



AIRAVAT BULLETIN

MONTHLY CHARTER

MARCH-APRIL 2026 EDITION



CASE 1

Parotid surgery is about precision. **The line- Facial nerve** is the deciding factor between the balance of radicality and functionality.

Parotid surgery is not merely gland excision – it is a disciplined exercise in **functional preservation**.

The **facial nerve (FN)** remains the single most critical structure in the operative field. Identification of the **main trunk**, followed by meticulous dissection along the **pes anserinus**, defines the safety and success of the procedure.

Every branch – **temporal, zygomatic, buccal, marginal mandibular, cervical** – carries functional significance that directly impacts a patient's quality of life, from eye closure to oral competence.

Key surgical principles:

- Early and confident identification of the FN trunk
- Gentle, bloodless dissection along anatomical planes
- Respect for nerve vascularity and avoidance of traction injury
- Clear understanding of variations and relationship with the retromandibular vein

In oncologic settings, the balance becomes even more demanding – **adequate clearance vs functional preservation**.

Because in parotid surgery, success is not just measured by resection... **but by the face that smiles after it.**

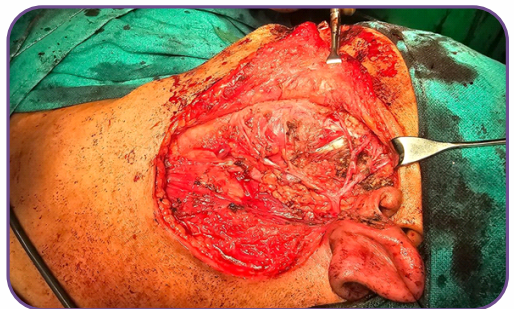
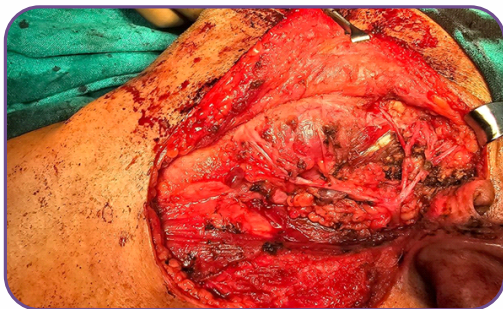
A 31 year old gentleman presented to us with a mass in left parotid region of size 3*3 cm. MRI suggestive of 33*28 mm lesion with few microcalcification noted in left parotid region. Intraparotid lymphnodes with loss of fatty hilum of size 15*8mm. multiple lymph nodes in left level 2, 3 present. Size of nodes are 23.3*12.5 mm pathological in nature.

Patient was planned for Left Superficial parotidectomy with selective left neck node dissection.

HPE s/o High grade Mucoepidermoid carcinoma.

Margins- uninvolved. PNI, LVI +nt. 3/15 LN present. ENE +ve.

pT2N2.



CASE 2

Identifying and anticipating Hepatic arterial anatomy preoperatively enhances safety of surgery.

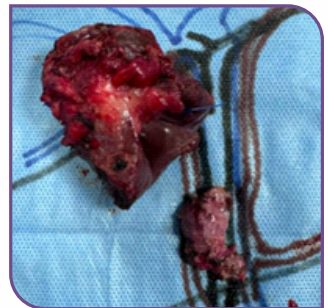
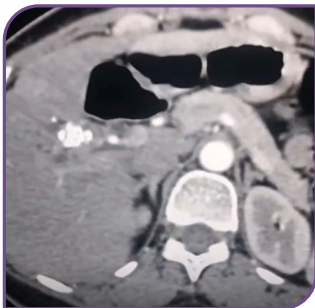
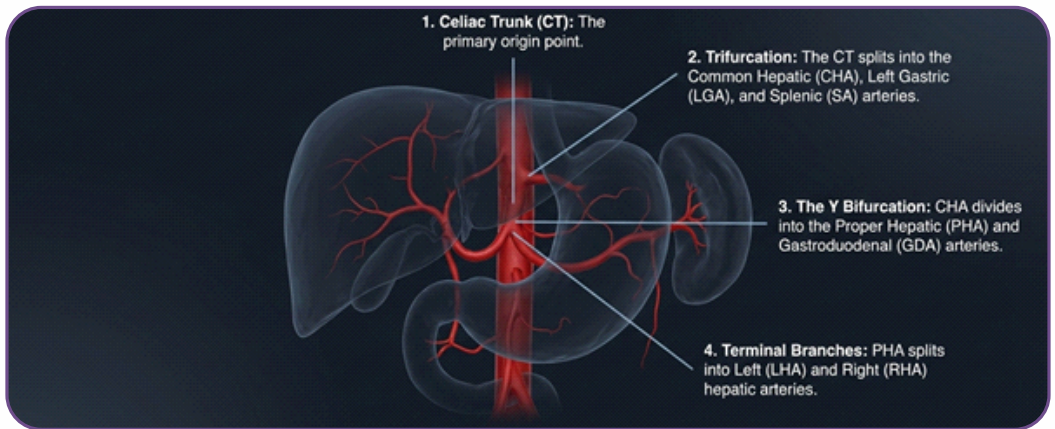
Precision of cancer surgery during radical surgery provides flawless post op care. Knowing the hepatic artery variations and planning them beforehand provides excellent surgical outcome.

A 38 year old female presented with right hypochondriac pain, diagnosed to have right GB mass lesion. CECT suggestive of Body and fundal mass infiltrating into liver lobe 5. Preoperative triple phase CT scan suggested type 3 Hepatic arterial anatomy.

CA 19-9- borderline elevated.
LFT- within normal limits.

Radical cholecystectomy done and Precise HDL dissection done.
HPE- Xanthogranulomatous Cholecystitis.
Cystic duct margin for frozen was negative.

THE CLASSICAL BASELINE: TRIPUS HALLERI



CASE 3



The Triangle Operation: Redefining Resectability in Pancreatic Surgery

The **Triangle Operation**, pioneered by **Thilo Hackert** and the **Heidelberg Group**, represents a paradigm shift in the management of Borderline Resectable (BRPC) and Locally Advanced Pancreatic Cancer (LAPC). Developed to maximize R0 resection rates following neoadjuvant therapy, the technique focuses on the systematic, en-bloc removal of the **"mesopancreas."**

Anatomical & Technical Core

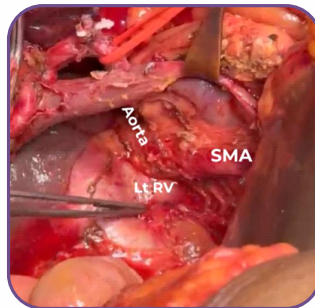
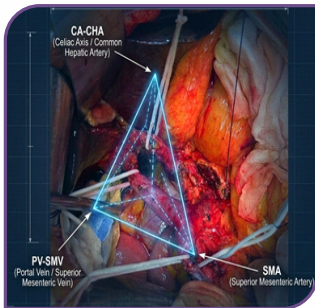
The procedure is named for the radical clearance of the triangular space bordered by the **Superior Mesenteric Artery (SMA)**, the **Celiac Axis**, and the **Portal Vein**. Unlike conventional blunt dissection, the Triangle Operation utilizes Arterial divestment—a meticulous, sharp **periadventitial dissection**. This allows surgeons to "shave" the tumor and neuro-lymphatic tissue off the arterial walls, achieving oncological clearance without the morbidity of formal arterial resection.

Clinical Impact

Oncological Superiority: It addresses the **"apical"** tissue — a frequent site of local recurrence—increasing R0 rates to over 70% in advanced cases.

Functional Outcomes: While it significantly improves survival, the extensive denervation of the SMA plexus can lead to postoperative diarrhea and chyle leaks.

Future Direction: The technique is increasingly integrated into ***robotic platforms***, where 3D visualization and wristed dexterity enhance the precision of the periadventitial plane dissection, making it a cornerstone of modern robotic surgical oncology.



CASE 4

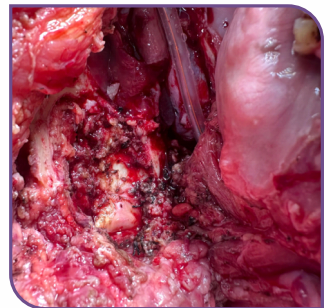
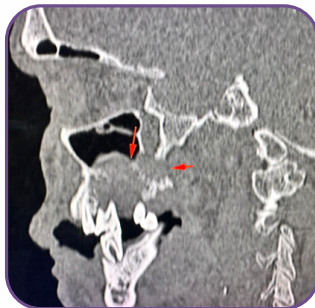
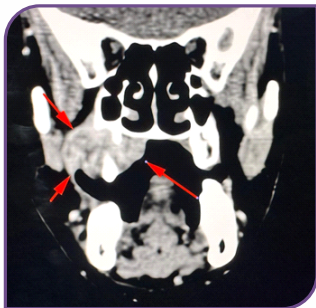
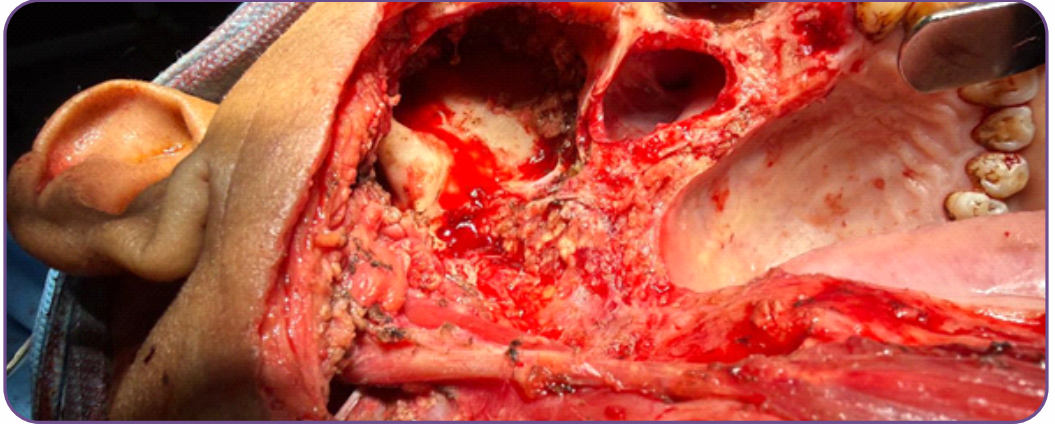
In the current era, no advanced head and neck cancer surgery is considered unresectable if you can deliver the oncological outcome with functional superiority.

Locally advanced cancers involving major vessels, adjacent organs, or deep anatomical planes often demand far more than a routine oncological operation. Procedures such as ITF (Infratemporal Fossa) resections represent the true intersection of surgical precision, anatomical mastery, multidisciplinary planning, and perioperative resilience.

These surgeries are technically demanding due to the close proximity of critical neurovascular structures, limited surgical access, and the need to achieve complete tumor clearance while preserving function whenever possible. Every case requires meticulous preoperative imaging review, operative strategy, and coordinated teamwork involving surgical oncology, anesthesia, critical care, pathology, and rehabilitation services.

A 48 year old male patients of carcinoma maxilla with ITF extension with erosion of pterygoid plates was planned for surgery.

In this particular case we resected the ITF along with the subtotal maxillectomy and pterygoid plates and humulus. Reconstruction was done with ALT flap.



ACADEMIC EVENTS

LIVE CHEMOPORT PROCTORSHIP AT PATNA MEDICAL COLLEGE

Dr. Manish Sadhwani, in collaboration with **Becton Dickinson (BD) India**, conducted a live chemoport insertion proctorship session at Patna Medical College. The program focused on demonstrating standardized techniques, procedural safety, and practical aspects of vascular access device placement to participating surgeons and trainees. The interactive session encouraged hands-on learning and highlighted the growing importance of structured training in modern oncological procedures.



CHEMOPORT TRAINING & SURGICAL PROCTORSHIP AT NARAYANA HEALTH

Dr. Ronak Vyas and Dr. Manish Sadhwani conducted a focused chemoport insertion proctorship program at Narayana Health Ahmedabad in association with **Becton Dickinson (BD) India**. Surgeons from Anand and Visnagar participated in the academic interaction and observed procedural nuances related to safe and effective chemoport placement. The initiative aimed at promoting skill development, standardization of technique, and collaborative surgical learning in oncology practice.



ACTIVITIES AND ENGAGEMENT

ACADEMIC CME COLLABORATION WITH IMA GANDHINAGAR

Doctors from **Airavat Cancer Care** actively participated in a CME and academic interaction organized in collaboration with Indian Medical Association Gandhinagar. The event served as a valuable platform for clinical discussions, knowledge sharing, and exchange of recent perspectives in cancer care and multidisciplinary management. Such academic engagements continue to strengthen professional collaboration and reinforce our commitment towards continuous medical education and evidence-based oncology practice.



INTERACTIVE AND ACADEMIC SESSIONS WITH IMA NADIAD

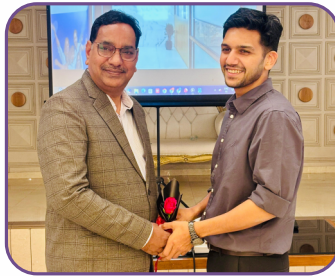
In the month of March, doctors from **Airavat Cancer Care** participated in an academic and professional interaction organized with Indian Medical Association Nadiad. During the session, the team shared the ethos, journey, and vision behind Airavat Cancer Care, highlighting its commitment towards ethical oncology practice, multidisciplinary cancer management, preventive oncology, and patient-centered care. The interaction fostered meaningful dialogue and strengthened professional connections with the regional medical fraternity.



ACTIVITIES AND ENGAGEMENT

INTERACTION WITH SABARMATI MEDICAL FOUNDATION

Doctors from **Airavat Cancer Care** participated in a unique professional interaction organized with Sabarmati Medical Foundation aimed at strengthening medical collaboration and association. The discussion centered around current oncology practices, the journey and team-building experience of Airavat Cancer Care, and the importance of collaborative healthcare networks. With participation from more than 70 medical professionals, the event witnessed enthusiastic engagement, meaningful exchange of ideas, and was regarded as a highly successful academic and networking initiative.



ROUND TABLE MEETING WITH SENIOR ENT SURGEONS

Doctors from **Airavat Cancer Care** conducted a focused round table interaction with eminent senior ENT surgeons from Ahmedabad. The meeting involved meaningful discussions on evolving practices in head and neck oncology, multidisciplinary coordination, surgical challenges, and collaborative patient care pathways. The interactive academic exchange proved to be highly fruitful and strengthened professional relationships aimed at delivering better and more integrated cancer care.



KEEPING THE PROMISES OF PREVENTIVE SERVICE

PREVENTIVE BREAST CANCER SCREENING INITIATIVE WITH KADVA PATIDAR YUVA SAMMELAN

Airavat Cancer Care partnered with Kadva Patidar Yuva Sammelan for a large-scale preventive breast cancer awareness and screening initiative aimed at encouraging early detection among women. More than 150 women benefited from the pre-screening program conducted using the innovative Niramai Thermalytix technique.

The camp was uniquely organized across both East and West Ahmedabad during weekends to maximize accessibility and participation. The overwhelming response and active community involvement made the initiative a meaningful success in promoting awareness, preventive healthcare, and timely cancer screening among women.



ACTIVITIES

Joyful One-Day Picnic with **Chandlodia Medical Doctors**

Taking a well-deserved break! Here is a glimpse of a wonderful, fun-filled one-day picnic hosted by **Airavat Cancer Care** for the incredible Chandlodia Medical Doctors and their families.

From splashing around in the pool to friendly games of carrom and turf cricket, it was a fantastic day dedicated to unwinding, sharing laughs, and strengthening our community bonds outside the clinic. Thank you to everyone who joined us and made this day so memorable!



WATCH THE EIGHTH EPISODE OF OUR CRAFTED SERIES

“ A JOURNEY OF STRENGTH DEFEATING CANCER ”



Scan QR to Watch Full Episode!

A SURVIVORSHIP CAMPAIGN

“ BEYOND THE ZENITH – CELEBRATING THE SPIRIT OF SURVIVORSHIP ”

As part of our **“Beyond the Zenith”** initiative, **Airavat Cancer Care** honoured a breast cancer survivor who successfully completed her one-year treatment journey with immense courage and resilience. The felicitation ceremony, accompanied by a certificate of appreciation and heartfelt gifts from our team, was not merely a celebration of treatment completion – but a tribute to strength, faith, and the unwavering human spirit. Through this initiative, we aim to continue recognising the inspiring journeys of our cancer warriors who teach us that healing goes far beyond medicine.



Outreach OPDs

📍 AMRELI

Raghavendra Hospital, 2nd Floor, Keriya Road, Nr. Railway Underbridge, Amreli.

📍 HIMMATNAGAR

Shankus Cancer Hospitals, 1st Floor, Ashwamegh Complex, New Civil Hospital, Hadiyol Road, Himmatnagar.

📍 VISNAGAR

Nutan General Hospital (S.K.), Visnagar.

📍 PALANPUR

Parikh Hospital (Mahajan Hospital), Near Delhi Gate, Baradpura, Palanpur.

📍 SURENDRANAGAR

- Krishna Hospital, Bus Station, Road, opp. M. P. Shah Arts & Science College, Ambedkar Nagar, Surendranagar, Gujarat 363001
- Life Care Super Speciality Hospital, Old Jct Rd, Opposite District Library, Vadipara, Surendranagar, Gujarat 363001

📍 KADI

- Bhagyoday Hospital, Station Road, Sardar Baugh, Kadi.
- Rhythm Hospital, Hanumanth Plaza, Balapur Road, Kadi.

ABOUT US

- Highly motivated team of Cancer Specialist; aim to deliver Protocol backed, Result oriented Cancer Surgical care to our patients.
- We aim to provide advanced, ethical, quality cancer care to our patients in most affordable and empathetic way.
- Looking after premiere organizations; committed to raise the bar of our working institutes.
- More than 30+ Years of cumulative experience in Onco-Surgery.

EXPERT TEAM OF CANCER SURGEONS



**DR. RUSHIT
DAVE**

MS, M.Ch. (GCRI)
Consultant Cancer Surgeon



**DR. RONAK
VYAS**

MS, M.Ch (GCRI), F.MAS
Consultant Cancer Surgeon



**DR. MANISH
SADHWANI**

MS, M.Ch (GCRI)
Consultant Cancer Surgeon



**DR. SAMARTH
DAVE**

M.Ch., Surgical Oncology
Consultant Cancer Surgeon




**DR. PRANJAL
BANTHIA**

MS (BJMC), MCh (AIIMS Delhi)
Consultant Cancer Surgeon

CONTACT US

FOR APPOINTMENT CALL:  **+91 91044 62944**

 www.airavatcancercare.com

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