



# **Annual Report 2020**

Department of Surgery, Unit – II

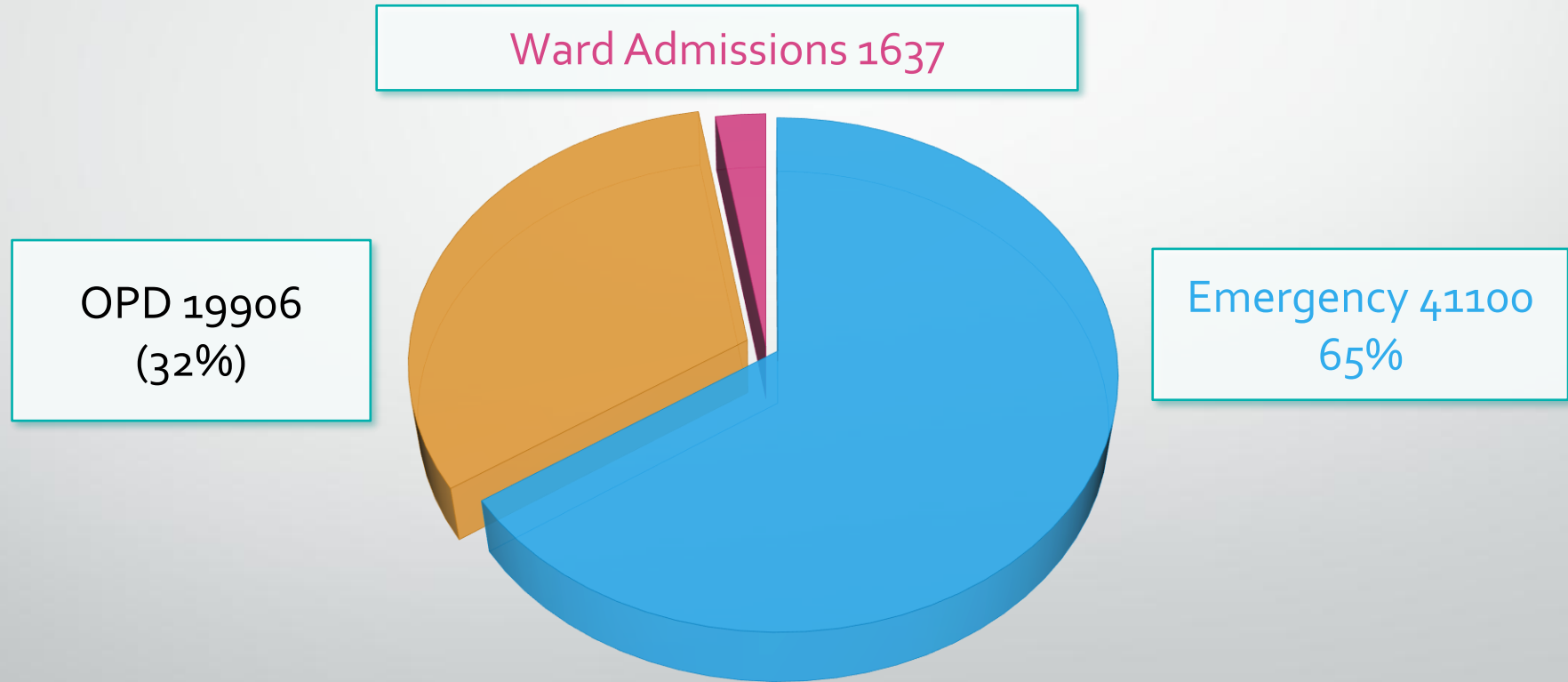
Benazir Bhutto Hospital, Rawalpindi



# Departmental Details

<b>Total In-Patient Beds</b>	<b>52</b>
Beds in High Dependency Unit	14
Beds in Male Ward	14
Beds in Female Ward	16
Beds in General Bay	06
Side Rooms	02
Beds in A & E Department	24
Beds in Intensive Care Unit (Shared)	10

# Surgery by the Numbers



# Total Ward Admissions

Male Admissions

879

+

758

Female Admissions



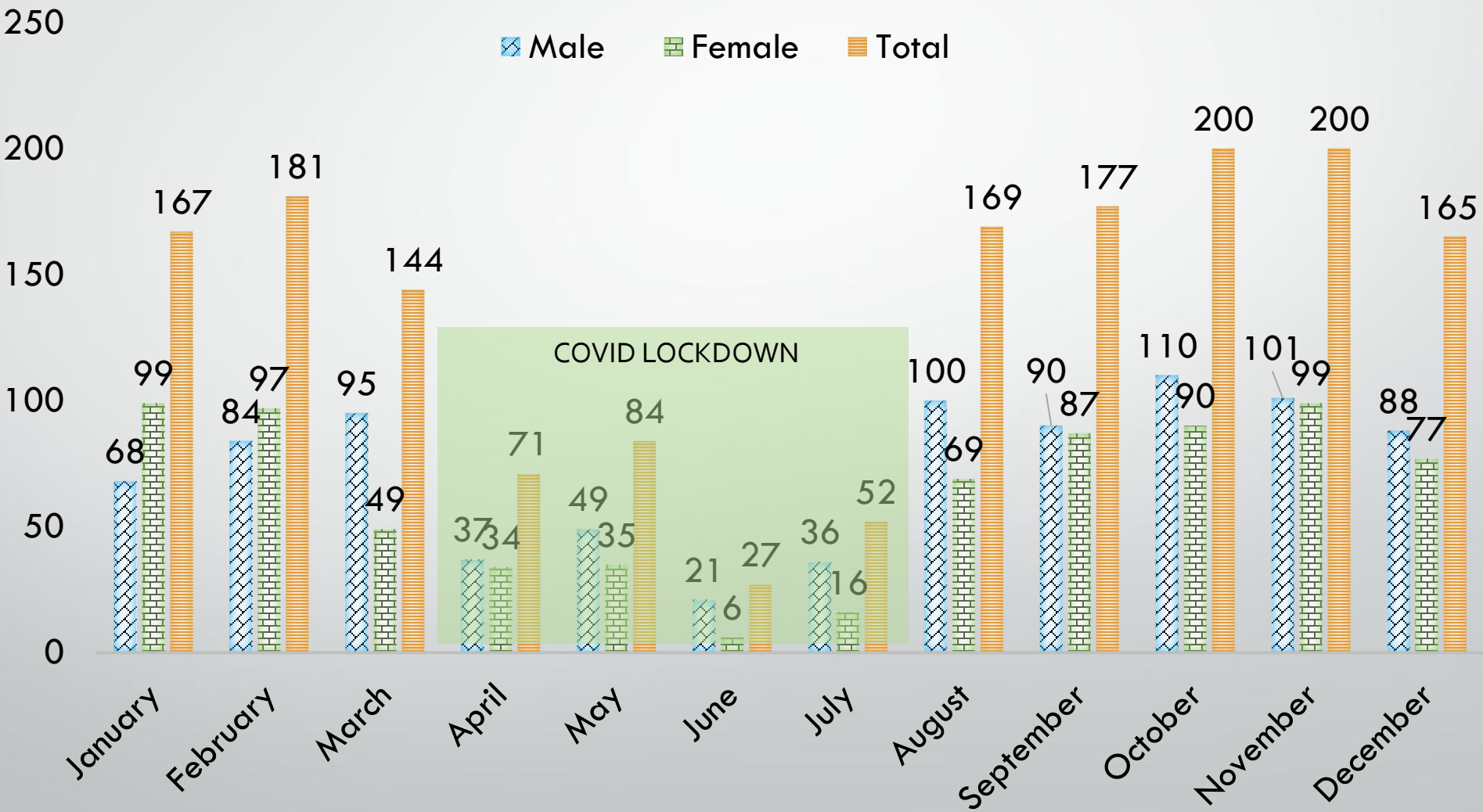
1637

Total Admissions

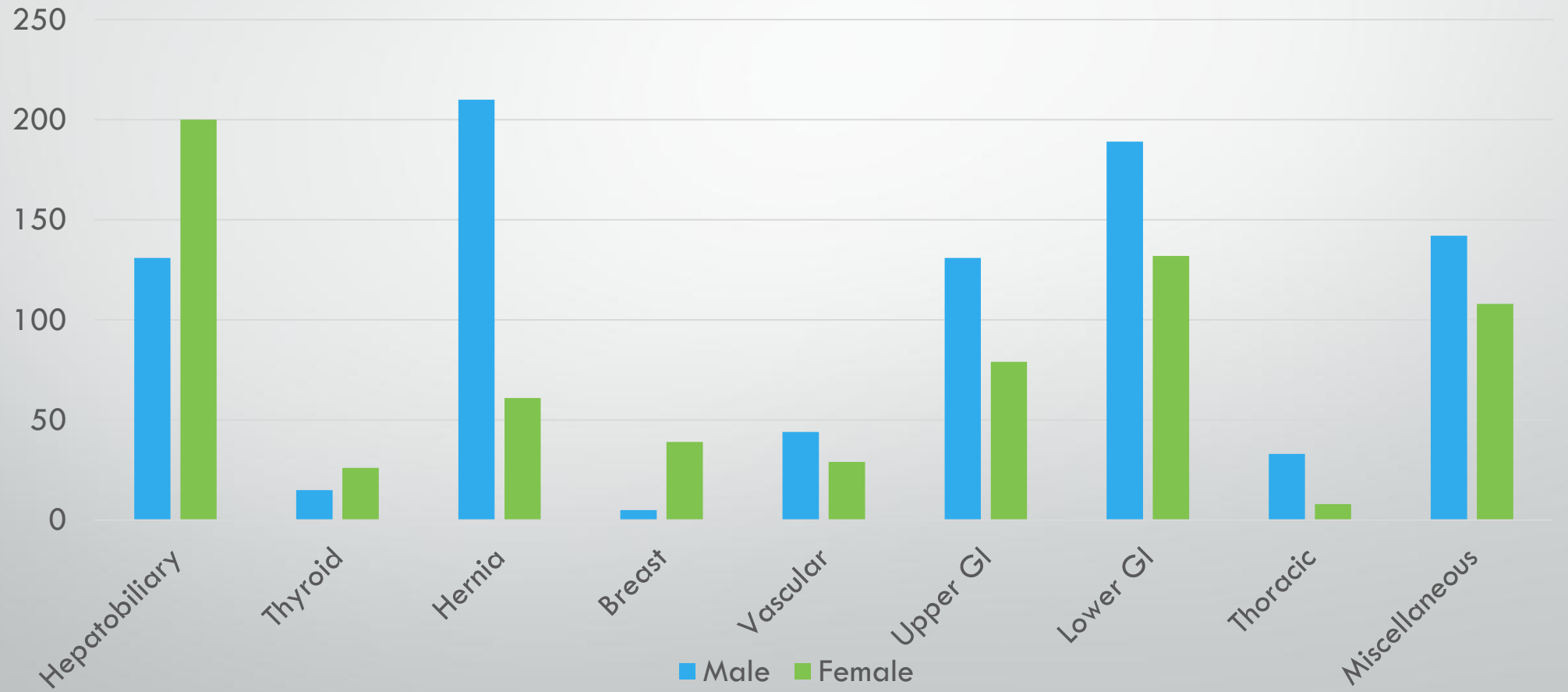




# Total Patients : Month-wise



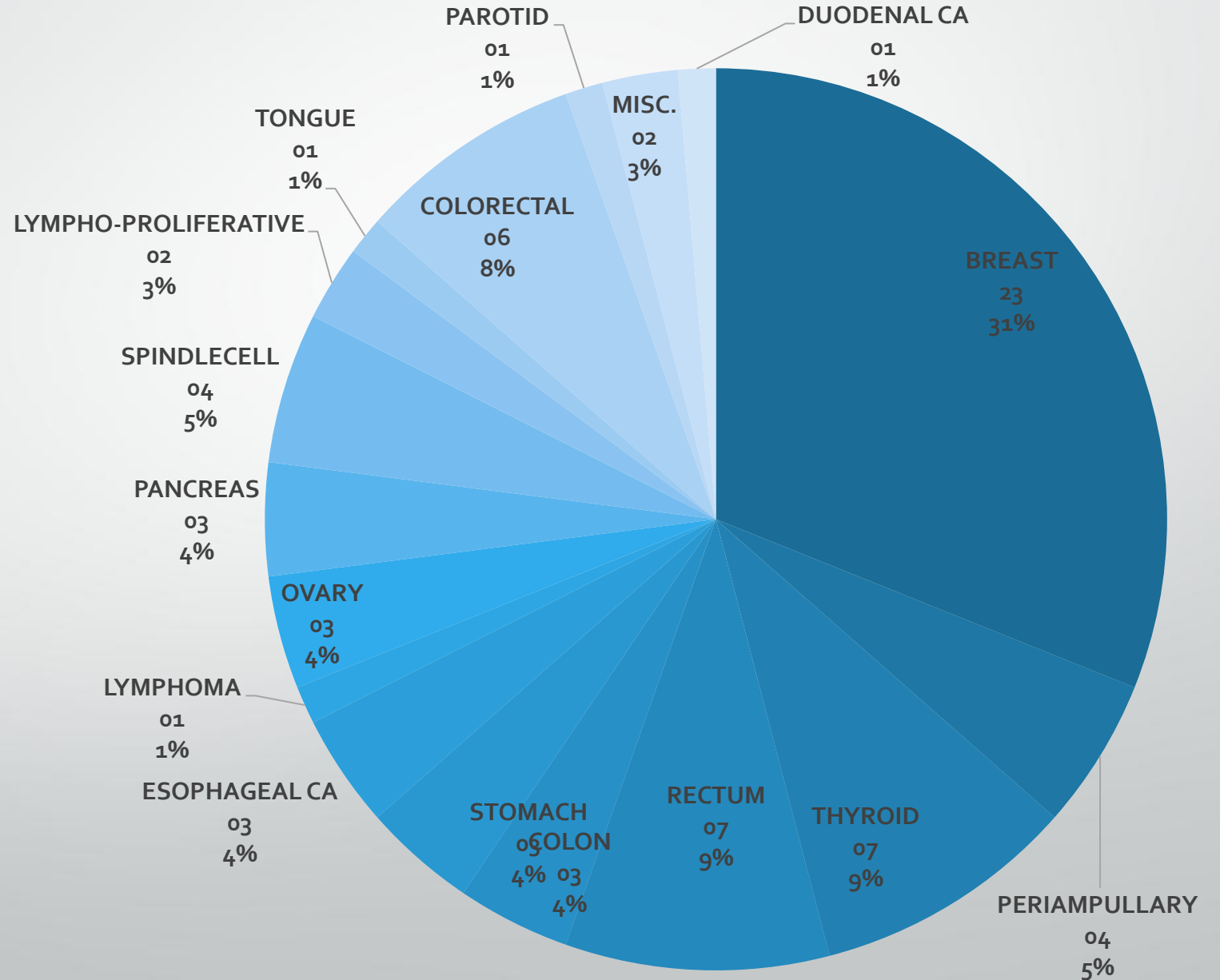
# System Wise Admissions



# Malignancy Cases Data

n : 74

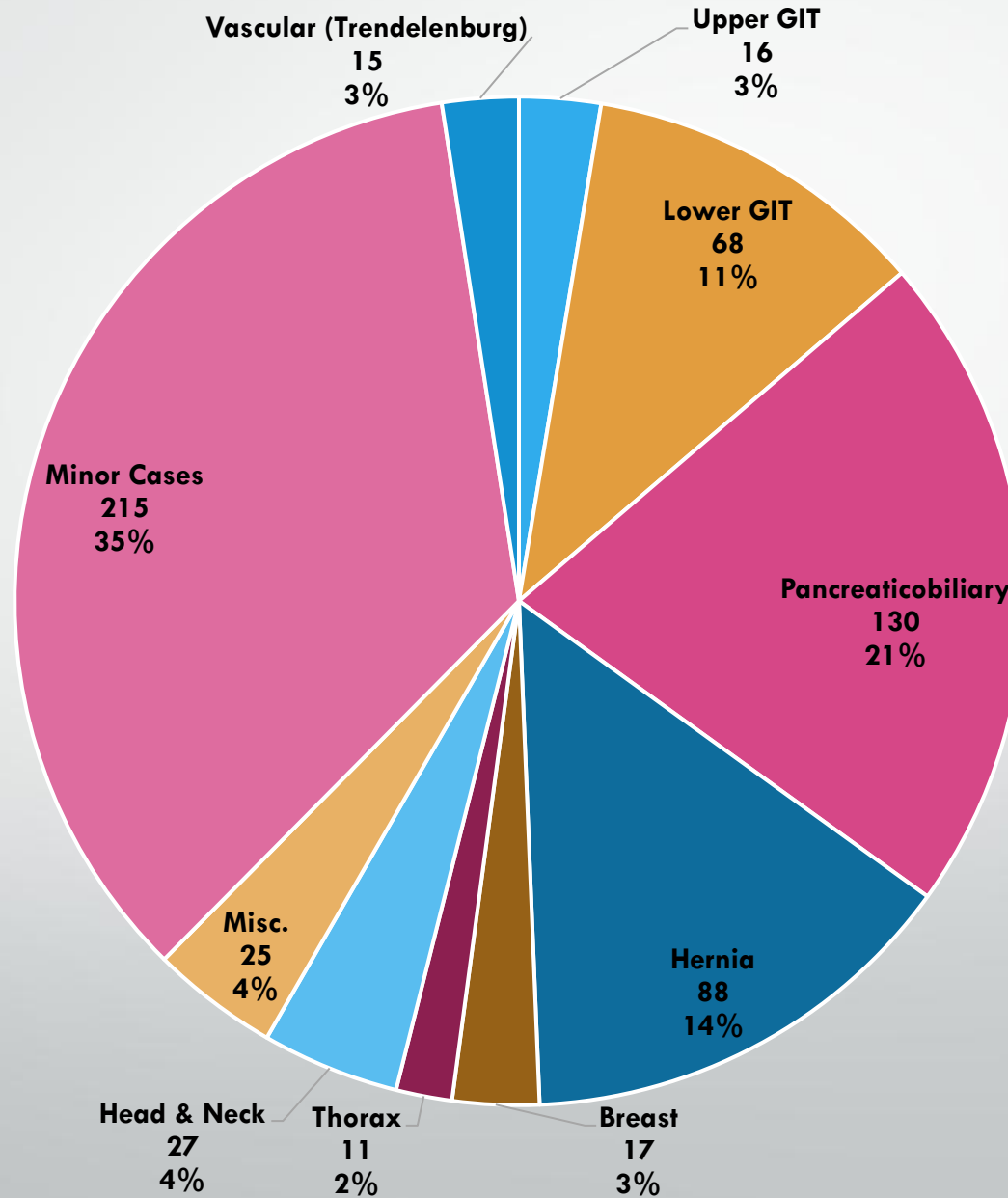
- BREAST
- PERIAMPULLARY
- THYROID
- RECTUM
- COLON
- STOMACH
- ESOPHAGEAL CA
- LYMPHOMA
- OVARY
- PANCREAS
- SPINDLECELL
- LYMPHO-PROLIFERATIVE
- TONGUE
- COLORECTAL
- PAROTID
- MISC.
- DUODENAL CA



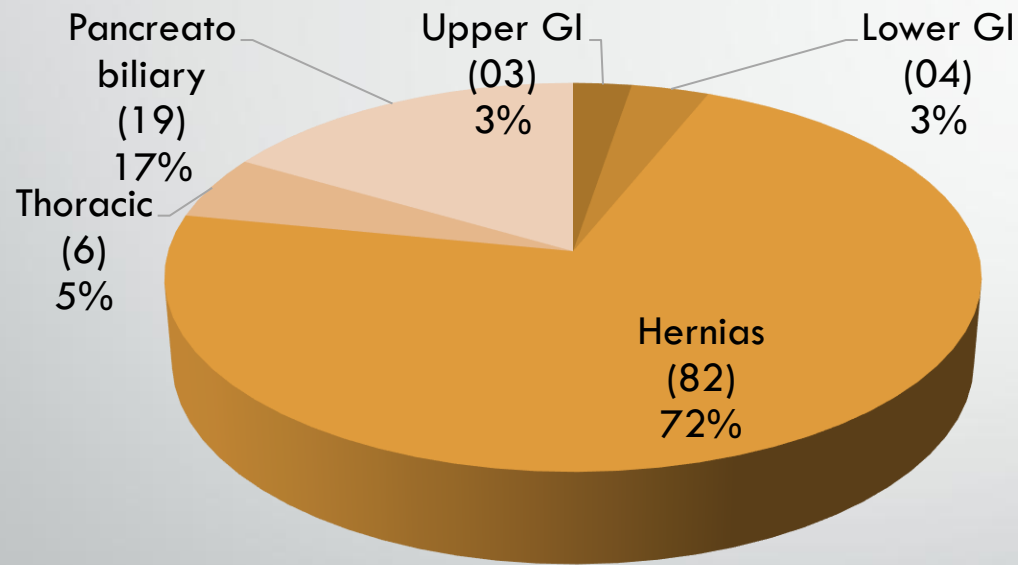


# Elective Surgeries

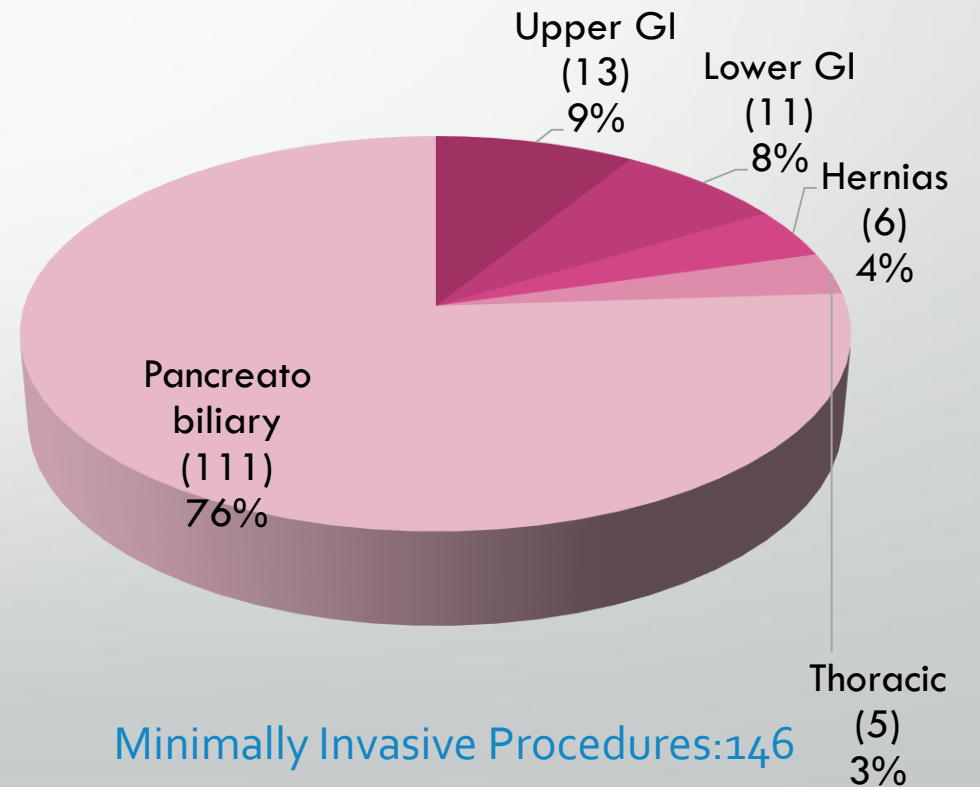
n: 612



# Elective Thoraco-Abdominal Procedures



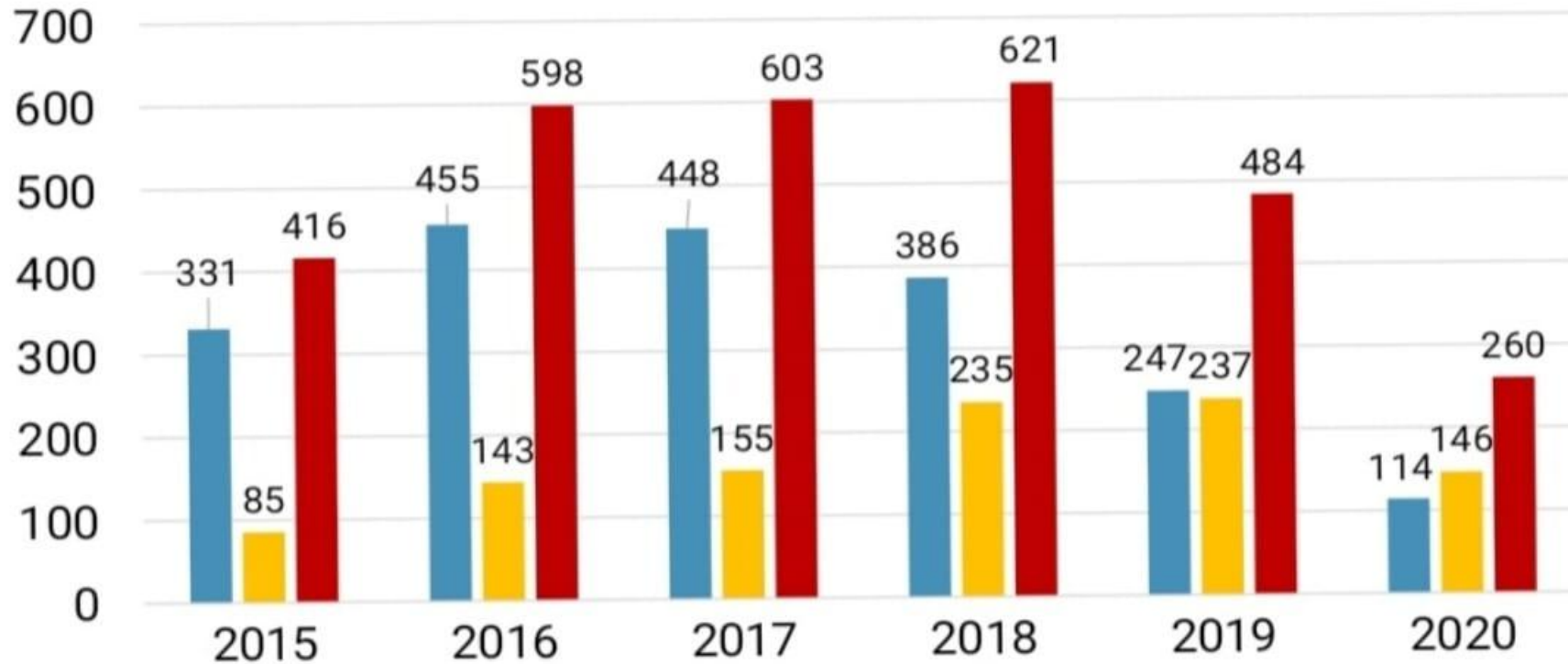
Open Procedures: 114



Minimally Invasive Procedures: 146

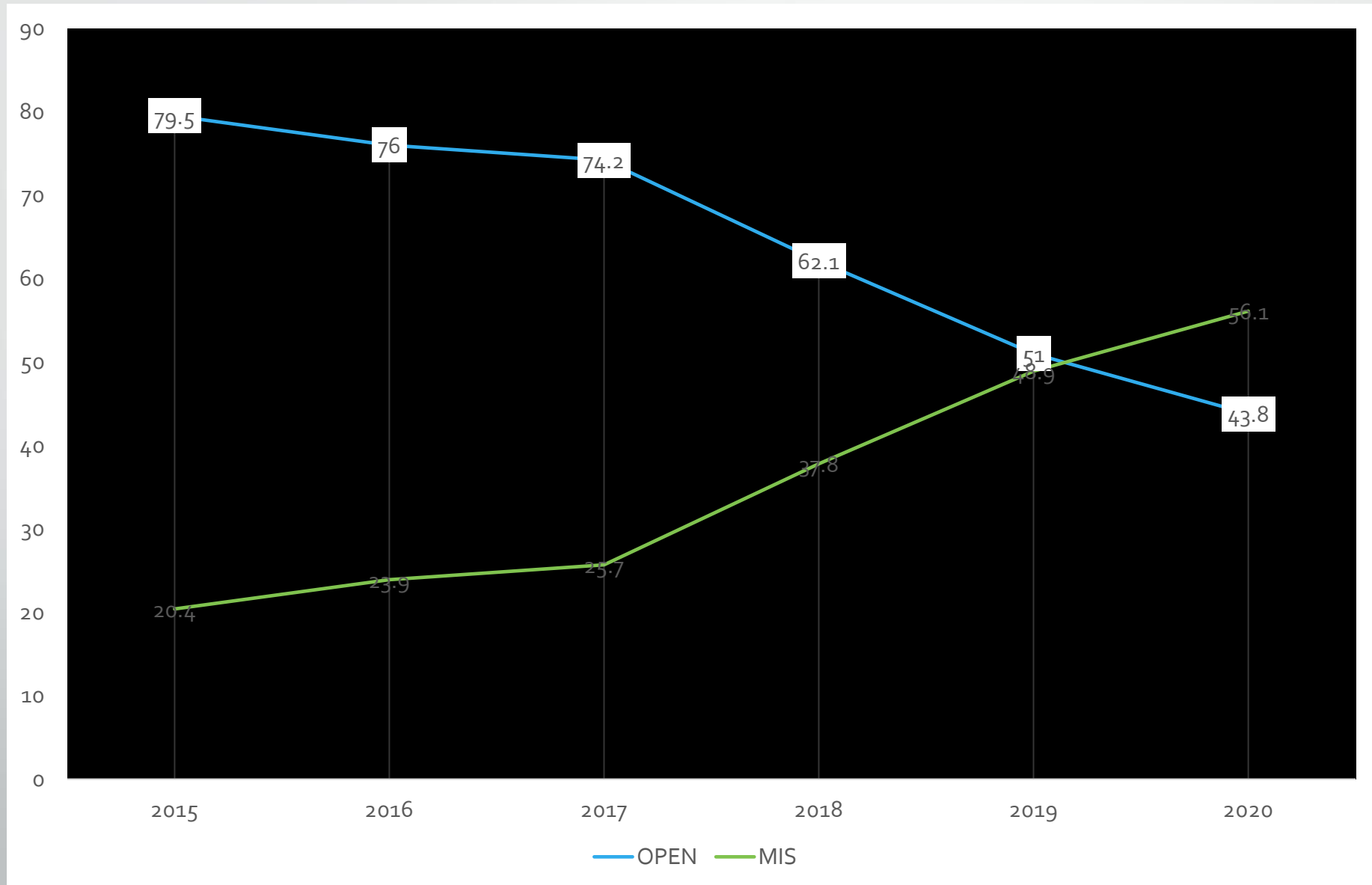
# MIS vs Open : 5-Year Data

## Open vs Minimal Access Thoracoabdominal cases



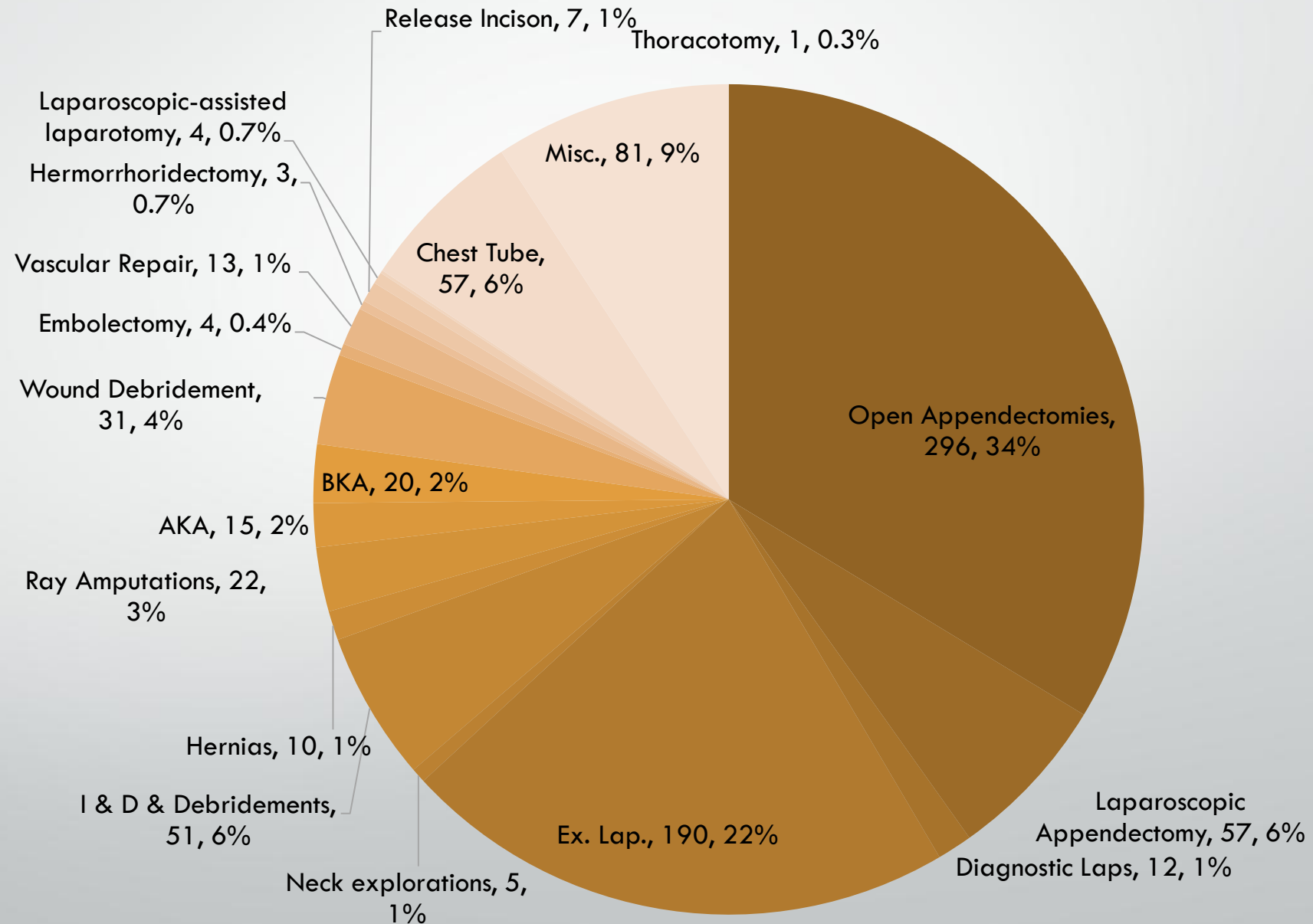
- Open Elective Thoracoabdominal Cases (including Hernia)
- Minimal Access Surgery Thoracoabdominal Cases (including Hernia)
- Total Cases

# MIS vs Open : 5-Year Data

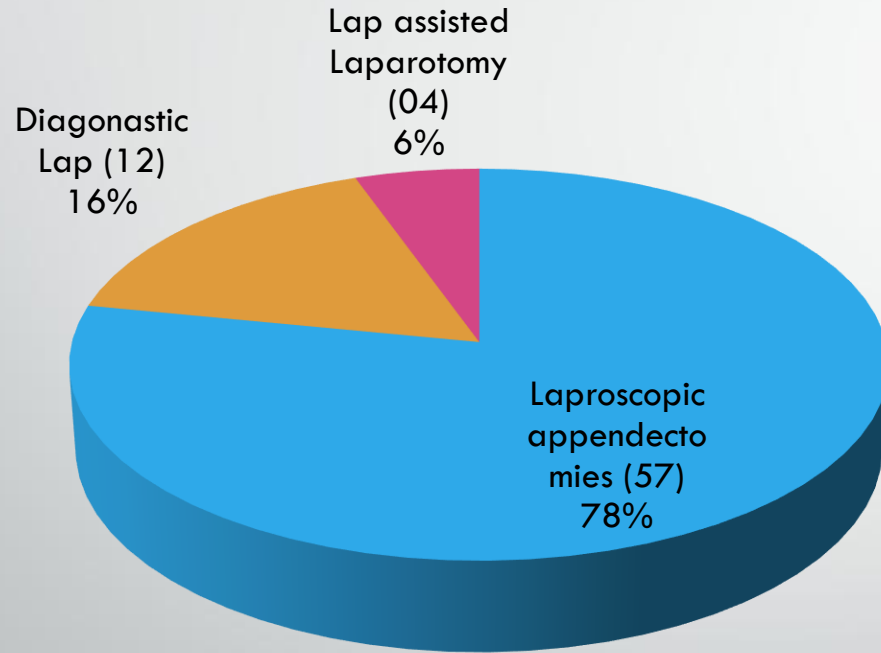


# Emergency Surgeries

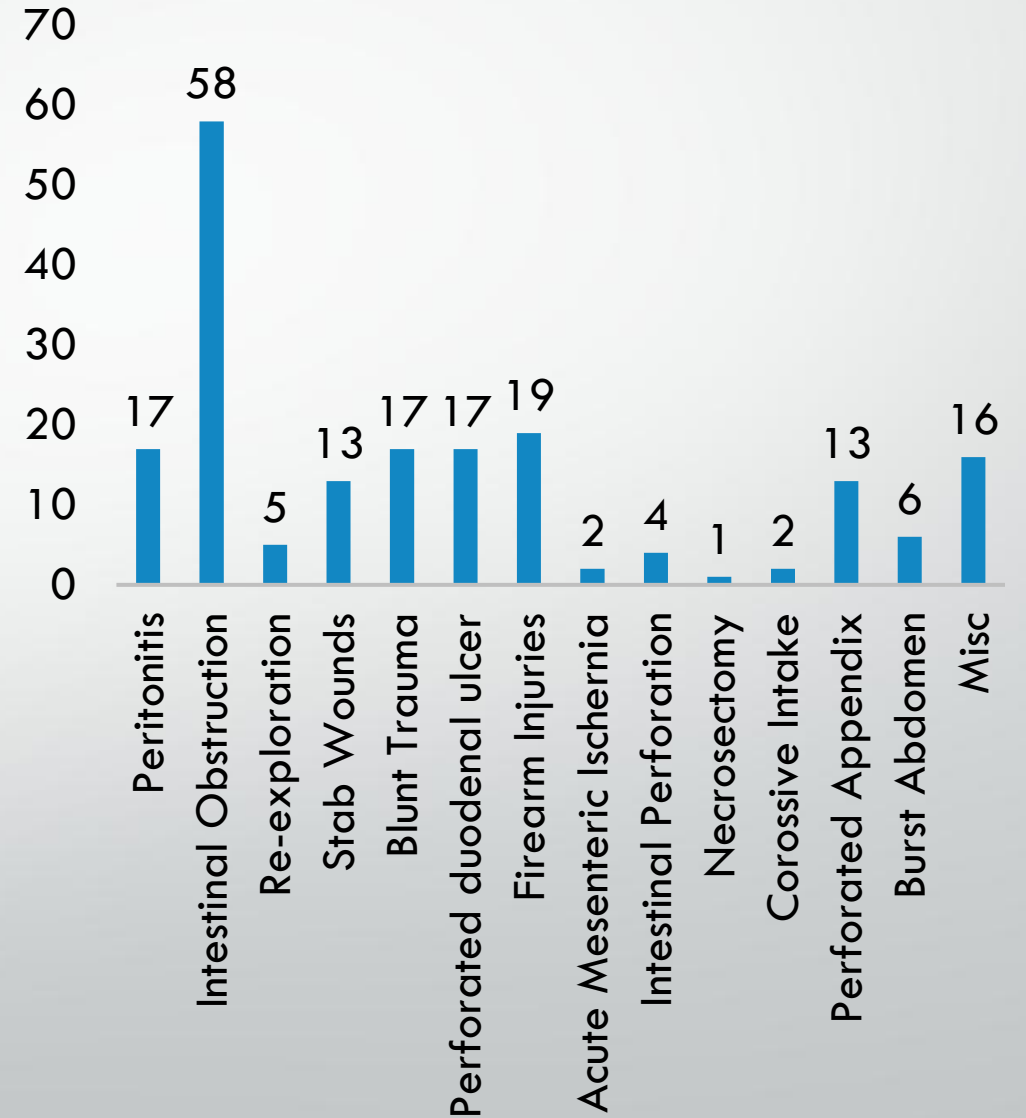
- Total number of ER cases : 879



## Emergency Laparoscopic Surgeries: 73

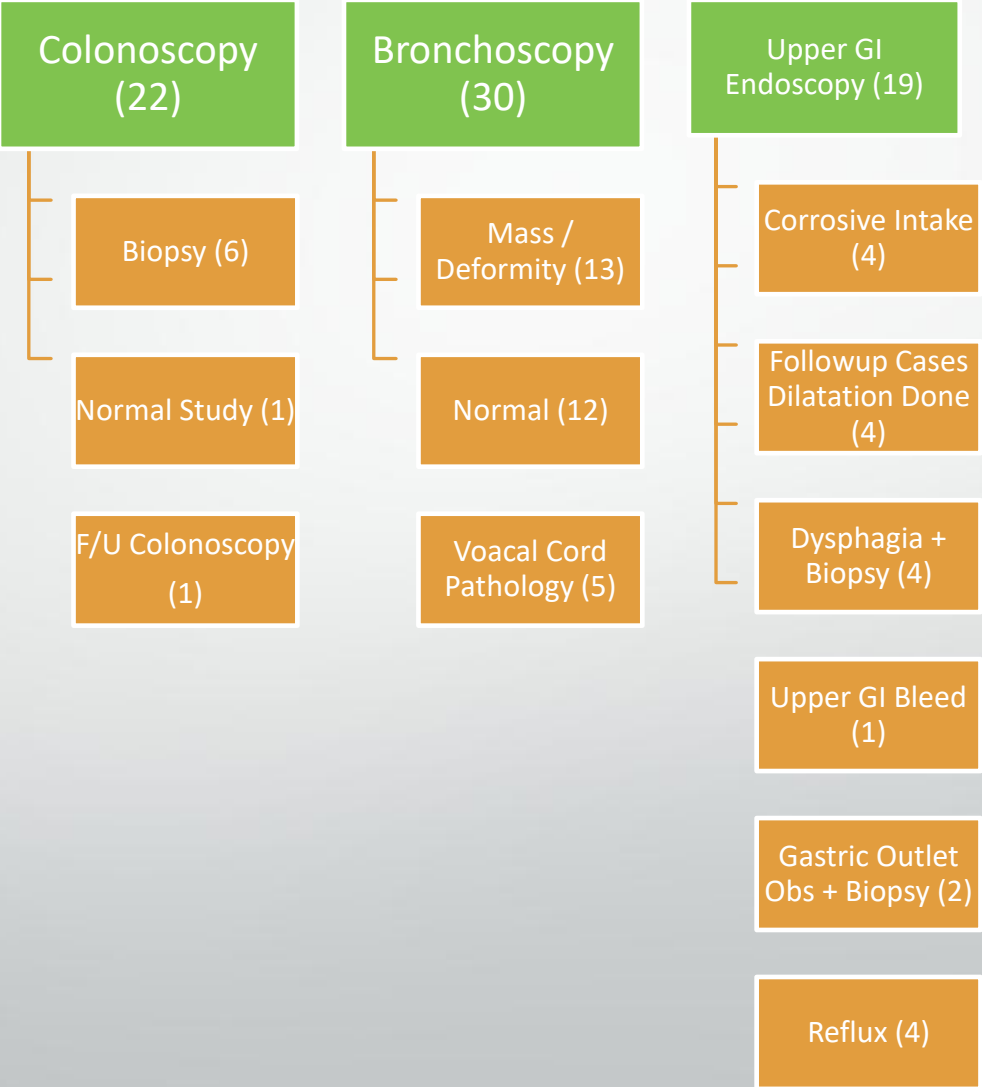


## Exploratory laparotomies: 190

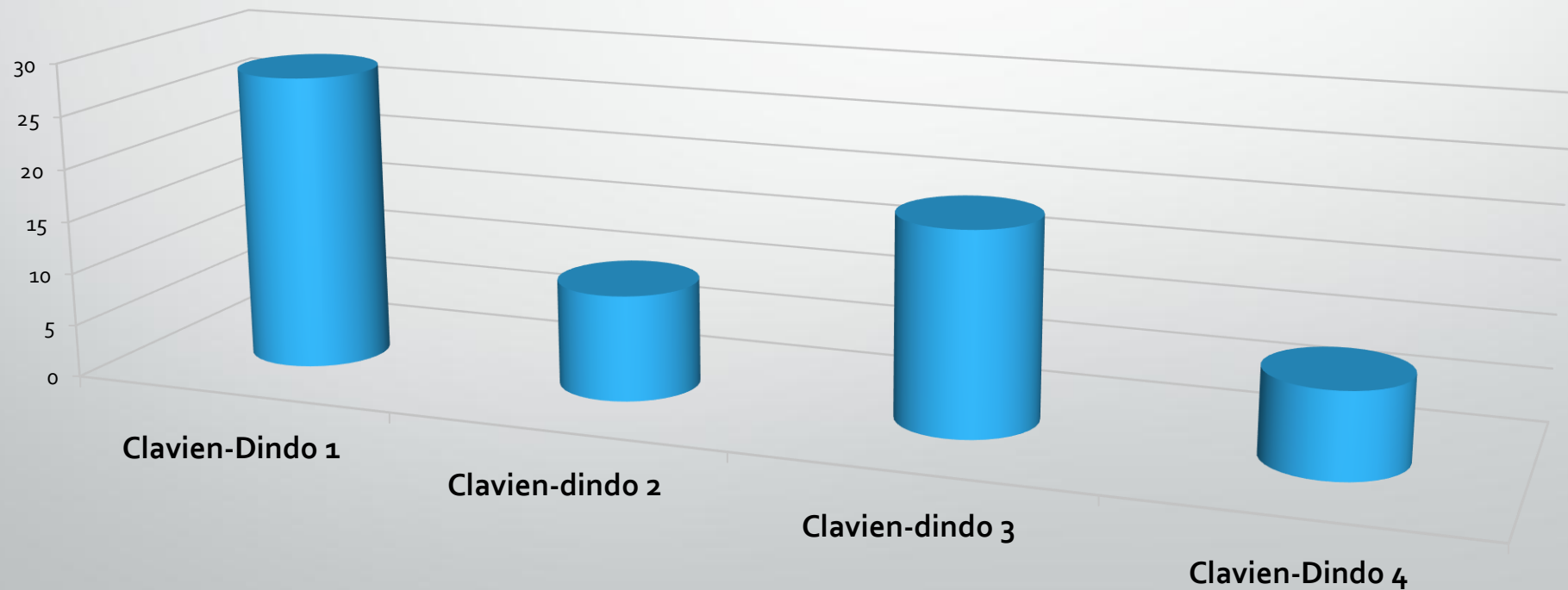




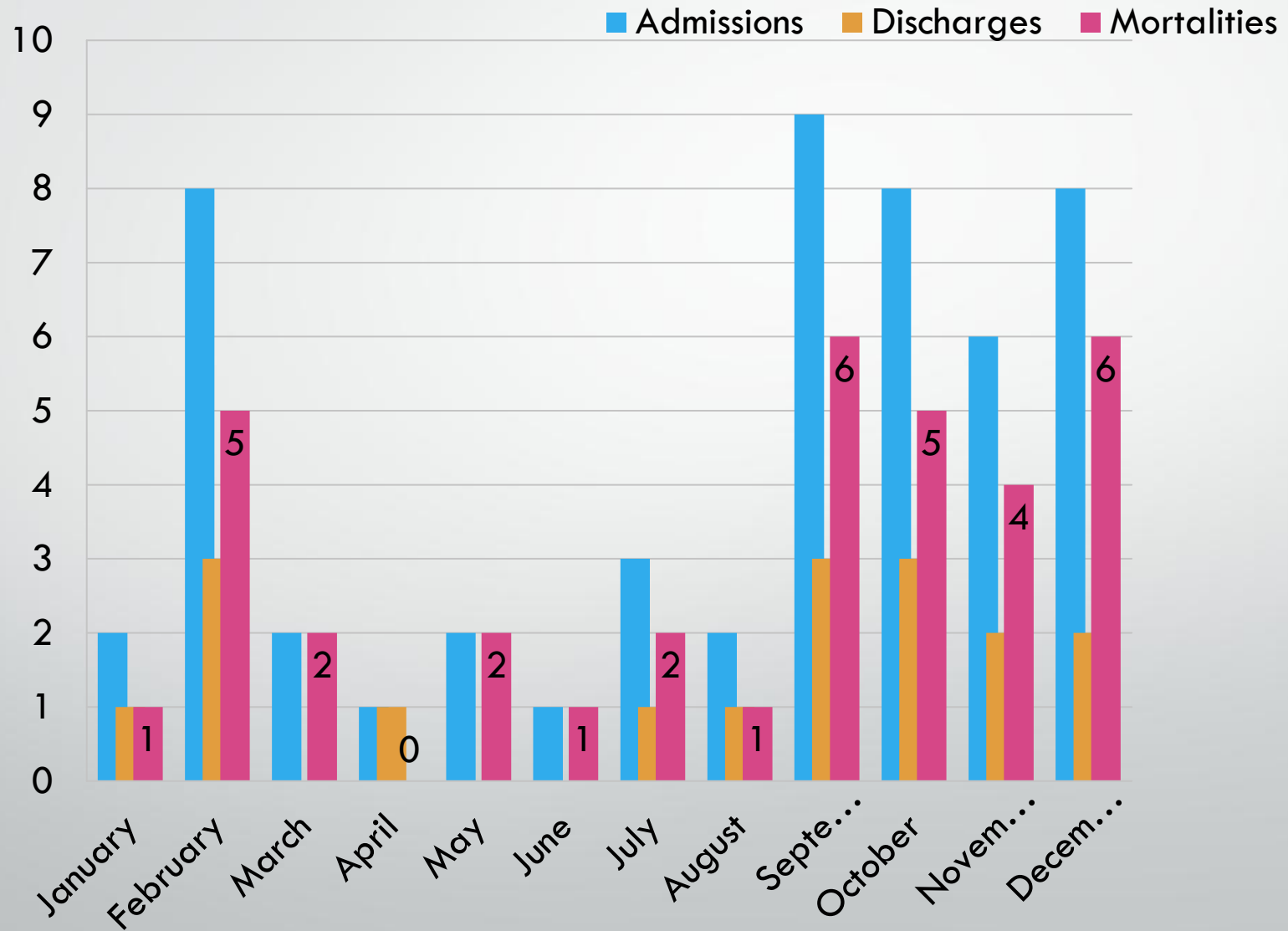
# Endoscopic Procedures (71)



# Ward & Follow-Up Cases Morbidity



# SICU STATISTICS



# Performance Indicators

- Average length of stay: 5.3 days
- Average time on waiting list: 3.8 days
- All cause mortality: 02%
- Un-planned reoperations: 11



# RESEARCHGATE SCORES

## RESEARCHGATE SCORES OF SURGICAL UNIT II BBH

NAME	DESIGNATION	RG SCORE
Dr. Muhammad Hanif	Professor	13.46
Dr. Naveed Akhtar Malik	Associate Professor	1.48 (All research projects not uploaded)
Dr. Asaf Alavi	Assistant Professor	Pending
Dr. Aurangzeb Khan	Assistant Professor	Pending
Dr. Huma Sabir Khan	Assistant Professor	12.71
Dr. Salman Ahmad	Senior Registrar	9.28
Dr. Muhammad Hamza	Resident	11.8
Dr. Saad Sarfraz Janjua	Resident	0.95
Dr. Hamza Waqar	House Officer	7.53
<b>Total RG score of SU II</b>		<b>57.21</b>





# **RESEARCH PROPOSALS OF SURGICAL UNIT II**

# FACULTY PROJECTS

TOPICS	FACULTY
Comparison of Ranson, CTSI & Bicaps score in predicting severity of acute pancreatitis	Professor Muhammad Hanif
Comparison of short term patient well being between modified Limberg with Karydakis flap procedure in patients of pilonidal sinus disease	Dr. Naveed Akhtar Malik
Therapeutic effect of N-acetyl cysteine on liver enzymes & other biochemical variables in a patient with obstructive jaundice	Dr. Huma Sabir Khan
Outcomes of VATS in empyema thoracis in transition	Dr. Huma Sabir Khan
Incidence of esophageal strictures after corrosive intake	Dr. Huma Sabir Khan
Causes of cancelations on the day of surgery at a tertiary teaching hospital	Dr. Muhammad Salman Shafique Dr. Saira Khan

# FACULTY PROJECTS

Topics	Faculty
Laparoscopic cholecystectomy / Laparoscopic common bile duct exploration versus Laparoscopic cholecystectomy / Laparoscopic common bile duct exploration after failed ERCP	Dr. Ruqia Mushtaq

# RESIDENTS PROJECTS

TOPICS	RESIDENT
To compare Desarda technique & Darn repair for obstructed inguinal hernia in emergency settings in terms of mean operative time.	Dr Zaigham
Comparison of difficulty index of early cholecystectomy in acute cholecystitis and acute mild biliary pancreatitis	Dr Saira Khan
Single-stage laparoscopic common bile duct exploration and cholecystectomy versus two-stage endoscopic stone extraction followed by laparoscopic cholecystectomy for patients with concomitant gallbladder stones and common bile duct stones	Dr Umer Javed
Role of diagnostic laparoscopy in chronic and recurrent abdominal pain	Dr. Usman Shafique

# RESIDENTS PROJECTS

Comparison between stapled hemorrhoidopexy and Milligan Morgan hemorrhoidectomy in 3 <sup>rd</sup> degree hemorrhoids in terms of postoperative pain	Dr. Naveed Ahmed
Comparison of Intra-incisional Vs Intraperitoneal Infiltration of 0.25% Bupivacaine for Controlling Early Post-Operative Pain After Laparoscopic Cholecystectomy	Dr. Saad Sarfraz
Prospective randomized trial comparing efficacy and surgical outcomes of harmonic scalpel and conventional knot tying for vessel ligation in thyroid surgery	Dr. Ibia Nawaz
Diagnostic accuracy of serum CA19-9 levels in diagnosing malignancy in patients of obstructive jaundice taking histopathology as gold standard	Dr. Suman Amir

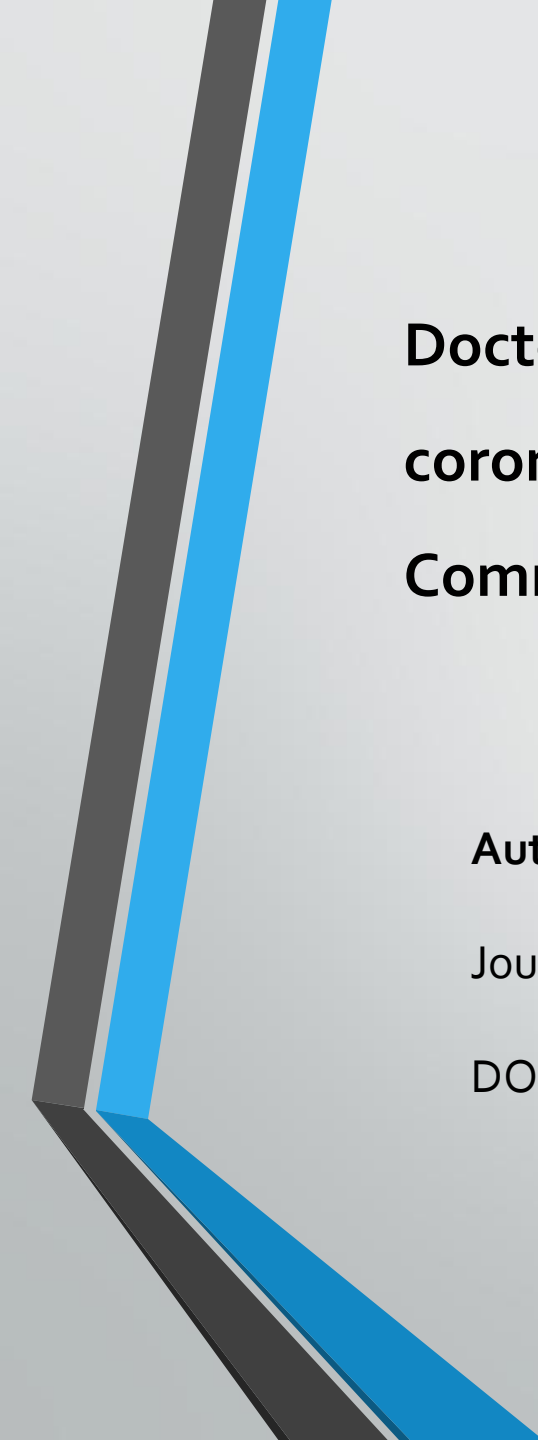
# RESIDENTS PROJECTS

Comparing outcomes of diathermy versus conventional scalpel skin incision in modified radical mastectomy	Dr. Iffat Noreen
Evaluation of the diagnostic value of serum bilirubin level to diagnose acute appendicitis in suspected patients	Dr. Rai Amir
To compare the mean hospital stay between early versus delayed stoma closure	Dr. Ammara Riaz
Effect of Spongostan soaked with 0.5% Bupivacaine at the Surgical wound for Post-Operative Pain relief after Laparoscopic Cholecystectomy	Dr. Muhammad Hamza





# **OUR PUBLICATIONS IN 2020**

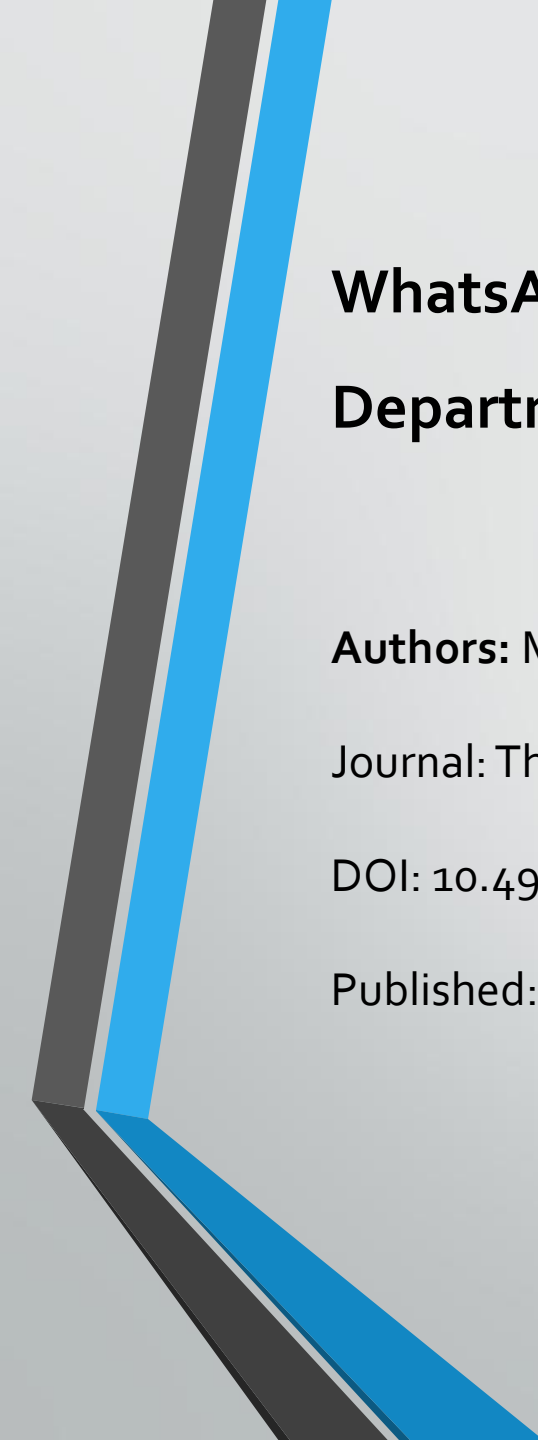


**Doctor-patient communication in surgical practice during the coronavirus (COVID-19) pandemic: WhatsApp for Doctor-Patient Communication during COVID-19 Pandemic.**

**Authors:** Muhammad Hamza, Huma Sabir Khan, Zain Ali Sattar, Muhammad Hanif

**Journal:** British Journal of Surgery (PubMed, PMC, Impact Factor 5.6)

**DOI:** [10.1002/bjs.11661](https://doi.org/10.1002/bjs.11661) **Published:** May, 2020



# WhatsApp Groups; an Effective way of Intra-Departmental and Inter-Departmental Communication regarding Patient Consultations.

**Authors:** Muhammad Hamza, Huma Sabir Khan, Muhammad Hanif

Journal: The Journal of the Royal College of Physicians of Edinburgh(PubMed, PMC,Impact Factor 1.1)

DOI: [10.4997/JRCPE.2020.125](https://doi.org/10.4997/JRCPE.2020.125)

Published: March, 2020

# Mesenteric Ischemia due to Thrombosis Involving the Aorta, Celiac Artery, and Superior Mesenteric Artery in a Young Female with Protein C Deficiency

**Authors:** Muhammad Hamza, Huma Sabir Khan, Amna Arshad, Muhammad Ahmed, Muhammad Hanif

Journal: Cureus Medical Journal (PubMed, PMC, S Factor)

DOI: [10.7759/cureus.6151](https://doi.org/10.7759/cureus.6151)

Published: November 14, 2019



## **Brucellosis As a Cause of Intestinal Perforation**

**Authors:** Iffat Noureen, Muhammad Hamza, Huma Sabir Khan, Saleha Khan, Muhammad Hanif

Journal: Cureus Medical Journal (PubMed, PMC, S Factor)

DOI: [10.7759/cureus.7075](https://doi.org/10.7759/cureus.7075)

Published: February 22, 2020

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## Hydatid disease with pseudo-aneurysm formation of the descending thoracic aorta: a case report

Article

Full-text available

August 2021 · International Surgery Journal

 Ruqia Mushtaq ·  Fatima Rauf ·  Muhammad Hanif ·  Aqsa Ameer

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Add supplementary resources






## Extra-pelvic endometriosis presenting as recurrent hepatic cyst: case report and literature review

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Full-text available

August 2021 · International Journal of Spine Surgery

 Ruqia Mushtaq ·  Aqsa Ameer ·  Muhammad Hanif ·  Fatima Rauf

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## Spectrum of surgical site infection on the surgical floor; Increasing resistance to routine antibiotics.

Article

Full-text available

June 2021 · Journal of Rawalpindi Medical College







## Tuberculosis - A Diagnostic Challenge

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December 2020 · 3rd RMU Annual Resident Research C...

 Kamran Aslam ·  Abdullah Sadiq ·   
Saad Janjua · [...] ·  Muhammad Hanif

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## Intra-abdominal Hypertension and Abdominal Compartment Syndrome in patients undergoing emergency laparotomy

Article

Full-text available

September 2020 · Journal of Rawalpindi Medical College

 Malik Irfan Ahmed ·  Muhammad Waqas Raza ·  Fazal Hussain Shah · [...] ·  Muhammad Mussadiq Khan

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## SPECIALITY SURGICAL CLINICS AT BENAZIR BHUTTO HOSPITAL , RAWALPINDI , PAKISTAN

Preprint

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December 2020

 Hamza Waqar Bhatti ·  Muhammad Hanif ·   
Muhammad Salman Shafique ·  Ruqia Mushtaq

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## LAPAROSCOPIC CBD EXPLORATION AFTER FAILED ERCP-OUR EXPERIENCE

Conference Paper

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 Ruqia Mushtaq ·  Hamza Waqar Bhatti ·   
Muhammad Hanif

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## Gastrojejunostomy pull up in patients of Esophagectomy for corrosive intake

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 Muhammad Salman Shafique ·   
Huma Sabir Khan ·  Naveed Akhtar

# VIDEO ASSISTED THORACOSCOPIC (VATS) EXCISION OF A MEDIASTINAL MASS- OOPS IT'S A TERATOMA!

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December 2020 · 3RD ANNUAL RESIDENT RESEARCH ...

 Fouzia Basharat ·  Hamza Waqar  
Bhatti ·  Umer Javed · [...] ·   
Muhammad Hanif

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## Acute Pancreatitis severity scoring index: Prospective study to identify determinants in Pakistan

Article

Private full-text

September 2020 · Journal of Rawalpindi Medical College

 Tanveer Hussain ·  Muhammad Hanif ·  Ramlah Ghazanfor · [...] ·  Muhammad Umar - Shafique

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