

DMCH SCAN

TOWARDS EXCELLENCE IN MEDICARE & EDUCATION

January-June, 2014

Quality Health Care
Excellent Medical Education
Relevant Medical Research
Latest Technology
Personal Touch



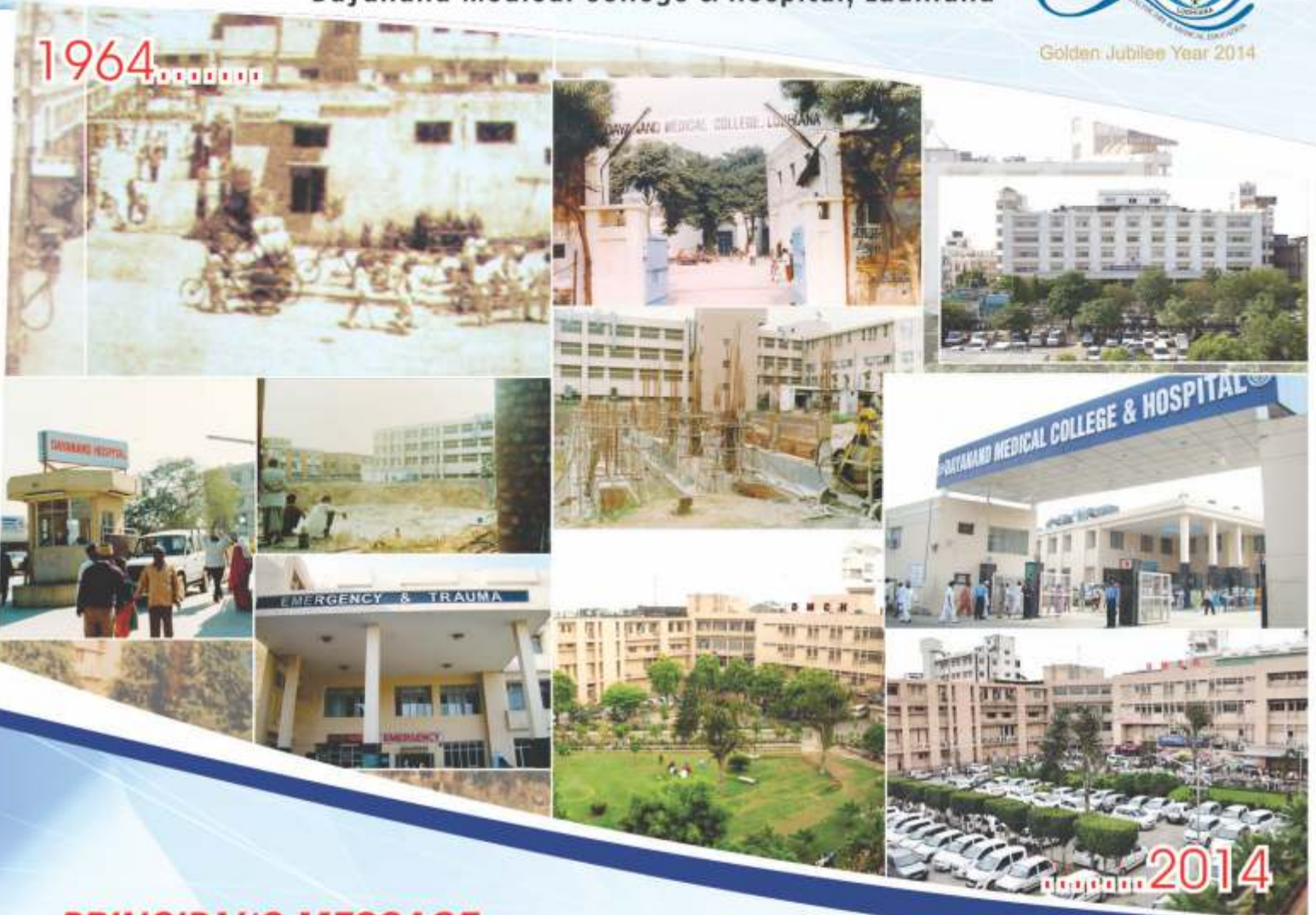
Golden Jubilee Year 2014

Dayanand Medical College & Hospital
Ludhiana, Punjab (India)

Departmental Profile
General Surgery

Special Services
Safe Blood Transfusion

Focus
Stitchless Cataract Surgery



PRINCIPAL'S MESSAGE

I feel very proud & happy to convey my message in the Golden Jubilee year of Dayanand Medical College & Hospital, Ludhiana. It is my great privilege that I have witnessed the different stages of progress of the institute over the years.

Motivated by a devoted personality, Dr Banarsi Dass Soni, Ex. Capt. I.M.S. with a missionary zeal for medical education and patient care, conceived the noble idea of providing much needed medical care to the general public. This bloomed in the form of Arya Medical School in 1934, which started in a rented building in Civil Lines, Ludhiana. It was shifted to its own building in 1937 (now, Dayanand Medical College & Hospital, College Campus).

The institution was recognized for LSMF (Licentiate of the Punjab State Medical Faculty) in 1938. The following year, the Managing Body decided that the Ludhiana Medical School should thereafter be called "Arya Medical School" and the hospital attached to it "Dayanand Hospital".

It was only in the year 1964, consistent with the policy of the Government that the Arya Medical School flowered into a full-fledged MBBS College, which came to be known as Dayanand Medical College & Hospital. The management of this college was taken over by a galaxy of prominent people of Ludhiana, who formed an organization known as the "Managing Society of Dayanand Medical College & Hospital, Ludhiana" and Late Shri H.R. Dhanda, a prominent industrialist of the town, became its Founder President.

Today, DMCH is a major not-for-profit tertiary care teaching hospital in North India. The institution has an imposing complex of modern buildings and is equipped with all kinds of modern facilities for providing excellent care to the patients and training to the undergraduate and postgraduate students. All the clinical departments, along with the diagnostic laboratories provide round-the-clock service at the campus. We have a committed set of faculty members, teachers and administrative staff in-charge of this great institution today. Together we will continue to innovate and build this organisation from strength to strength and remain committed to excellence.

■ CME of Obstetrics & Gynaecology



Department of Obstetrics & Gynaecology organized CME on 'Challenges in Obst & Gynae Practice' during Quarterly Meeting of Northern Chapter of Obstetrics & Gynaecological Society of Northern India held on 27th July, 2013. A wide array of debatable issues were discussed and nearly 200 local practitioners as well as medical fraternity from nearby medical colleges attended.

■ Organ Donation Day



World Day for Organ Donation was celebrated on 3rd August, 2013. Organ Donors and recipients were felicitated. Those present on the occasion were made aware of the importance of cadaver organ donation and transplantation.

■ ORS Day



With the aim to promote the use of Oral Rehydration Salts (ORS) and to educate the public about its use, Department of Pediatrics and Indian Academy of Pediatrics (IAP) Ludhiana celebrated ORS Day on 6th August, 2013 by organizing a role play competition on the theme 'Public Education on ORS in Diarrhea', witnessed by a large number of patients and their attendants.

■ Breastfeeding Week Celebrations



As a part of '21st World Breast Feeding Week celebrations' Department of Pediatrics organized a declamation contest on 'Breast Feeding: Support & close to mothers' on 7th August, 2013. The speakers, during the contest, underlined the importance of breastfeeding for achieving the overall physical and mental growth of children.

■ NZAPSISON-2013



Department of Plastic Surgery today organized a two-day conference of North Zone Association of Plastic Surgeons of India and Live Workshops on FUE Hair Transplant & Lasers in Post Burn/Acne Scars on 7th & 8th September, 2013.

■ POACON-13



Punjab Orthopaedics Annual Conference (POACON-2013) under the aegis of Punjab Orthopaedic Association was held on 29th September, 2013. The guest speakers shared their experiences on different aspects including Post operative problems faced in orthopaedic surgery, minimal invasive endoscopic spine surgery, acetabular and pelvic fractures, management of scoliosis & tendinopathies and recent advances in management of Giant-cell tumor (GCT).

■ CME on Post Operative Management



As a part of World Pain Week Celebrations, Department of Anaesthesia organized CME on Postoperative Pain Management under the aegis of Punjab Medical Council on 21st October, 2013. The CME focused on different aspects of postoperative pain management from the perspective of different medical specialities.

Surgery is a scientific art and like any other art needs patience and perseverance for perfection. In the last hundred years or so practice of the surgery has taken long stride in the direction of excellence.

Dr LR Pathak, popularly known as Dr Rai, inaugurated the department of surgery. In 1964, after the Arya Medical School was upgraded to the Dayanand Medical College, Dr RC Khanna took over the charge, and since then the department of the surgery has made tremendous progress. The two stalwarts Dr RP Sharma and Dr DS Gill became legends of virtue and workmanship.

Teaching Program

The undergraduate teaching program is conducted in accordance with the prescribed MCI guidelines. The starting of post graduation in 1978 was a major milestone. The department has produced more than 202 postgraduates. With the aim of expansion and keeping pace with the most modern scientific knowledge, the facilities like neurosurgery, plastic surgery, pediatrics surgery, urology, renal transplant, thoracic surgery, cardiac surgery and Bariatric surgery has been made available under the expert supervision. The Department has published papers in indexed International and National journals. The department conducts international and national conferences, namely IAGES, ASICON, northern chapter of surgeons of India, workshops and CMEs. MAS lab is available as teaching aid.

Clinical Surgical Section

The department now boasts of state-of-art indoor and outdoor facilities. There are most modern 13 operation theatres with hydraulic remote controlled tables, Harmonic scalpels, enSeal, Laparoscopic sets with HD monitors and all latest gadgetry are present in the department. All OT's have latest Drager anesthesia machines. The department has 4 surgical unit wards, 2 surgical recoveries and 2 surgical intensive care units. The surgical recovery has 27 beds with central monitoring facilities. The pre-operative side has 15 beds, counseling room and a special PAC clinic. Surgery ICU has 24 beds with central monitors and 18 ventilators.

Sub-specialities

☐ Trauma & Emergency

Triage is done in emergency and consult wherever required is taken. Emergency surgery is performed in Emergency operation theatres, which has 2 clean OTs and 2 septic OTs. The Emergency has beds with central monitoring facility, arterial blood gas analyzer, X-ray, ultrasound facility, Portable Echocardiography, ECG, etc.

☐ Minimal Access Surgery

Laparoscopic Cholecystectomy, Laparoscopic appendectomy, Laparoscopic Hernia Surgery, Laparoscopic Nissen Fundoplication, Laparoscopic Liver and Spleen Surgery, Laparoscopic CBD exploration, Laparoscopic Kidney and Adrenal Surgery, Laparoscopic Bariatric Surgery, Laparoscopic large bowel resection and Laparoscopic rectopexy are available.

☐ Thoracic Surgery & VATS

Thoracoscopy and Open Thoracotomy is available for Decortication, Lung hydatid disease, Lung lobectomy, Lung pneumonectomy and Mediastinal mass resection, Pleural, lung or mediastinal biopsies, Segmental lung resection and Lung Volume Reduction Surgery are carried out.

☐ Bariatric surgery

Laparoscopic sleeve gastrectomy, roux-en-y gastric bypass for obesity and metabolic disorders are regularly done.



Sitting (Lto R): Dr Sanjeev Singla (Professor), Dr Atul Mishra (Professor), Dr Jaspal Singh (Professor & Head), Dr Sushil Budhiraja (Professor), Dr Chiranjiv Gill (Professor), Dr PS Nain (Professor).

Standing (Lto R): Dr Munish Trehan (Asstt. Professor), Dr Ashish Ahuja (Assoc. Professor), Dr Varun Gupta (Assoc. Professor), Dr Sumeet Jain (Asstt. Professor), Dr Ravinder Pal Singh (Assoc. Professor), Dr Ashvind Bawa (Asstt. Professor), Dr Amandeep Singh Nar (Asstt. Professor).

General Surgery



General Surgery

- ❑ Anorectal benign anomalies
- ❑ Diabetic foot amputations
- ❑ Varicose vein
- ❑ Testicular disorders
- ❑ Renal calculi & malignancy.
- ❑ Head & neck surgery
- ❑ Head and neck cancers, benign disorders.
- ❑ Thyroid benign and malignant disorders.
- ❑ Breast Surgery
- ❑ Breast lump, abscess, carcinoma, conservative and radical surgery.

Special Clinics

Various special clinics being run by the department are;

- ❑ Stoma clinic
- ❑ Diabetic foot clinic
- ❑ Breast clinic
- ❑ Bariatric clinic
- ❑ Minimal invasive surgery clinic

Safe Blood Transfusion

DMCH Blood Bank is largest tertiary care centre in North India having collection of approx. 34000 blood units and supply of 32000 units annually for the patients admitted in ICUs, Transplant, Oncology, Thalassemia etc. Safest blood is the birthright of all human beings and to achieve that goal DMCH has become the first blood bank in the state of Punjab to completely implement Individual Donor-Nucleic Acid Testing (ID-NAT) for each and every donation.

Every donor unit is screened for

- HIV : HIV 1/2 Antibody & P24 antigen, HIV RNA Virus
- (Hepatitis C) : HCV Antibody, HCV RNA Virus
- (Hepatitis B) : HBsAg, HBV DNA Virus
- (Syphilis) : VDRL
- (Malaria) : Malarial Parasite

Need of NAT in India

- High prevalence of HIV (0.26%), HCV (1.6%), HBV (1.07%) in Punjab India.
- High prevalence of HIV (0.3%), HCV (0.4%), HBsAg (2-4%) among blood donors.

Individual Donor Nucleic Acid Testing

- Important technological advancement in blood screening
- Highly sensitive & specific targets specific viral nucleic acid sequences
- Direct detection of viral RNA or DNA
- Able to detect occult hepatitis B infection.
- Shortens the Window Period from infection to detection
- Helps prevent Transfusion Transmitted Infections (TTI)
- Provides additional layer of safety to the blood supply
- Evaluated and practiced by select hospitals
- Since 2006 in India; since 2012 in DMC & Hospital, Ludhiana

Transfusion of Packed Red Cells, Fresh frozen Plasma and Random Donor Platelet Concentrate at DMCH



Safe transfusion involves

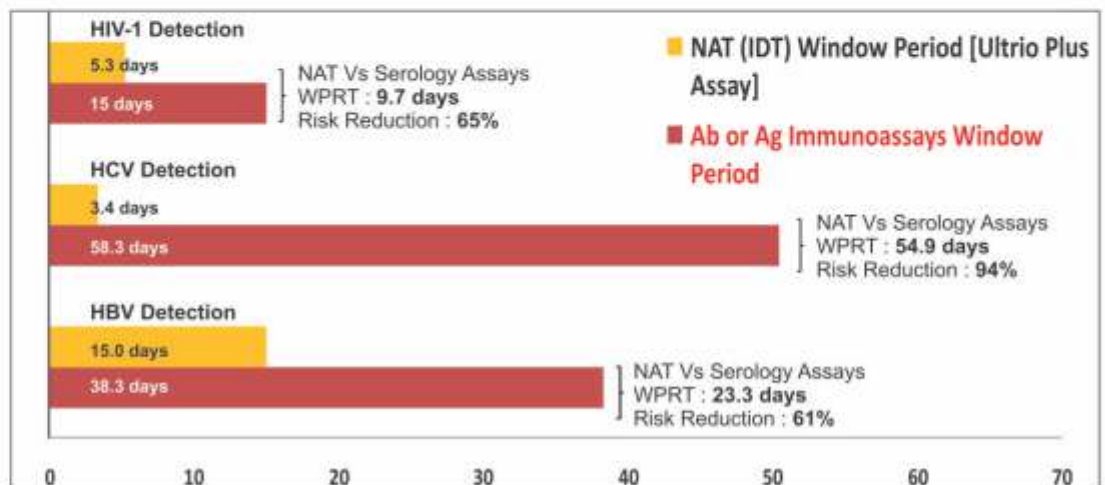
- The right component
- No adverse reaction
- Contamination free



(EARLIER VIRAL DETECTION = SAFER BLOOD SUPPLY)

ID-NAT Positive EUSA Negative till April 2014

- HIV : 02
- HBV : 36
- HCV : 24



Focus Topical Phako



Topical Phako

Topical Phacoemulsification is 'NO injection, No stitch, No patch' cataract surgery. It has been started for the first time in Ludhiana at DMCH on a regular basis. The surgery is possible with the advanced technology of the INFINITI Phacoemulsification system.

With this latest ultramodern technique, painful injection in the eye is not given. Patient is able to resume his normal work at the earliest with faster rehabilitation.

All kinds of monofocal, multifocal, toric lenses can be used with this technique.



No Injection



No Stitch & Patch



Cataract



No Injection
No Stitch
No Patch
Cataract Surgery

OZil Intelligent Phaco (IP)

OZil Intelligent Phaco (IP) has better cutting efficiency than normal phacoemulsification, as it increases the followability of lens material.

It cuts even hard cataracts so fast that the operation is much easier and takes less time by keeping the eye in natural state.

With OZil IP, eyes are quiet and corneas are clear the day after surgery.

POSITIONS

- ▲ Dr Rajoo Singh Chhina (Gastroenterology) : Secretary of Nutritional Society of India for 2014.
- ▲ Dr Gagandeep Singh (Neurology) : Fellow of Indian Academy of Neurology and as Associate Editor of International Journal of Epilepsy.
- ▲ Dr Sandeep Kaushal (Pharmacology) : Chairman, Institutional Ethics Committee of GMC, Patiala.
- ▲ Dr Puneet Aulakh Pooni (Pediatrics) : President of Intensive Care Chapter, Punjab State Branch.
- ▲ Dr Suneet Kathuria (Anaesthesia) : Governing Council Member, Indian Society of Anaesthesiologists (North Zone).
- ▲ Dr Suman Puri (Obst. & Gyne) : Vice President, Ludhiana Obst & Gynae Society.
- ▲ Dr Gurdeep Singh Dhooria (Pediatrics) : Secretary of Punjab State Branch of Adolescent Health Academy, for 2013-14 and Secretary of National Neonatology Forum, Punjab State Branch.

PEDIATRIC

Then



OVERSEAS PRESENTATIONS/VISITS

- ▲ Dr Gagandeep Singh (Neurology) : Neurology workshop in Lima.
- ▲ Dr Promila Jindal (Obst. & Gyne) : 23rd Asian & Oceanic Congress of Obstetrics & Gynaecology in Bangkok.
- ▲ Dr Navjot Bajwa (Biochemistry) : Asia Pacific Federation of Clinical Biochemistry in Bali, Indonesia.
- ▲ Dr Suman Puri (Obst. & Gyne) : 29th European Society of Human Reproduction & Embryology, London, UK.
- ▲ Dr Gurdeep Singh Dhooria (Pediatrics) : 8th World Congress of the World Society for Pediatric Infectious Diseases in Cape Town, South Africa.
- ▲ Dr J.S. Goraya (Pediatrics) : 17th International Conference of Movement Disorder Society, Sydney, Australia.
- ▲ Dr Sarit Sharma (Community Medicine) : ID Week – 2013, in San Francisco, USA.
- ▲ Dr Ramneesh Garg (Plastic Surgery) : World Congress on Emergency Surgery, Italy.
- ▲ Dr Sanjeev Puri (ENT) : Widex Training Course in Denmark.
- ▲ Dr Shruti Sharma (Intensivist) : Detroit Medical Center, Wayne State University, Detroit, USA.
- ▲ Mrs Ritu Sudhakar (Dietetics) : International Conference of Nutrition (ICN) – 2013 at Grenada, Spain.

UPCOMING

College Building



Cancer Centre



WARD *Now*



NEW BUILDINGS

Nursing College & Hostel, Malikpur



AWARDS/PRIZES

- ▲ Dr Siddharth Bhargawa (Pediatrics) : 2nd Prize in Scientific Paper Presentation at NCPCC 2013 at Mahabaleshwar.
- ▲ Dr Ashwind Bawa (Surgery) : Fellowship course in Advanced Laparoscopic Surgery by IAGES, Mumbai.
- ▲ Dr Rabinder S Sobti (Intensivist) : Awarded European Diploma in Intensive Care Unit (EDIC).

HONOURS / ACHIEVEMENTS

- ▲ Dr Sunil Katyal (Anaesthesia) : Nominated as Chairperson, Disciplinary Committee, Punjab Medical Council.
- ▲ Dr Anju Grewal (Anaesthesia) : Chief Editor of Journal of Anaesthesiology Clinical Pharmacology.
- ▲ Dr Anu Sharma, Professor, (Anatomy) : CMCL-FAIMER Fellowship program-2013.
- ▲ Dr Rajesh Arya (Cardiac Anaesthesia) : Certification Exam of European Board in Peri-Operative Trans. Esophageal Echocardiography (TEE).
- ▲ Dr Gunchan Paul (Intensivist) : Accredited as teacher for IDCCM by Indian Society of Critical Care Medicine.



ADIEU

Dr Praveen C Sobti (Pediatrics) was given a warm farewell by the Managing Society, Faculty and staff on her retirement after 21 years of distinguished service as faculty member at DMCH.



DMC&H Infertility And IVF Centre

Dayanand Medical College and Hospital is pleased to announce fully functional Assisted Reproduction Unit "DMC&H INFERTILITY and IVF CENTRE". State-of-art embryology lab with world class latest technical support and the best trained human resources help the couples achieve their long awaited dream of having a child through :

- Work up and counseling for patients
- Ovulation induction
- Intra uterine insemination (IUI)
- In vitro fertilization (IVF) and intra cytoplasmic sperm injection (ICSI)
- Pre implantation genetic diagnosis and screening
- Embryo freezing
- Donor oocytes
- Donor sperm/ Sperm banking
- Fertility preservation surgeries

Complete range of surgical treatment including laparoscopy, hysteroscopy, fibroid surgeries, reversal of tubal ligation, fertility enhancing surgeries including adhesiolysis, endometriosis, and tubal surgeries etc. is also offered.



Extracorporeal membrane oxygenation (ECMO)

ECMO is an evolving life support technology in neonates and children with reversible cardiorespiratory failure. The evidence to support its widespread use in adults has only emerged recently, in patients presenting with acute respiratory distress syndrome (ARDS). The use of ECMO is expanding as the technology has become simpler, safer and more reliable.

ECMO is used to temporarily support gas exchange and/or perfusion in patients with respiratory and/or cardiac failure refractory to conventional ventilatory, pharmacological and/or other mechanical supports. Extracorporeal cardiopulmonary resuscitation (E-CPR) is emerging as an effective adjunct to conventional cardiopulmonary resuscitation.

ECMO is an adaptation of cardiopulmonary bypass technology used in cardiac surgery. It functions as an artificial heart and lung by providing propulsion pressure for blood flow through a circuit and an interface for oxygen and carbon dioxide exchange.

Apart from cardiac surgical patients, only a few centres in the country is doing ECMO for non-cardiac surgical patients. Hero DMC Heart Institute Ludhiana has started ECMO programme in Aug 2013.

Epilepsy Surgery

Department of Neurology has an established epilepsy unit for last many years which is well equipped with all facilities related with epilepsy monitoring like telemetry unit, trained EEG technicians and epilepsy nurse. It has facilities for both long term and short term EEG monitoring. Till now about 36 epilepsy surgeries have been performed. Besides temporal lobectomies and tumour surgeries, department has started surgeries for other refractory epilepsy conditions like Dysembrylastic Neuroectodermal tumours, cortical dysplasias and gliotic lesions. Recently, with the advent of intraoperative electrocorticography, lesionectomies are being performed successfully.



Sustained Low Efficiency Dialysis - SLED

Sustained Low Efficiency Dialysis also called Extended Daily Dialysis (EDD) or Slow Continuous Dialysis (SCD) is a hybrid therapy, more physiological in nature, combining the therapeutic advantage of Continuous Renal Replacement Therapy (CRRT) and logistic and cost advantage of conventional Intermittent Hemodialysis (IHD)

Nowadays, it has become the modality of choice in treatment of critically ill patients in ICUs with acute kidney injury (AKI). The benefits include :-

- ▲ Improved cardiovascular stability particularly in haemodynamically unstable patients.
- ▲ Improved tolerance to Ultrafiltration, thereby enabling removal of large obligatory fluid overload.
- ▲ Ability to maintain excellent azotemia and solute control even in severely catabolic patients.

It is performed with conventional haemodialysis machines adapted to SLED mode using bicarbonate dialysate where solute and fluid removal are slower than conventional IHD but faster than conventional CRRT. Typical duration is 6-12 hours/day, 3-5 times per week. Process is unique in sharing of responsibility between ICU and Nephrology staff and is about 6-8 times cheaper modality as compared to CRRT, the other therapeutic option for ICU patients with AKI.



Optical Coherence Tomography (OCT)

DMCH has acquired the latest generation Zeiss Spectral Domain High Definition Optical Coherence Tomography (OCT), the first installation of this machine in North India. It is a noninvasive tool for analysing retinal disorders.

This investigation can be done in a nondilated eye and no injection or drops are needed. It can be compared with histopathology of retina in vivo. It differentiates all the layer of retina thus is of great help in ;

- ▲ Diabetic retinopathy diagnosis and management of maculopathy
- ▲ Retinal vascular occlusion -CME
 - ▲ Macular holes
- ▲ Vitreo-macular traction
- ▲ Retinal dystrophies and degeneration
- ▲ ARMD

It also is able to detect glaucoma (CSG) by nerve fibre layer and disc analysis.

- ▲ In anterior segment assessment
- ▲ Angle analysis in angle closure glaucoma
- ▲ Corneal pathologies
- ▲ Phakic IOL's.

Fibroscan Machine

State-of-art Fibroscan machine that uses the latest technology for diagnosing liver damage is now available in Endoscopy section of the department of Gastroenterology. The machine uses ultrasound elastography to measure hepatic stiffness and evaluate the extent of liver damage in patients suffering from chronic liver disease, irrespective of the underlying causes i.e. viral hepatitis, alcoholic liver diseases, autoimmune hepatitis, diabetes mellitus (NASH), drugs, biliary disease, haemochromatosis, steatohepatitis and steatosis.



69th Annual Conference of the Association of Physicians of India

"The 69th Annual Conference of the Association of Physicians of India (APICON)" was held in Ludhiana from 20th-23rd February organised by the entire team of faculty of Medicine and allied specialities led by Organising Secretary Dr Gurpreet Singh Wander. The conference was attended by around 10,000 delegates. The theme of the conference was 'Generating Indian evidence in medical Treatment'. The stimulating scientific sessions, consist of symposia and workshops on the latest developments in the field of medicine.

World's largest Vegetable Heart Mosaicic (Guinness World Record)



Dr Shashank R Joshi
President API



Dr SS Gill
VC, BFUHS, Faridkot



The medical academic program at DMCH includes –

- MBBS : 70 Seats
- MD/MS : Anatomy, Physiology, Biochemistry, Pathology, Pharmacology, Microbiology, Medicine, Surgery, Obstetrics & Gynaecology, Pediatrics, Dermatology, Ophthalmology, Otolaryngology, Orthopedics, Anesthesiology, Radiodiagnosis, Psychiatry and Community Medicine, Immunohaematology & Transfusion Medicine. (72 seats)
- Diploma : DA (Anesthesia), DCH (Pediatrics), DLO (ENT), DGO (Obst & Gynae). (15 seats)
- Super-speciality Courses : DM (Cardiology), DM (Gastroenterology), DM (Neurology), DM (Nephrology), MCh (Plastic Surgery), MCh (Urology), MCh (Cardiothoracic Surgery), MCh (Neuro Surgery). (14 seats)
- Nursing : BSc (100 seats), MSc in Medical Surgical Nursing, Psychiatric Nursing, Pediatric Nursing, Obstetrics & Gynae Nursing, Community Health Nursing (42 seats). Diploma in Critical Care Nursing and Cardiothoracic Nursing
- Paramedical : BSc in MLT, Cardiac Technology, Radiology Technology & OT Technology (42 seats)

DMCH has Fellowship program of the Indian Society of Critical Care Medicine and in Pediatric Critical Care under the aegis of IAP ISCC. Over 1100 post-graduate and under-graduate medical and nursing students are trained annually.

DMC AHA Training Site

Dayanand Medical College & Hospital is an American Heart Association (AHA) accredited training site for Basic Life Support (BLS) and Advanced Cardiac Life Support (ACLS) provider courses, imparting resuscitation skills to health care providers since 2010. There are eight certified BLS and ACLS

instructors in our institute [Drs Sunil Katyal (Course Director), Anju Grewal (AHA Coordinator), Vivek K. Gupta, M. Rupinder Singh, Shikha Gupta, Rajesh Mahajan, Sandeep Kundra, and Sandeep Puri] and affiliated 10 AHA Instructors from other institutes of Punjab.

AHA DMCH Training Site has trained more than 600 doctors, nursing staff and paramedics in basic and advanced life support skills.



Cadaveric Workshop

DMCH has been widely using cadaveric workshops to train surgical specialty doctors. They appear to be quite popular with trainees. The introduction of the Human Tissue Act and with the supply of cadavers being limited, storing the cadavers and providing surgical training facilities is costly. Considering the advantages of using cadavers over other forms of simulation in surgical training, many cadaveric workshops had been organized. The first workshop on 'Hands-on cadaveric dissection and live endoscopic sinus surgery' was held in 2006. Since then the gateway to conduct workshops was opened to more of such workshops in ENT and 'Tendon repair' workshops in plastic surgery. DMCH aspires to conduct many such workshops with collaboration of neurosurgery, orthopedics and other surgical branches, in the near future.



Campus Blitz

NNF & IAP Quiz

Department of Pediatrics at DMCH organised a series of quiz programmes including College Round of 26th Academy of Pediatrics (IAP) "Pediatric Quiz" for the Undergraduates and the Divisional round of 7th IAP Quiz for Postgraduates.



NNF Quiz



IAP PG Quiz

Communal Harmony Week (Flag Day)

Communal Harmony Campaign & Fund Raising Week under the auspices of National Foundation for Communal Harmony (NFCH) was celebrated. Activities held during celebration by medical and nursing students included Poster Contest, Slogan Contest, Declamation Contest, Choreography, Group Song & Dance Competition and Collage Making.



Welcome to new MBBS students

The Freshers of Batch 2013 were accorded a warm welcome in an interactive session with 2nd year students to help develop a better understanding and make them comfortable in the new surroundings. The freshers introduced themselves to the faculty and seniors. The old and new students presented various dance, music and drama items and thoroughly enjoyed themselves.



Alumni Meet 2013

Over 300 ex-students of various MBBS batches from the year 1964-2006 gathered with their families to get reconnected with their batch mates and faculty members at an Annual Meet organised by DMC Alumni Committee. In his message, Chairman of DMC Alumni Committee Dr Ashwani Chaudhary said that such meets provide a platform for all alumni to know the progress DMCH has made. On the completion of their silver jubilee, the old students of the MBBS (admission) batch of 1988 were felicitated.



Outgoing MBBS Batch 2009



Sitting (L to R)

- 1st Row : Dr Ranjive Mahajan (Psychiatry), Dr Amarjit Kaur (Transfusion Medicine), Dr Deepinder Chhina (Microbiology), Dr Neena Sood (Pathology), Dr Anurag Chaudhary (Community Medicine), Medical Supdt Dr Ashwani Chaudhary (Neurosurgery), Principal Dr Daljit Singh (Pediatrics), Dean Academics Dr Rajoo Singh Chhina (Gastroenterology), Medical Supdt Dr Sandeep Puri (Medicine), Asstt Dean Academics Dr Sandeep Kaushal (Pharmacology), Dr Promila Jindal (Obstetrics & Gynae), Dr Kavita Saggarr (Radiology), Dr Navjot Kaur Bajwa (Biochemistry)
- 2nd Row: Dr Harmesh S Bains, Dr GS Bajwa, Dr Mohd Yamin, Dr Gautam Biswas, Dr Sunil Kumar Gupta

Standing (L to R)

- 1st Row : Drs Tusharika Sharma, Shweta Karkara, Harleen Kaur, Harmankirandeep Kaur, Anjuman Sharma, Poornima Sharma, Shubhneek Kaur Dhillon, Pratyaksha Sankhyani, Amrita Arora, Manish Nautiyal, Navjot Kaur, Ravika Kanish, Shrishti Arora, Raina Grewal, Sheena Chopra, Simran Sidhu
- 2nd Row : Drs Navjot Kaur Cheema, Gurpreet Kaur, Gurupriya Anand, Harpreet Kaur Dhanota, Ripujit Kaur Randhawa, Amandeep Kaur, Ramandeep Kaur, Avneet Kaur, Amandeep Kaur Kang, Amritpal Kaur, Akshan Kaur Puar, Jasanjeet Kaur Jawanda, Neha Kaur Puar, Aaina Malhotra, Ridhima Sood, Mandeep Kaur
- 3rd Row : Drs Akash Batta, Akhilesh Mahajan, Rishu Baweja, Arupreet Singh Kochar, Sandeep Bhatia, Sarbmeet Singh Mann, Shaurya Sehgal, Gursinder Singh Doad, Jasneet Singh Chawla, Ayushman Rai Sood, Kamrajjeet Singh Randhawa, Sameer Mittu, Vibhushit Kaul, Bhavdeep Mangat, Sukhwinder Singh, Sarthak Mittal

For memories sake....

DAYANAND MEDICAL COLLEGE & HOSPITAL, LUDHIANA, PUNJAB

SPECIAL PATIENT CARE FACILITIES & SERVICES

SPECIALITIES

ANAESTHESIOLOGY	Digital Anaesthesia Work Stations, Ultrasound guided Regional Anaesthesia techniques, Patient controlled analgesia, Round the Clock Resuscitation Services, Critical Care, Acute and Chronic Pain Management Services, Radio frequency ablation for pain management ozone disc nucleolysis	SURGERY	Laparoscopic Surgery, Surgical ICU, World Class Modular OT's
DENTAL	Specialized Bridge Work, Implantation, Orthodontics	OBST & GYNAE	Laparoscopic & Hysteroscopy Gynae Surgery, Non descent vaginal hysterectomy, Infertility Treatment, HPV/Pap Smear/Colposcopy with LEEP for Cancer Cervix, Institutional Free Family Welfare Services, Free normal vaginal delivery for poor patients
DERMATOLOGY	Radiofrequency Ablation, Allergy Testing, Cryotherapy, Full Body PVA Unit, Blend technique for hair removal, Punch Grafting, Latest Chemical Peels, Skin biopsy, Pulse therapy for vesiculobullous & collagen disorders	ORTHOPAEDICS	Spine Surgery for fixation with Rods and Plates Arthroplasty for Hip, Knees, Shoulder & Elbow Replacement Comprehensive Diabetic Foot Management Congenital Deformity Correction, Arthroscopy
LAB SERVICES	Complete Automated Biochemistry Lab, Radio Immunoassay Lab, Automated Haematology Services, IMX, Automated Electrophoresis, Advanced HIV Lab, Bactec Culture Facility, PCR, Automated Haematology Services, Automated Coagulation Profile and Electrophoresis along with immunofluorescence and immunohistochemistry facilities, Automated ELISA Facility, Fluorescent Microscopy	PEDIATRICS	Advanced Nursery Care with ultra modern facilities, Well equipped Pediatric ICU Pediatric Haemato Oncology Section Specialty Clinics : Child Welfare Clinic, Gastroenterology Clinic, Asthma Clinic, Epilepsy and Cerebral Palsy Clinic, Clinic for adolescents & behaviour disorders in children
ENT	Microsurgery of Ear, Endoscopic Surgery of Nose and Sinus, Microsurgery of Larynx, Head & Neck Surgery, Speech therapy and Hearing Rehabilitation Services, Vestibular Services and Vertigo Assessment	PHYSIOTHERAPY	Exercise programme for Ortho and Neurological patients, Special rehabilitational programmes for Stroke and Trauma Patients, Occupational Therapy Cerebral Palsy Clinic
EYE	Advanced Vitreoretinal Surgeries, Phaco, Glucoma & Squint Surgeries, Medical Retina & Lasers, Photo Dynamic Therapy, Computerised Perimetry, Corneal Grafting, Digital FFA, OCT	RADIODIAGNOSIS	1.5 Tesla MRI scan, 128 Slice CT scan, 2-D, 3-D & 4-D Ultrasound & Colour Doppler, DXA Bone Densitometry Digital X-Ray & Mammography, Interventional Radiology Procedures
MEDICINE	Critical Care Unit & Medical ICU, Rheumatology Service, Emergency Medicine Services, HIV Clinic	IMMUNOHAEMATOLOGY & TRANSFUSION MEDICINE	Enhanced Chemiluminescence Immunoassay (Virtos Eci) and 4th Generation Elisa, Gel Technique, Single Donor Platelet & Plasma Apheresis, Therapeutic Plasma Exchange Cryoprecipitate and Washed RBCs
PSYCHIATRY	De-addiction, Child Psychiatry, Family & Marital Counseling	TRAUMA	State-of-art services for poly trauma

SUPER SPECIALITIES

MEDICAL	Intensive Control of Diabetes & Hormonal Disorders	SURGICAL	Transphenoid Excision of Pituitary Tumor, Spinal Instrumentation, Micro Discetectomy Artificial Cervical Disc Replacement
Endocrinology	Endoscopy, Colonoscopy, ERCP, Double Balloon Enteroscopy, Capsule Endoscopy, High Resolution Manometry with Impedance, Argon Plasma Coagulation(APC) Endophageal PH Meter Fibroscope Malabsorption Tests	Neurosurgery	Specialised Surgery of Neonates
Gastroenterology	Haemodialysis/CAPD, Continuous Venovenous Dialysis (CVVH & CVVHD)	Pediatric Surgery	Cosmetic, Hand & Reconstructive Surgery, Peripheral Vascular Injury, Facio Maxillary Trauma, Laser Therapy and Burns ICU
Nephrology	Stroke ICU, NCV/EMG, Digital EEG, EEG Telemetry, Tilt Test, Neuropsychology, Neuro-Rehabilitation	Plastic Surgery	Endourology, PCNL, Oncourology, Renal Transplant, ESWL
Neurology	Day Care Services - Chemotherapy	Urology	Specialised Surgery of Hepato-Biliary, Pancreatic & Digestive Tract
Oncology	Pulmonary Critical Care Unit, Pulmonary Lab (PFT)	GI Surgery	Specialised Cancer Surgery
Pulmonary Medicine	Bronchoscopy Sleep Lab, NIV Unit, DOTS-Tuberculosis Centre	Surgical Oncology	

UNIT : HERO DMC HEART INSTITUTE

- Echo, TMT, Carotid Doppler
- Coronary, Renal, Cerebral, Peripheral Angiography and Angioplasty
- Single Chamber, Dual Chamber and Biventricular Pacemaker
- ECMO
- Beating Heart Surgery, Valve Replacement, Adult Congenital Surgery
- Aneurysmectomy and Reduction Ventriculoplasty
- Executive Health Check-Up Clinic
- Nuclear Medicine Imaging



Quality certification of diagnostic laboratories, transfusion services and heart institute

ISO 9001:2000 CERTIFIED LAB

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