

Medicolegal aspects of MBS in the US: what crisis?

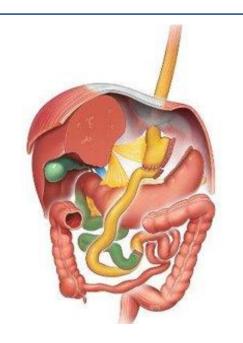
Abdelrahman A. Nimeri, MD, FACS, FASMBS Dipl ABOM Director, Bariatric Surgery Brigham & Women's Hospital Secretary/Treasurer, IFSO

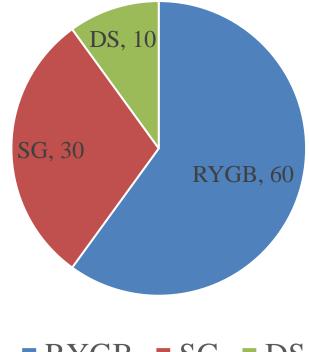


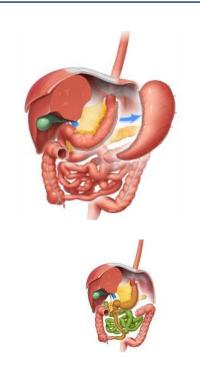


Speaker/Advisory board, Medtronic, Intuitive & Ethicon

Procedure disclosure













Presentation outline

• Status of medicolegal practice in the US.

Why MBS surgeons get sued & how to prevent them.

• Early detection, prevention and management.



Changes in Utilization of Bariatric Surgery in the United States From 1993 to 2016

Guilherme M. Ca

Campos et al

Annals of Surgery • Volume 271, Number 2, February 2020

MD.

Founding Member, Mass General Brigham

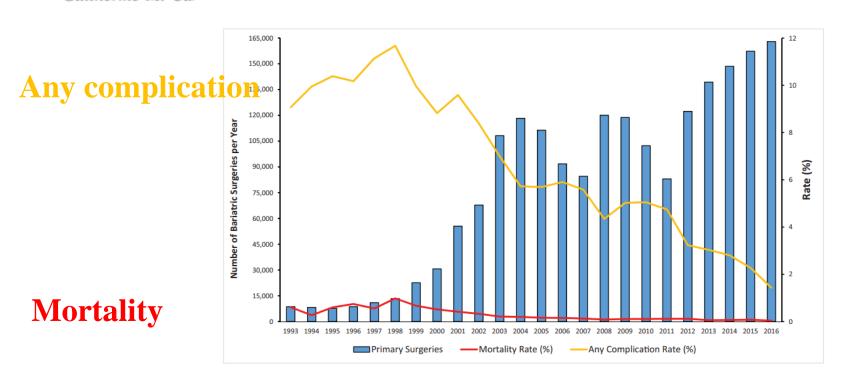
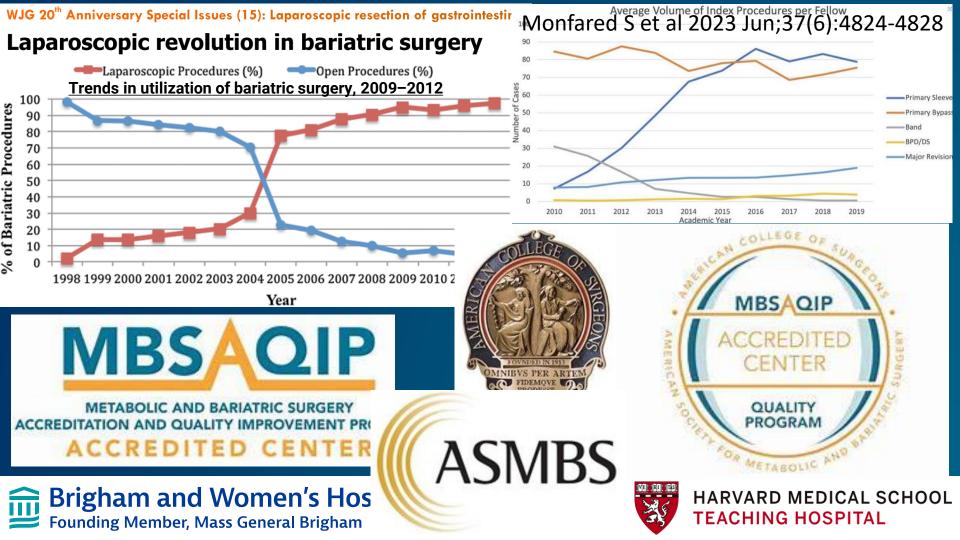


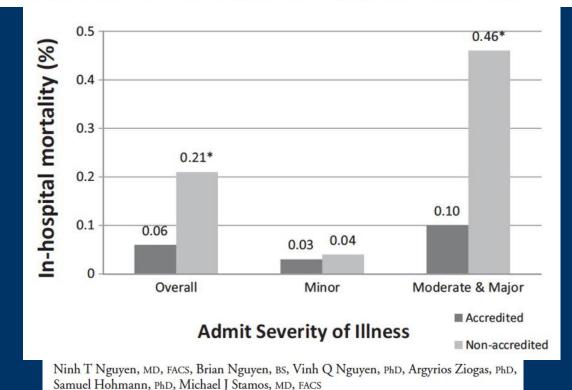
FIGURE 2. Number of inpatient primary bariatric surgery procedures and initial admission complication and mortality rates in the United States from 1993 to 2016.

Brigham and Women's Hospital





Outcomes of Bariatric Surgery Performed at Accredited vs Nonaccredited Centers



Managada Hagasital





Bariatric Surgery and Malpractice: an Extensive Review Obesity Surgery (2023) 33:3611–3620 of Demographics, Complications, Litigation, and Proactive Mitigation

Salman AlSabah¹ • Eliana Al Haddad²

- Systematic review of 19 papers from 1999-2023.
- The increase in MBS from 2002 to 2013 was accompanied by a concurrent rise in malpractice claims & 25% of all visceral surgery complaints linked to MBS [most claims from young female patients].
- History of abdominal surgery (26.6%), depression or psychiatric illness (24.8%) Smoking (17.8%).
- To reduce complications: effective risk management, comprehensive preoperative assessment, & postoperative FU.



Bariatric Surgery and Malpractice: an Extensive Review Obesity Surgery (2023) 33:3611–3620 of Demographics, Complications, Litigation, and Proactive Mitigation

Strategies Primary prevention: Salman AlSabah¹ • Eliana Al Haddad²

- (a) Communication and informed consent: clear communication about the potential risks, benefits, and alternative options associated with MBS.
- (b) Proper selection of surgical technique: surgeons should adhere to established, evidence-based surgical procedures. Nonstandard weight loss operations, especially in high BMI patients, were overrepresented in malpractice claims. Procedures should be selected according to patient suitability and the surgeon's competency.
- (c) Surgical skill and competence: surgeons should ensure their technical skills are continually updated through ongoing training.
- (d) Accreditation and board certification: hospitals should strive to obtain accreditation for MBS. Surgeons should also attain board certification, as there is a higher risk of malpractice claims against non-board-certifed surgeons.



Bariatric Surgery and Malpractice: an Extensive Review Obesity Surgery (2023) 33:3611–3620 of Demographics, Complications, Litigation, and Proactive Mitigation Strategies Secondary prevention: Salman AlSabah 1 D · Eliana Al Haddad 2

- (a) early detection and management of complications: this involves prompt identification and appropriate management of common postoperative complications.(b) Effective postoperative care: postoperative care plans should be personalized to patient needs and should involve MDT teams to prevent nutrient deficiencies.
- (c) Communication in postoperative period: consistent communication between medical providers and patients is vital during the postoperative.
- (d) Responsiveness to changes in patient status: high vigilance and responsiveness are necessary when managing postoperative patients.
- (e) Referral to specialists: in case of complex complications, immediate referral to specialists for further evaluation and management is recommended.



Bariatric Surgery and Malpractice: an Extensive Review Obesity Surgery (2023) 33:3611–3620 of Demographics, Complications, Litigation, and Proactive Mitigation

Strategies Risk factors for lawsuits Salman AlSabah¹ • Eliana Al Haddad²

- Inadequate patient communication & preoperative evaluation.
- Improper or delayed diagnosis and treatment.
- **Surgical errors:** an ASMBS expert panel concluded that **58.1**% of all complications could have been prevented by the surgeon.
- Inadequate postoperative care: improved postoperative care could have prevented complications in 45.1% of cases.
- Inadequate supervision in teaching hospitals.
- Performing nonstandard weight loss operations.



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First report from the American Society of Metabolic and Bariatric Surgery closed-claims registry: prevalence, causes, and lessons learned from bariatric surgery medical malpractice claims

- A total of 175 closed claims were collected from 4 national malpractice insurers for index MBS from 2006–2014.
- Of these, 75.9% of surgeons were board certified & 43.3% of the hospitals were accredited for MBS.
- Most clinical complications after MBS that led to malpractice lawsuits were mortality (35.1%) & leaks (17.5%), Tech error (6.9%), bleeding (5.3%), retained foreign body (5.3%), & vascular injury (4.4%) occurred at higher rates than national averages.

John M. Morton, M.D., M.P.H. a,*, Habib Khoury, B.S. b, Stacy A. Brethauer, M.D.c, John W. Baker, M.D.^d, William A. Sweet, M.D.^e, Samer Mattar, M.D.^f, Jaime Ponce, M.D.^g. Ninh T. Nguyen, M.D.^h, Raul J. Rosenthal, M.D.ⁱ, Eric J. DeMaria, M.D.^j

Surgery for Obesity and Related Diseases 18 (2022) 943–947

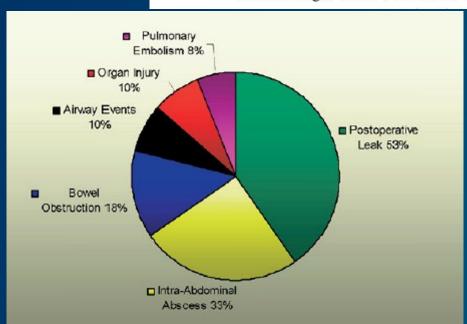


Brigham and Women's Hospital Founding Member, Mass General Brigham



Medicolegal analysis of 100 malpractice claims against bariatric surgeons

Daniel Cottam, M.D.^a, Jeffrey Lord, M.D.^{b,*}, Ramsey M. Dallal, M.D.^c, Bruce Wolfe, M.D.^d, Kelvin Higa, M.D.^e, Kathleen McCauley, J.D.^f, Philip Schauer, M.D.^g



The prevention of leaks, their timely diagnosis & treatment is the single most important strategy to improve patient outcomes and prevent malpractice lawsuits related to bariatric surgery.

Cottam D Surg Obes Relat Dis. 2007 Jan-Feb;3(1):60-6; discussion 66-7. Epub 2006 Dec 27.





Medicolegal analysis of 100 malpractice claims against bariatric surgeons

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- Leak or collection in 86% of patients.
- In 15% of the cases, it was noted that the primarysurgeon had left town or transferred coverage immediately before the occurrence of a complication.

Cottam D Surg Obes Relat Dis. 2007 Jan-Feb;3(1):60-6; discussion 66-7. Epub 2006 Dec 27.





Bariatric-related medical malpractice experience: survey results among ASMBS members

Ramsey M. Dallal, M.D.^{a,*}, John Pang, M.D.^a, Ian Soriano, M.D.^a, Daniel Cottam, M.D.^b, Jeffrey Lord, M.D.^c, Susan Cox^d

The probability of a medical malpractice lawsuit correlates positively to the *number of procedures* performed and the number of years the surgeon has been in practice.

Surgery for Obesity and Related Diseases 10 (2014) 121-124

There's an old Chinese proverb that goes: 上得山多终遇虎 (pinyin: shàng de děi shān duō zhōng yù hǔ). "If you go to the mountain often enough, you will meet the tiger."





Surgeons don't get in trouble because a patient had a leak or complication

"It is rather because there was delay in diagnosis, lack of adequate surgical coverage, or the possibility of a leak/complication was never discussed with the patient and their family"





You cannot plan on NOT having complications

- Follow guidelines like those established by IFSO or ASMBS to help reduce the risk of liability.
- Establishing and maintain a solid physician-patient relationship by using appropriate interpersonal skills.
- Your relationship with the patient and family remains the most effective way of reducing the risk of being sued when there is an unfortunate complication, as well as increasing the chances of a successful defense in the event of suit.

Eagan MC et al Am Surg. 2005 May;71(5):369-75.



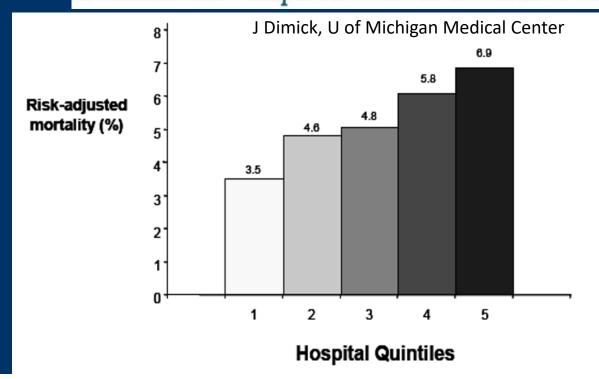
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Are Variations in Hospital Mortality Rates with Inpatient Surgery Related to Differences in Complication Rates or Failure to Rescue?

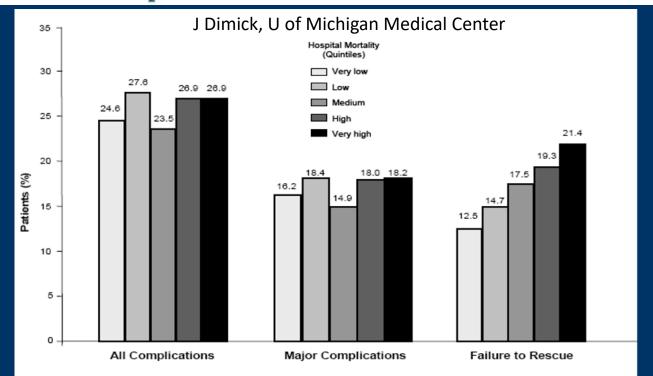


Does early detection matter?





Are Variations in Hospital Mortality Rates with Inpatient Surgery Related to Differences in Complication Rates or Failure to Rescue?







Metabolic St. Burbatric Surgery

1. Unstable Vital Signs

- Fever > 101" F
- Hypotension
- *Tachycardia > 220 bpm x 4 hours
- *Tachyanea
- Hypoxia
- . Decreased urine output

EMERGENCY PRESENTATIONS:

- 2. Bright Red Blood by Mouth or Rectum, Melena, Bloody Drainage
- 3. Abdominal Pain or Colic > 4 hours
- 4. Nausea ± Vomiting > 4 hours
- 5. Vomiting ± Abdominal Pain

BARIATRIC COMPLICATIONS:

- Intra-Abdominal Bleeding
- Leaks and Sepsis
- Obstruction
- Pulmonary Embolism
- Womiting ± Abdominal Pain
- Abdominal Compartment Syndrome

INFORMACT, EMONTING ANALYSMY, of case of ethic coherusates. Partiests offer don't done which prevalues they have hell, and evigence was the precedent start actually. If you're not the privaley acques, call the segment who yet format life precedent

Gastric Bymans

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vastroplasty

Principles to Guide Management of Bariatric Emergencies

I. Critical Time Frame

Diagrape within 6 hours.
 Te Off within 10 na hours.

II. Critical Warnings

- Call benefic surpeon early, if not evalidity, call general surpeon en call.
- These are not report abdominal rangery patients, they do not exhibit expected or reports again and springlature, and they have no physiological reserve to worker complications.

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 - perforation - Macron PH for goods weeker-safeguard

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- Convent in Menicons systemate, interstanted by Warts, confusion, Municipal vision, IV destroys will represent to talk of personnel countries repairment.

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Initial Assessments

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1. Little

- Comprehensive Chemistry Profile
 Ameliose
- 5 Imaging
- Choleck Ray
 ACT of Abdronous with a
- * CT of Abdomen with one contrast

INTRA-ABDOMINAL BLEEDING

I. Emergency Presentation

Bright Red Blood Oral or Rectal, Melena, Bloody Drainage, Tachycardia, Hypotension, Fainting

- . < 48 hrs postop indicates potential bleed from staple line
- * > 48 hrs postoporuli cates potencial marginal alcer hemonhage
- Bleeding via oral route indicates potential pouch source
 Maken or bleeding us pertain to be not page accounted to or
- Melenia or bleeding via rectal route indicates potential duodenal ulcer or distal stornach or bowel source.

II. Emergency Assessment and Treatment

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 Servicins/rept
- Tregues Visitions
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 Chaos Band Frolin
- + Goald Wasses, Year, Year Cartist line

III. To Surgery if:

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@PULMONARY EMBOLISM

I. Emergency Presentation

* Unitable with signs with technology & chest point

II. Emergency Assessment

+ brooken enlarge ches CF

Presentation of an intra electronical complication such as leak as closed long electronics in given similar to that of PE

LEAKS AND SEPSIS

1. Emergency Presentation

- Unstable vital signs within ye hours of bariatric surgery
- Persistent and progressive tachycards (>sso bpm > 4 hm) is the most sensitive indicator of potential surgical emergeory.
 - Bigns of expenditus may be suited at first and have meet a nile and expositionity, and edition, bleeding, pubmissary enduders PTE, shot ratios and or hair.
 - Unstable visit signs or processes in operating or simplicate, especially within to have different company. From x and F, imperation, to deposition, factorisms, Expense, decreased with in Appe.
- No reprint and of an extra student and topological and as least, a offer stude to the student of the Chair of the cha
- A register abdominal CT does not definitively rule out a complication such as a law. Abdominal soles and package fit swelling can be register annihilations in a law.

II. Emergency Treatment

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+Suggal exploration

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Adjustable Gastric Band

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· To deflate the band, sek patient where their sort is broated and

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Maximum hand solume to u.o., mi. depending an model.

Adjustable Gastric Band Obstructions

assess for prostile sterious or abstruction.

Romai LAGB -Band Tilted Up



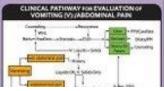
LAUS Too Tight -Normal TIS

OVOMITING ± ABDOMINAL PAIN

Emergency Presentation Veniting associated with obdominal pain needs prompt singleal evaluation and observation onto resolved or special evaluation.



I. Emergency Assessment and Treatment



OBSTRUCTION

I. Emergency Presentation * Abdominal Pain or Colic > chooses

- Consider professor completed. The observed more flowing from a present shall with more flow, may make the open medical for and observed on a cell constraint in treatment. CTSUS Supposition in control page, but set at
- CFEAS diagnostic in most case, but not all + No place for ToS-rude or conservative management
- Acces direct edicates potential electrication diversidate in Sintra cilindrinary cavas perferation.
- Consider IT of abdomes with and partition of banks (Advant Americans).
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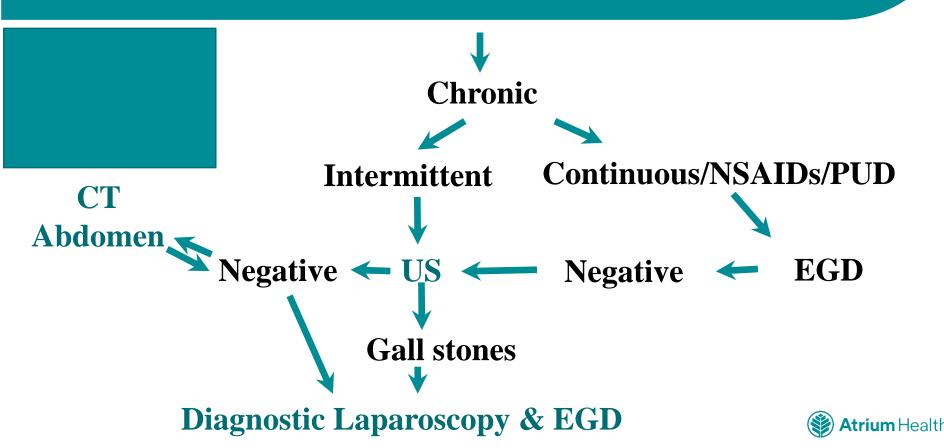






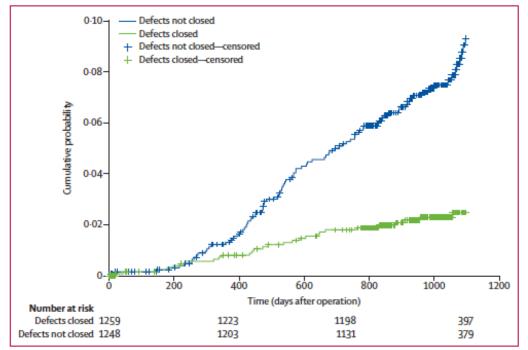


Abdominal pain after any gastric bypass



Probability of reoperation due to SBO due to internal hernia Closure of mesenteric defects in laparoscopic gastric bypass: a multicentre, randomised, parallel, open-label trial

Erik Stenberg,



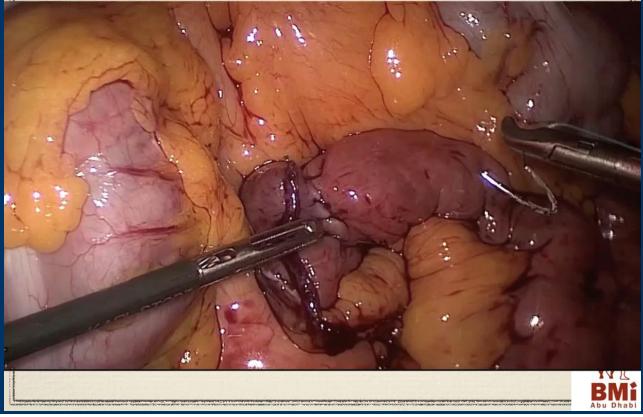
Anders Thorell, Ingmar Näslund

www.thelancet.com Vol 387 April 2, 2016

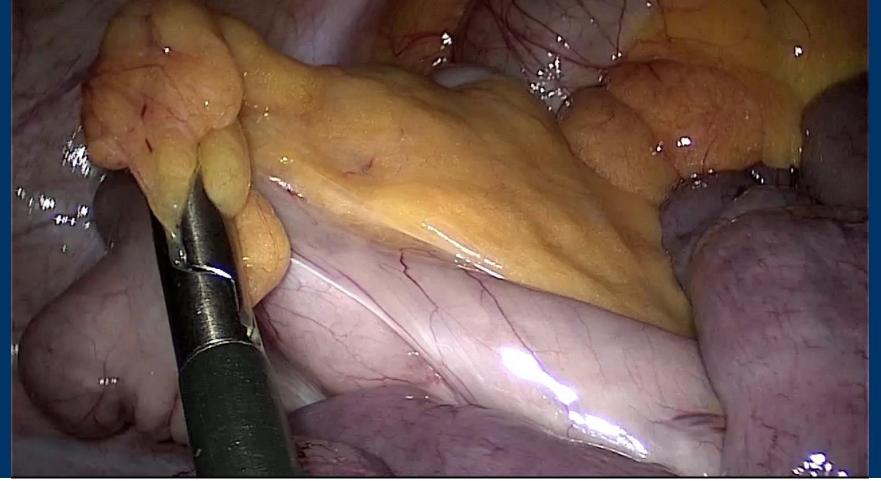
Figure 3: Cumulative probability of reoperation because of small bowel obstruction due to internal hernia



Closure of the jejuno-jejunostoy mesenteric defect











Take home messages

- MBS is as safe as gall bladder surgery.
- Patient education, communication and informed consent.
- Proper selection of surgical technique, Surgical skill & competence.
- COE accreditation & surgeon certification [FPD MBS & ABOM].
- Early detection and management of complications.
- Effective postoperative care
- Communication in postoperative period.
- Responsiveness to changes in patient status.
- Referral to specialists.



