



Inauguration of New Ultra-Modern Private Ward



In a significant step towards enhancing healthcare facilities and providing state-of-the-art medical services to patients, a cutting-edge Private Ward was inaugurated by S. Harjinder Singh Dhama, President, SGPC and the Chancellor of SGRDUHS, Sri Amritsar. The ward's innovative layout and advanced medical technology have been thoughtfully crafted to cater to the specialized needs of the patients of Gynae, Pediatrics, Ophthalmology and ENT departments within the hospital, ensuring that patients receive the highest standard of medical treatment from the dedicated team of healthcare professionals.

World Obesity Day (4th March, 2025)



Dear Friends,

We all are talking about peace. War makes us anxious. Going to war is a prerogative of our leaders and the defence forces, but internal war going inside us over small issues definitely is our concern. Peace begins first inside each of us then it dictates our behaviour eventually becoming the part of our personality and aura.

Being at collaboration of education and medical expertise we serve as role models to society and our families. People imitate our behaviours especially our students and children. We can choose peace in our day to day behaviours by not getting aggressive over trivial issues, not raising our voices over small provocations and practising pause whenever we feel angry. Avoiding conflicts and keeping calm sets example for everyone who looks up to us as a parent or as a mentor. Peaceful children and young students become peace loving adults. So, change begins with us. Let's take first step towards world peace.

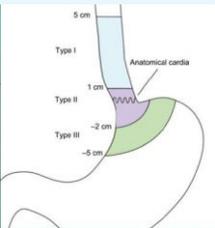
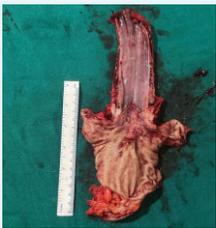

Dr. Manjit Singh Uppal
Vice Chancellor



MBBS Fresher Party - Raabta 2k25



► Clinical Snippet Gastroesophageal junction cancer - Challenges in management



A 45-year-old morbidly obese male presented with complaint of progressive dysphagia for 3 months. Evaluation with endoscopy and CT

scan revealed locally advanced adenocarcinoma of esophagogastric junction. In view of absolute dysphagia, he was initially managed with Ryle's tube insertion and feeding. Perioperative chemotherapy was started after optimizing physiological status. After 3 cycles of chemotherapy successful thoroscopic esophagectomy was done. His postoperative recovery was uneventful. Histopathology revealed mucinous adenocarcinoma infiltrating muscularis propria. Adjuvant chemotherapy was administered subsequently. EGJ carcinoma are defined as adenocarcinoma with epicenter within 5cm from the esophagogastric junction. Siewert has classified these tumors into three types. Type I- lesions of distal esophagus with epicenter 1-5cm from GEJ, type II- tumors limited to cardiac region i.e. 1cm above 2cm below EGJ, type III- subcardiac cancer 2-5cm below EGJ. The management of EGJ carcinoma is multimodal with surgery as the mainstay of treatment.

Dr. Mohit Sharma
Professor, Department of Surgery

PG Orientation Program



SGRDUHS conducted PG Orientation Program from 17th-22nd Feb. to familiarize students to the new academic environment. The program covered introduction to good clinical practices, clinical research, ethics & professionalism, pharmacovigilance, medico legal issues, communication skills & counselling of patients, BLS course & Theatre of Oppressed.

Role of Biologics in Dermatology



Department of Dermatology organised a CME on 'Role of Biologics in Dermatology' on 27th March, 2025.

National Voter's Day



National Voter's Day was celebrated on 25 th January, 2025 with the theme of 'NOTHING LIKE VOTING, I VOTE FOR SURE' at SGRDUHS, Sri Amritsar,

Nursing Fresher Party - 'COMIENZO'



SGRD College of Nursing organized "COMIENZO" for welcoming new Nursing Students on 17 th January, 2025. Students participated in various cultural events like Group Dance, Bhangra and Modeling competition with lot of zeal and enthusiasm.

Resource Faculty for Scientific Sessions



Department of Anatomy

- 1 Dr. Anupama Mahajan delivered lecture on 'Mastering Neuroanatomy: Bridging Theory With Clinical Application' at JSSMC, Mysore.

Department of Obstetrics & Gynaecology

- 2 Dr. Sangeeta Pahwa was chairperson, moderator and panelist in many CMEs and Conferences. She also delivered an online lecture & was speaker for the conference 'Journey from hairy to fairy: PCOS Management'. She also organized a CME on 'Educate Empower, Eliminate Women Cancer'.

Department of Dermatology

- 3 Dr. Guneet Kaur delivered a lecture on 'Expanding Role of JAK Inhibitors in Pigmentary Diseases' at DERMACON 2025, Jaipur.

Department of Physiology

- 4 Dr. Kawlinder Kaur Girgila Chaired a scientific session in 'National Conference on Lifestyle & Health' held by AIMSR, Bathinda.

Department of Community Medicine

- 5 Dr. Harjot Singh delivered a talk during International Conference on 'Current Perspectives in Public and Environmental Health' held at GGSDSC College, Chandigarh.

Awards and Achievements



- 6 Dr. Sarbjeet Sharma completed certified course in Antimicrobial Stewardship held by Public Health Foundation of India.
- 3 Dr. Guneet Kaur received an appreciation from 'IADVL' at DERMACON 2025, Jaipur.
- 4 Dr. Kawlinder Kaur Girgila completed Advance Course in Medical Education (ACME) from CMC Ludhiana in Feb 2025.
- 5 Dr. Harjot Singh Completed 6 months Diploma in Community Mental Health for Doctors from NIMHANS Digital Academy, Bengaluru.
- 7 Dr. Kunwarpal Singh has completed 9 months fellowship program in 'PrimeRad Global MSK MRI Radiology' from PrimeRAD.

Total Knee Replacement Surgery Camp



Knee Replacement Surgery Camp. The combined expertise significantly improved the lives of many patients and established a new standard in surgical care. High quality implants from Smith & Nephew, donated by Operations International were used in the camp.



Dr. Vivek Sood, Dr. Gurpal Bhullar, Dr. Daljit Saluja, Dr. Mohit Narang and Dr. Kiran Patel from the Medical Volunteer Team, Operations International, USA & SGRD Hospital organized a free Total



SGRD
Synapse

► Marching forward....

Fractional CO2 Laser

Futura RF comes with 4 different modes such as: normal, scan, gynac, surface for the various types skin treatments. The surface mode is a new CO2 laser method designed for superficial skin resurfacing, aiming to minimize side effects by targeting only the uppermost skin layers. This approach allows for effective rejuvenation and resurfacing without significant downtime or adverse effects. The scan mode is a dynamic option, especially suitable for treating large areas of skin, such as in pigmentation or texture irregularities.

Indications

- Acne Scar
- Surgical Scar
- Fine Lines
- Stretch Marks
- Burns Scar
- Moles Removal
- Sun Damages
- Vaginal Tightening

Dr. AP Singh
Dean, SGRDUHS

Glaucoma Updates - 2025



Department of Ophthalmology in association with Academy of Amritsar Ophthalmological under the auspices of Punjab Ophthalmological Society organised CME on 'Glaucoma Updates-2025' on 15th March, 2025.

Obsessive Compulsive Disorder & Recent Advances



Department of Psychiatry organised CME on 'Obsessive Compulsive Disorder & Recent Advances' on 25th March, 2025.

Case Scenario Tetanus



A 2-year-old unimmunized male child presented with classic signs of tetanus—trismus, opisthotonos, risus sardonius, and generalized muscle rigidity—12 days after an electric injury and soil exposure. He was treated with IV antibiotics (ceftriaxone, metronidazole), tetanus immunoglobulin (3000 IU IM), and benzodiazepines for muscle spasms. Supportive care included NPO status, a quiet environment, and gradual reintroduction of enteral nutrition. The child showed steady improvement, with resolution of symptoms and return to normal feeding. He was discharged in stable condition with a catch-up immunization plan. **This case underscores the importance of timely vaccination to prevent life-threatening but preventable diseases like tetanus.**

Age	Vaccine	Immunity
6, 10, 14 weeks	Pentavalent 1st, 2nd & 3rd dose	Primary Immunization
16, 24 weeks	DPT	First booster
5 - 6 years	DPT	Second booster
10 years	Td	Adolescent booster
16 years	Td	Adolescent booster

Food for thought

Peace Begin With Us



Q1 - What is the causative organism of tetanus and how does it enter the body?

- ♦ Tetanus is caused by Clostridium tetani, an anaerobic, spore-forming Gram-positive bacillus. The organism enters the body through contaminated wounds, burns, or puncture injuries. In this case, the entry point was an open wound following electrocution and burial in soil.

Q2 - What is the pathophysiology of tetanus?

- ♦ C. tetani produces a neurotoxin called tetanospasmin, which travels via peripheral nerves to the central nervous system. It blocks the release of inhibitory neurotransmitters (GABA and glycine), resulting in unopposed muscle contractions, rigidity, and spasms.

Q3 - What were the key clinical features that supported the diagnosis of tetanus in this child?

- ♦ History of trauma with soil contamination, trismus, generalized muscle rigidity and opisthotonos, autonomic instability, risus sardonius, and lack of prior immunization were classical signs supporting the diagnosis.

Q4 - How is tetanus diagnosed?

- ♦ Tetanus is primarily a clinical diagnosis. There are no definitive laboratory tests; cultures are often negative. Diagnosis is based on typical signs and a history of wound or trauma in an under-immunized individual.

Q5 - What is the treatment protocol for tetanus?

- ♦ Neutralization of unbound toxin with tetanus immunoglobulin, antibiotics (metronidazole, ceftriaxone), control of spasms with sedatives, supportive care in a low-stimulation environment, wound debridement, nutritional support, and initiating immunization.

Q6 - Why was outcome good in our case?

- ♦ In our case early diagnosis and prompt treatment was given which prevented the further complications.

Q7 - What role did immunization play in this case?

- ♦ The child was unimmunized, which made him vulnerable to tetanus. Proper tetanus immunization could have prevented the disease.

Q8 - What is the prognosis of tetanus in children?

- ♦ With prompt treatment, children can recover well, especially if airway and autonomic functions are managed. Without treatment, the disease has a high mortality rate.

Q9 - What public health implications does this case highlight?

- ♦ The case stresses the need for universal immunization, parental awareness, access to healthcare, conscientious approach by the health care workers for the immunization and avoidance of risky cultural practices.