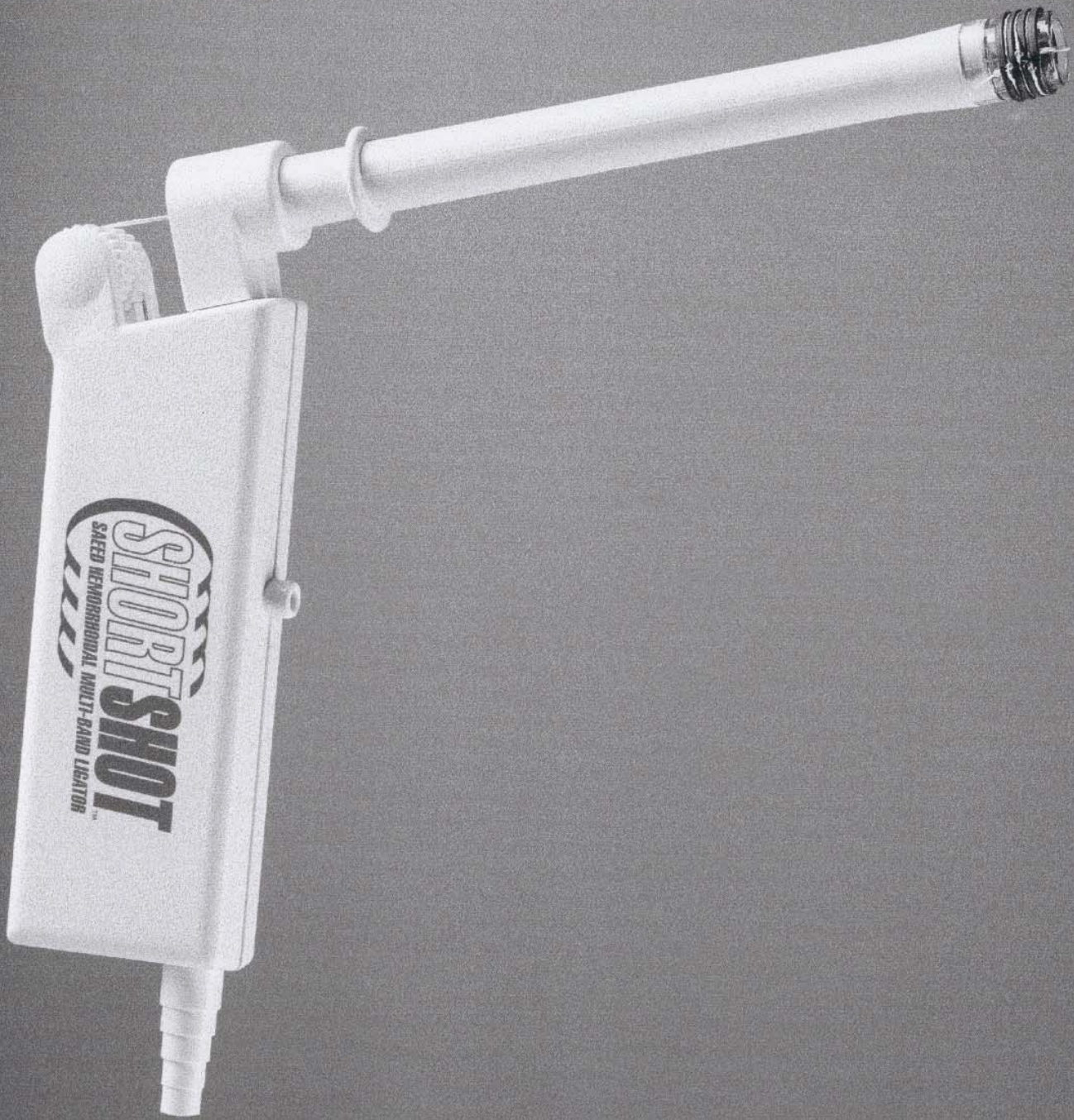




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RUBBER RING LIGATION

Indications for Treatment	Number of Patients	Percent
Bleeding	206	78
Prolapse	56	21
Other	4	1

RUBBER RING LIGATION

Complications	Number of Patients	Percent
Pain	27	10.2
Bleeding	4	1.5

RUBBER RING LIGATION

RESULTS

GRADE	GOOD	FAIR	POOR
I	79%	10%	11%
II	76%	7%	17%
III	66%	8%	26%
IV	26%	32%	42%

RUBBER RING LIGATION

RESULTS

NUMBER OF TREATMENTS	GOOD	FAIR	POOR
ONE	71%	8%	21%
TWO	67%	17%	16%
THREE	72%	11%	17%
FOUR	62%	9%	29%

RUBBER RING LIGATION

- Applicable grades 1,2,3
- Advantages
 - Applicable to larger hemorrhoids
 - Inexpensive
- Disadvantages
 - Late bleeding
 - Pain
 - Perineal sepsis(?)

CONCLUSIONS

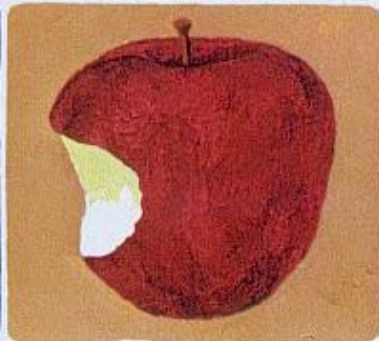
Rubber-ring ligation best alternative

Infrared coagulation or sclerotherapy for hemorrhoids too small to band

Other options of no advantage or contraindicated

EVERYONE POOPS

By Taro Gomi



Kane/Miller Book Publishers