

INFORMATION BROCHURE: 2023-2024



**DR D.Y. PATIL MEDICAL COLLEGE, HOSPITAL AND
RESEARCH CENTRE, PIMPRI, PUNE.**

DEPARTMENT OF GENERAL SURGERY



Dr. (Mrs.) D.S. Nirhale

Professor & Head of Department

**Dr. D.Y. Patil Medical College,
Hospital & Research Centre,
Pimpri, Pune**

MESSAGE FROM THE DEAN

I am delighted to acknowledge the Department of General Surgery's outstanding contributions to our institution's mission. Your commitment to delivering exceptional patient care, innovative research, and rigorous education is truly commendable.

As we move forward, I encourage you to:

1. Pursue interdisciplinary collaboration and research initiatives.
2. Develop innovative educational programs and training methodologies.
3. Foster a culture of inclusivity, diversity, and well-being.
4. Continue to prioritize patient-centred care and community outreach.

Our institution is proud to support your endeavours, and I look forward to witnessing your future achievements.

MESSAGE FROM THE HEAD OF DEPARTMENT

I am honoured to lead this esteemed Department of General Surgery, where excellence in patient care, education, and research is our guiding principle. Our department's rich legacy is built on the foundation of dedication, innovation, and teamwork.

As we continue to navigate the complexities of modern healthcare, I encourage each of you to:

1. Embrace lifelong learning and stay updated on the latest surgical advancements.
2. Foster a culture of compassion, empathy, and respect for our patients and colleagues.
3. Strive for excellence in surgical outcomes, patient safety, and quality improvement.
4. Mentor and support our junior residents, nurturing the next generation of surgical leaders.

Together, let us continue to elevate our department's reputation and make a meaningful impact on the lives of our

OUR MISSION

“Strive for Excellence”

The vision of our department is to produce competent and self-reliant surgeons who are not only up-to-date with the most recent trends in surgical practice but are also avid researchers and leaders.

Our department strives to provide immaculate theoretical and practical surgical training to all Undergraduates and Postgraduates, under the purview of the latest curriculum laid down by the National Medical Council.

It emphasizes a healthy and strong Doctor-Patient Relationship to provide comprehensive surgical care.

We strive to provide an intellectually stimulating environment for the students to learn, practice, and research in the challenging field of Surgery.



UNDERGRADUATE TRAINING

Based on CBME (Curriculum Based Medical Education)

SEMESTER	NO. OF THEORETICAL LECTURES/WEEK	NO. OF TUTORIALS/WEEK	NO. OF CLINICAL POSTINGS/WEEK	PROFESSIONAL YEAR	DURATION	NO. OF LECTURES /YEAR	NO. OF TUTORIALS /YEAR	NO. OF CLINICAL POSTINGS /YEAR
3 RD	1	-	4	2 ND	12 MONTHS	25	-	4 WEEKS
4 TH	1	-	4	3 RD PART I	13 MONTHS	25	40	4 WEEKS
6 TH	3	2	4	ELECTIVE	2 MONTHS	-	-	8 WEEKS
7 TH	3	-	4	3 RD PART II	13 MONTHS	70	140	4 WEEKS
8 TH	3	2	4					
9 TH	3	3	4					

POSTGRADUATE TRAINING

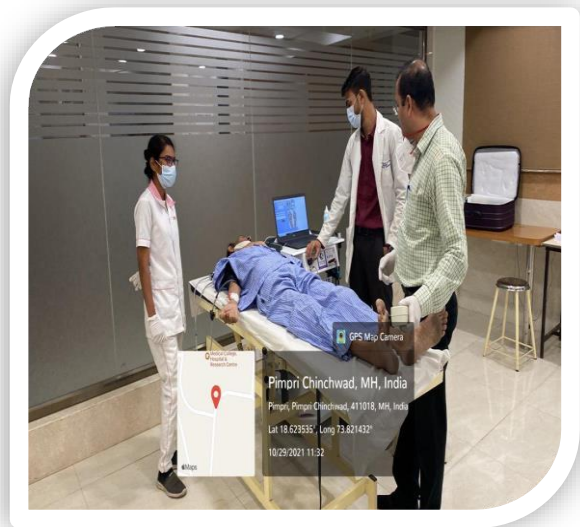
- **Number of Seats : 24 PG Students Per Year**
- **Super-specialty Rotations – Urology, Neurosurgery, ICU, CVTS, Surgical Gastroenterology, Surgical Oncology, Pediatric Surgery & Plastic Surgery**
- **District Rural Out-posting at Aundh District Hospital, Pune for 3 months as per NMC guidelines**
- **PG Activity- Long & Short Case Presentations, Journal-Clubs, Seminars, Symposia, PBL UG teaching & Scientific Presentations at Conferences.**



SPECIALTY CLINICS

SN	Specialty	Day	Time
1.	Pediatric Surgery	Mon/Wed/Fri	9am to 5pm
2.	I) Oncosurgery II) Diabetic foot clinic	Mon/Tue/Wed	9am to 5pm
3.	CTVS	Wednesday	9am to 5pm
4.	Breast Clinic	Thursday	9am to 5pm
5.	Surgical Gastroenterology	Friday	9am to 5pm
6.	I) Plastic Surgery II) Vascular Surgery	Mon-Sat	9am to 5pm 9am to 5pm

DIABETIC FOOT LAB



BREAST CLINIC ACTIVITIES

INTERNSHIP

The internship programme in the institute is coordinated by Dept. of community medicine, wherein students are posted in the General Surgery department for 45 days.



FACULTY ACHIEVEMENTS

- Organized and hosted multiple CME and Workshops at our institute including **MASICON 2022, Basic to Advance Hernia Live Workshop, CME on Diabetic foot and CME + Workshop on Vascular Anastomosis**
- Participated as an instructor for the Basic Surgical Skills Workshop organized by the Royal College of Surgeons England at the Symbiosis Centre of Health Skills.
- Received Degree Certification In FICS, FIAGES, FRCS.
- Training in CISP- Curriculum Implementation Support Program and MET
- Special Training in Diabetic Foot Care Management.
- Completion Of an Educational Program on New Horizons in Reflux Disease by The American Gastroenterology Association.
- Selected As Member of Editorial Board of many international journals.
- Members of the Panel of Examiners for The DNB Examinations
- Faculties of the Department of General Surgery moderated many scientific sessions in various Conferences across Pune & Maharashtra.
- Journey as a Thoracic Surgeon, Past, Present & Future – Dr. R. N. Das Memorial Oration at Government Medical College Nagpur

RESIDENT ACHIEVEMENTS

- Best Papers & Posters -
 - A comparative study between recombinant human epidermal growth factor vs conventional dressings in diabetic ulcers.
 - An unusual case of Adult Intussusception.
 - Laparoscopic Oesophageal Diverticulectomy with DOR Fundoplication with Cardiomyotomy.
 - Currarino syndrome- A noteworthy differential to Hirschsprung's disease.
- Many Junior Residents received multiple 1st 2nd 3rd prizes for paper and poster presentations in National Conferences all over India.
- Junior Resident Captained Dr. D. Y Medical College, Hospital & Research Centre Boys Cricket Team to win Inter College Cricket Tournament at Manipal, Bangalore, India.

Conferences & Guest Lecture Organized

Johnson and Johnson surgical training vehicle organized a training session on 8th – 9th March 2023 including “Use of staplers in laparoscopic and open surgery and Endo-trainer practice”



Many such teaching and hands-on activities are routinely organized for the constant upgradation of surgical skills of both faculties and residents



MASICON 2022 – MAHARASHTRA CHAPTER

Organized and hosted the MASICON 2022 – Live Surgical Workshop at our state-of-the-art OT complex on 28th April 2022

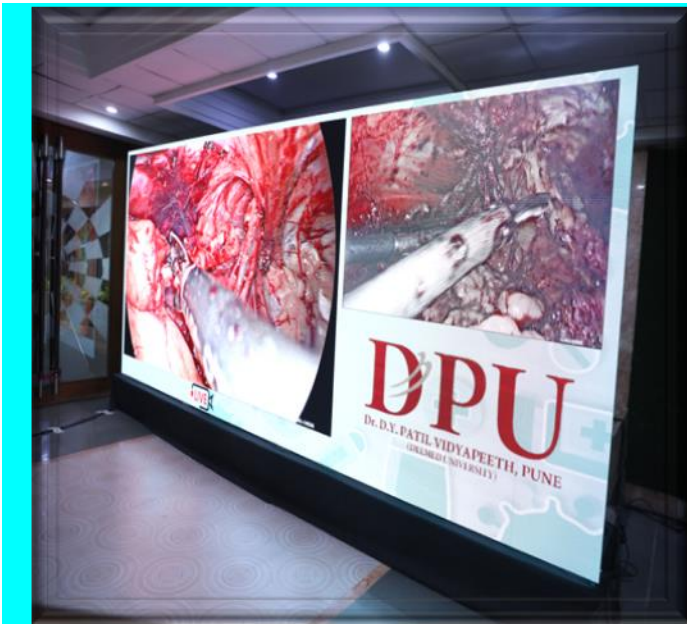


**The workshop was organized by the Dept of General Surgery on
“Suturing, Knotting & Bowel Anastomosis” on 11th – 15th March 2023
by Ethicon**



BASIC TO ADVANCED HERNIA LIVE WORKSHOP

8TH OCTOBER 2023



CME on Basic to Advanced Hernia Workshop Conducted on October 2023, In Association with AWR Surgeons.

CME ON OBESITY AND BARIATRIC SURGERY



CME on Obesity & Bariatric Surgery - Conducted in association with Johnson & Johnson

CME ON DIABETIC FOOT – 12TH APRIL 2024





CME on Diabetic Foot Surgery Update Conducted on 12th April, 2024 in Association with Diabetic Foot Society of India.

GUEST LECTURE ON PORTAL HYPERTENSION



Guest Lecture on Portal Hypertension Conducted on 6th September with Renowned Surgical Gastroenterologist, Dr. S. K. Mathur.



Inter-Collegiate General surgery PG Quiz organized by Poona Surgical Society

3rd place won by our PG students

CLINICAL MEET

Annual clinical meet organized by the Department of General Surgery and Plastic and Reconstructive surgery on 31.03.2023





Inter-Departmental Integration Activity Organized By General Surgery And Anesthesiology On 29th April 2023 - "Sedation Protocol"



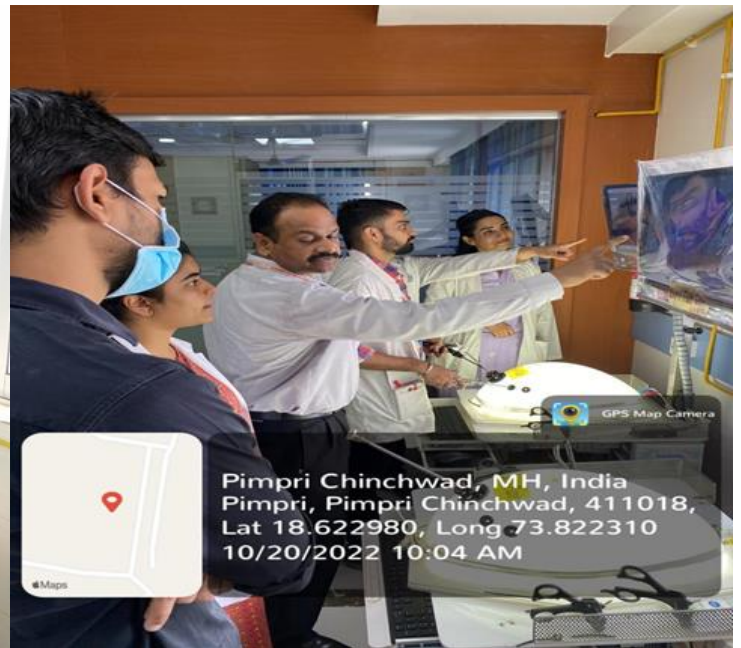


VASCULINK : A MASTERCLASS IN VASCULAR ANATOMOSIS
16TH NOVEMBER 2024



SKILLS & SIMULATION LABORATORY

- The DPU Clinical Simulation & Skills Lab is situated on the 3rd Floor of the Hi-tech hospital building.
- It has briefing & debriefing Rooms, Demonstration Rooms, Standardized Patient Simulation Rooms plus a Simulated ICU Emergency Room, Task Training Rooms, Laparoscopy and Endoscopy, and Arthroscopy Stations.
- This has High Fidelity Computerized & manual Mannequins & also has models for U G, PG, and Superspeciality Training. It has High-speed Internet and Modern Audio-Visual teaching aids.
- This is utilized for Lectures, Audio-Video presentations & online teaching sessions of the Skills Lab. The Department uses the Clinical Simulation & Skills Lab for their teaching & learning needs & is open from Monday to Saturday.



DEPARTMENTAL MUSEUM

The Museum houses a rich collection of over 150 specimens. All specimens available museum are from the cases operated in our institute and mounted in our department itself. We have also maintained a catalog that contains descriptions of all the surgical specimens. Undergraduate and postgraduate students periodically visit the museum for self-study.



DEPARTMENTAL LIBRARY

A Professor is designated as the Library In-charge. Our departmental library is well equipped with e-books, e-journals, and subscriptions which are regularly updated for academic purposes. A well-maintained inward/outward register is available. An acquisition register is also maintained. All teaching Faculty & Resident doctors are regularly utilizing this facility.



PATIENT SERVICES



Surgical OPD



Surgical Ward



OT Complex

SPECIAL EQUIPMENTS



Laparoscope



**Endoscope, Colonoscope &
Endoscopic Ultrasound**



**Robotic Surgery - DaVinci
robot available at our centre**

EXTENSION AND OUTREACH ACTIVITY

Breast Cancer Awareness Camp conducted as part of our Departmental Outreach Activities



**Breast feeding and Breast cancer awareness programme organized in the vicinity of the institute –
Under the purview of Breast clinic related activities**



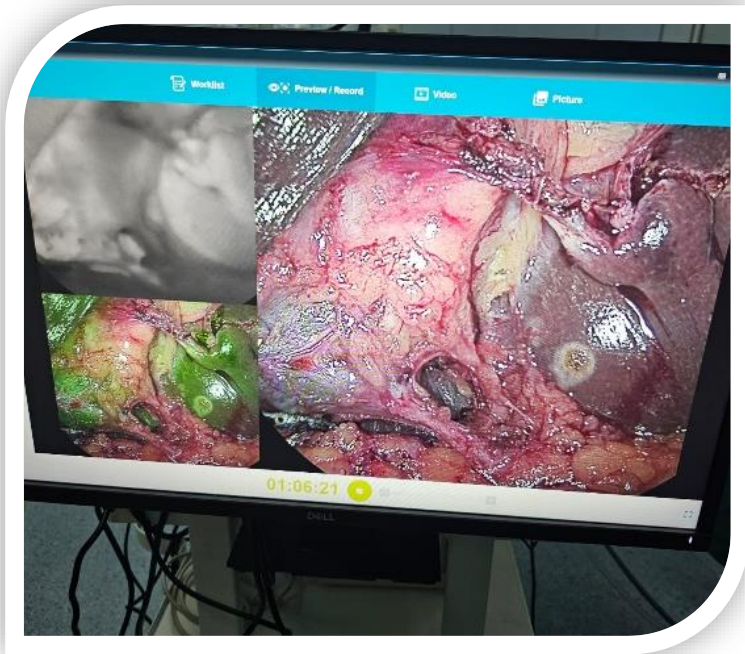
RESEARCH PUBLICATIONS

Year	Total Publications	National	International	Scopus	Pubmed	WebOf Science	IndexCobornicus	Others
2023	83	15	68	60	20	-	-	-
2024	86	20	66	60	16	-	-	-

RESEARCH ACTIVITIES

- Numerous Research Projects are underway in the department both DPU-funded as well as projects with External Funding.
- Residents and Faculties are provided with an environment, facilitating research and projects
- Undergraduate students as well are encouraged and assisted in bringing forth and performing projects in association with agencies such as ICMR etc.

INTERESTING CASES



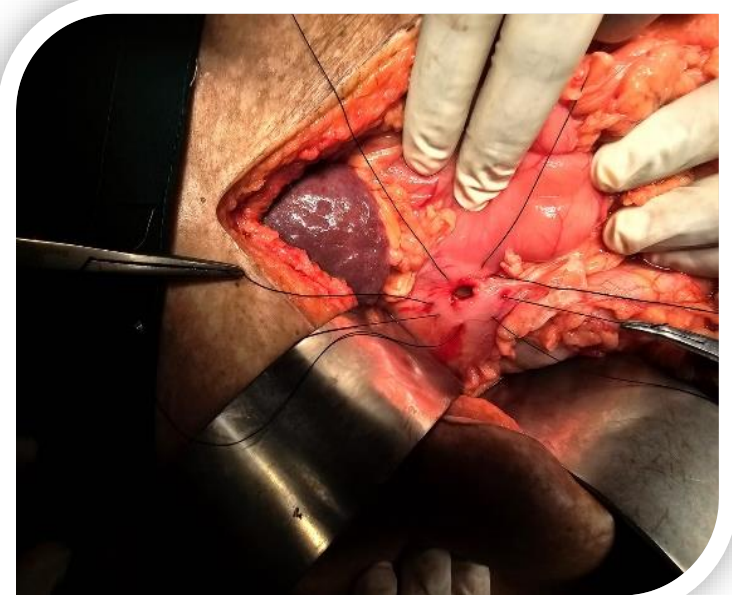
LAPAROSCOPIC CHOLECYSTECTOMY USING ICG & INTRA - OP USG



CA ALVEOLUS -COMPOSITE RESECTION



EVLA FOR VARICOSE VEINS



REPAIR OF PRE-PYLORIC PERFORATION

FUTURE PLANS

- **Department is intending to start a fellowship course focussing on vascular surgery.**
- **To expand the spectrum of Endoscopy, Advanced Laparoscopy and Robotic surgery in our department.**
- **To make our centre one of the best for wound management.**
- **To introduce and increase the exposure of students to Artificial Intelligence in both education and clinical surgical practice.**
- **Increase the purview of our outreach activities.**
- **To start cadaveric laboratory.**
- **To become a center for surgical excellence.**
- **To strengthen Surgical skills lab.**
- **To conduct International Conferences & Conclaves in the near future.**