

# 2010

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: 2010 5 15 ( ) 09:00~ 12:30  
: Crystal Ballroom II



New Spirits in Surgeons  
Keep up Standard of Surgery



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2010

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PROGRAM

: 2010 5 15 ( ) 09:00- 12:30 / : Crystal Ballroom II

08:00 09:00

09:00 10:30 : ( ), ( )

09:00 09:30 I. ( ) / 1

09:30 10:00 II. ( ) / 5

10:00 10:30 III. ( ) / 9

10:30 10:50 Coffee break

10:50 12:30 : ( ), ( )

10:50 11:20 I. ( ) / 13

11:20 11:50 II. ( ) / 17

11:50 12:20 III. ( ) / 21

12:20 12:30 IV.

New Spirits in Surgeons  
Keep up Standard of Surgery





- 2) Inspection
- 3) Breast examination
- 4) Discrete mass
- 5) Nodularity
- 6) Radiolgy
- 7) MMG is not standard
- 8) U/S: ductal dilation

5. Mastalgia and breast cancer risk

- 1) Plu-Bureau et al  
 Family Hx, Prior benign disease, age at menarche      mastalgia      RR      2.12
- 2) Goodwin et al  
 , ,      RR      1.32      3.32

6.

- 1) Endocrine mastalgia Tx
  - (1) Goselin
  - (2) Danaxol
  - (3) Bromocriptine
  - (4) Tamoxifen
  - (5) Medroxyprogesterone acetate
  - (6) Lynestrenol
  - (7) Gestrinone
  - (8) Lisuride
  - (9) Isoflavone
- 2) Nonendocrine mastalgia Tx
  - (1) Fat reduction
  - (2) Evening primrose oil
  - (3) Mefenamic acid
  - (4) Caffeine reduction
  - (5) Vitamin E
  - (6) Iodine
  - (7) Agnus castus

7. Eliminating methylxanthines

- 1) Caffeine, theophylline, and theobromine
- 2) Coffe, tea, chocolate, and cola beverage

8. Low dietary fat

- 1) High density lipoprotein
- 2) Cyclic mastalgia

9. Diuretics

1)

10. Evening primrose oil and Gamma- linolenic acid

- 1) Cyclic mastalgia                  58%          noncyclic mastalgia                  38%
- 2) Srivastava                                  EPO

11. Iodine

- 1) Ghent          iodine                  terminal intralobular ducts          epithelium          estrogen

12. Danazol

- 1) Attenuated androgen and 2,3-isoxazol derivative of 17a-ethinyl testosterone
- 2) Competitively inhibits estrogen and progesterone receptors in the breast, hypothalamus, and pituitary
- 3) 100mg twice daily for 2 months                  6
- 4) Muscle cramp, acne, oily hair, hot flashes, nervousness, hirsutism, voice change,

13. LHRH agonist

- 1) Direct inhibition of ovarian steroidogenesis

14. Thyroid hormone

- 1) Thyroid hormone may antagonize the effect of estrogen at pituitary receptor levels of lactotrophs

15. Bromocriptine

- 1) Bromocriptine is an ergot alkaloid that acts as a dopaminergic agonist on the hypothalamic pituitary axis. One result of this action is suppression of PRL secretion
- 2) Side effector: seizure, stroke, and death
- 3) Removal from the indication list of the FDA
- 4) Refractory mastalgia

16. Tamoxifen

17. Trigger point injection for scapular bursitis

18. Psychiatric approaches

19. Surgical approaches: subcutaneous mastectomy

20. Vitamine E

## REFERENCE

1. Disease of the breast 14<sup>th</sup> edition
2. The breast 2<sup>nd</sup> edition
3. Sabiston 18<sup>th</sup>edition
4. Schwartz principles of surgery 9<sup>th</sup> edition





(visceral pain), (segmental nerve roots)

(parietal pain) (referred pain)

(guarding), (rebound tenderness)

*Pneumococcus hemolytic Streptococcus*

*Escherichia coli Klebsiella*

gram-negative

(Sphincter of Oddi)

(hyperresonance)

(tympany)

(free air)

(guarding)

(board like rigidity)

Murphy sign

(multidetector) CT

1ml

(lateral decubitus)

5-10ml

75%

5%,

10%,

90%

(gastric outlet obstruction),

(valvulae conniventes)

(air fluid level)

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haustral marking  
(ileocecal valve)  
(comma shape) , S  
bent inner tube  
(CT)  
CT  
(transition point)  
0.5ml/kg/hour 100mmHg 100 /  
3  
100% 96% , 98% 1 3  
, 2 2/3  
minilaparoscopy  
, HIV  
(aspergillosis, endemic mycoses), CMV, EBV (peritoneal tuberculosis),

, CT MRI  
trocar port

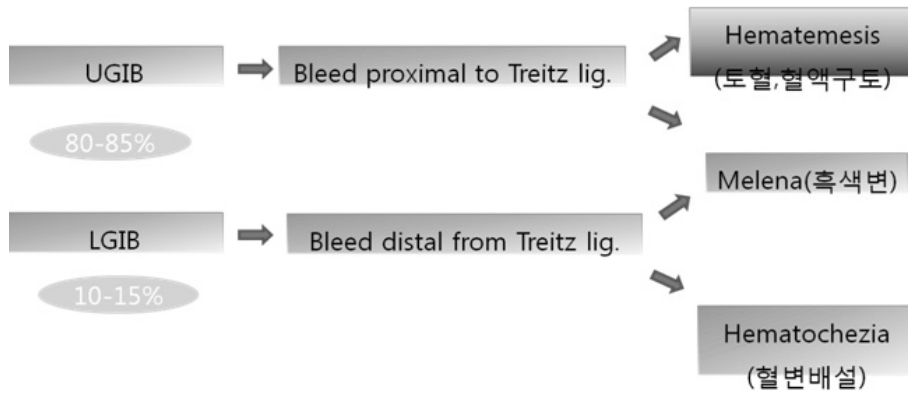
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2. Graff LGT, Robinson D: Abdominal pain and emergency department evaluation. *Emerg Med Clin North Am* 2001;19:123-136
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6. Lee R, Tung HK, Tung PH, et al: CT in acute mesenteric ischaemia. *Clin Radiol* 2003;58:279-287
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10. Mehran A, Liberman M, Rosenthal R, et al: Ruptured appendicitis after laparoscopic Roux-en-Y gastric bypass: Pitfalls in diagnosing a surgical abdomen in the morbidly obese. *Obes Surg* 2003;13:938-940
11. Byrne TK: Complications of surgery for obesity. *Surg Clin North Am* 2001;81:1181-1193.vii-viii



1. ?

( ) ( ) ( )



2.

1.

20%

| <b>NONVARICEAL BLEEDING (80%)</b> |        | <b>PORTAL HYPERTENSIVE BLEEDING (20%)</b> |      |
|-----------------------------------|--------|---|------|
| Peptic ulcer disease              | 30-50% | Gastroesophageal varices                  | >90% |
| Mallory-Weiss tears               | 15-20% | Hypertensive portal gastropathy           | <5%  |
| Gastritis or duodenitis           | 10-15% | Isolated gastric varices                  | Rare |
| Esophagitis                       | 5-10%  |   |      |
| Arteriovenous malformations       | 5%     |   |      |
| Tumors                            | 2%     |   |      |
| Other                             | 5%     |   |      |

2.

95%

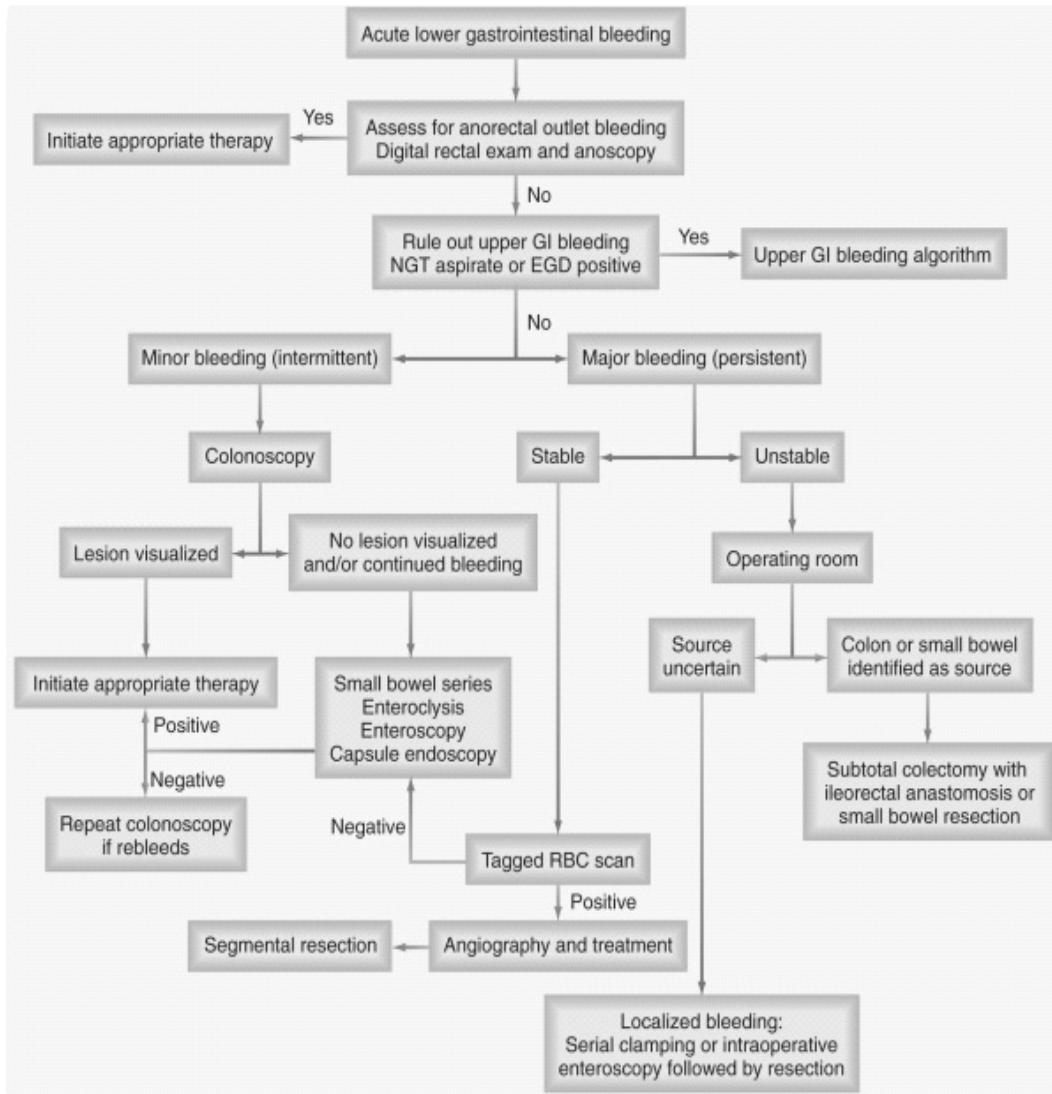
5%

| <b>COLONIC BLEEDING (95%) %</b> |       | <b>SMALL BOWEL BLEEDING (5%)</b>       |  |
|---------------------------------|-------|--|--|
| Diverticular disease            | 30-40 | Angiodysplasias                        |  |
| Ischemia                        | 5-10  | Erosions or ulcers (potassium, NSAIDs) |  |
| Anorectal disease               | 5-15  | Crohn's disease                        |  |
| Neoplasia                       | 5-10  | Radiation                              |  |
| Infectious colitis              | 3-8   | Meckel's diverticulum                  |  |
| Postpolypectomy                 | 3-7   | Neoplasia                              |  |
| Inflammatory bowel disease      | 3-4   | Aortoenteric fistula                   |  |
| Angiodysplasia                  | 3     |  |  |
| Radiation colitis/proctitis     | 1-3   |  |  |
| Other                           | 1-5   |  |  |
| Unknown                         | 10-25 |  |  |

3.

99m

10~15%



4.

1.

2.

3.





1.

(enema)

2.

|           |               |
|-----------|---------------|
| - 26~30Fr | (rectal tube) |
| - 1       |               |
| - 1       |               |
| - ( )     |               |
| - 50 mL   | (Glycerin)    |
| -         |               |

①

② 1

(aseptic technique)

③

④

(left lateral decubitus)

⑤

1

⑥

( )

. 15 cm

⑦

Lactulose

bottle 50cm~1m

⑧

10~15

⑨

3.

①

(DRE)

-

1

X-

②

1. Position

2. Technique

•

50cm

•

15cm

•

(nasal turbinate)

•

•

50ml

•

1.

2.

3.

( )

( 10cm).

90

(120

)

답

4.

-

- ( )

- 
- -
1. Kaminski, M. V., Jr. Tube Feeding. EATON Laboratories, 1973. Booklet describing technique.
  2. ROCOM, Medical Skills Library, Medex International, Inc, Products. Nasogastric Intubation. Good visual demonstration of technique (videotape).
  3. Alessi, D.M., and Berci, G. Aspiration and nasogastric intubation, Otolaryngol. 94(4):486-489, 1986. A complication that must be weighed against the need for nasogastric intubation.
  4. , 2 , .
  5. , , , .
  6. Atlas of Bedside Procedure. Thomas. J Vander Salm. .
  7. , , .



? (pus, dead neutrophil)  
(abscess) vs. (empyema)

: Furuncle, Carbuncle

vs.

- 1.
    - Perirectal
    - Anterior and lateral neck
    - Hand abscess
    - Deep abscess or adjacent to vital nerve or blood vessel
    - Abscess in central triangle of the face
    - Breast abscess
  2.
    - Recurrent and multiple interconnected abscess
    - Large (>5cm) abscess
    - Mycotic abscess
  3.
    - Child
    - Difficulty to cooperate
    - Contraindication to sedation

: (pain), (tenderness), (fluctuant), (erythematous nodule)  
: (fistula)

- Sterile gloves, drapes, and 4 x 4 inch gauze
- Goggles or other eye protection (eg, surgical mask with integrated visor)
- Povidone-iodine solution
- Local anesthetic (eg, 1 or 2 percent lidocaine)
- 3 to 10 mL syringe and needle of 25, 27, or 30 gauge
- Culture swab
- Number 11 or 15 blade and scalpel holder
- Curved hemostats
- Forceps
- Scissors
- Needleless 30 to 60 mL syringe with 19 gauge IV catheter
- Basin with sterile saline solution
- Packing material (eg, iodoform or plain gauze packing tape)
- Dressing of choice

1. (incision): skin crease . No.11 or 15 scalpel

2. (culture): MRSA . MRSA

3. (probing): Hemostat

4. (packing or drain placement): scalpel . packing  
drain

te ta nus

tetanus

:

---

1. No packing or drain

7 ~ 10

2. Packing placed

packing

1.

3. Drain placed

drain

dressing

24

drain

24-48

1cm drain

4. :

-  
-  
-  
-  
-

:

1.

2.

3.

4.

5.

6. Tetanus

7.

, , debridement of necrotic tissue

Percutaneous skin closure

Dermal closure

Alternative closure

- Running suture
- Subcuticular running suture
- Vertical mattress
- Horizontal mattress

1. Lip
2. Tongue
3. Scalp
4. Eyebrows
5. Cheek or zygomatic area
6. Ear

Dressing

Stitch out

Prophylactic antibiotics





1987

1990

2000

1990  
Surgical Inc, Sunnyvale CA, USA)

da Vinci<sup>®</sup> surgical system 3-D  
(surgical cart),

da Vinci<sup>®</sup> surgical system

da Vinci<sup>®</sup> surgical system (Intuitive

(surgeon console),  
(vision cart)

endowrist

, 3

1997 Cardiere

2009

1395

2009

205,000

2005

7

2010

23

30

9500

4000

2000

2007 11

(tactile feedback)

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2010 5 15

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(PentAid)

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