

# DMCH SCAN

TOWARDS EXCELLENCE IN MEDICARE & EDUCATION

Volume No. 6  
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- QUALITY HEALTH CARE
- LATEST TECHNOLOGY
- EXCELLENT MEDICAL EDUCATION
- PERSONAL TOUCH
- PRIDE OF NORTH INDIA



Dayanand Medical College & Hospital  
Ludhiana, Punjab (India)

Dayanand Medical College & Hospital, Ludhiana

Departmental Profile

## Otorhinolaryngology

Hear, hear....



Special Service

## Health Education Cell

Reaching Out to all....



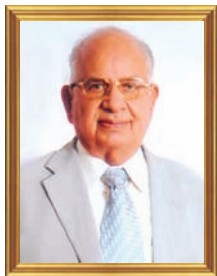
Focus

## Laparoscopic Surgery

Keyhole to Success....

## Profile

## Sh. Om Prakash Munjal



Sh. Om Prakash Munjal

Shri Om Prakash Munjal is a senior member of the Managing Society of Dayanand Medical College & Hospital, Ludhiana. An active member of the Governing Board, with special interest in upgradation of hospital services especially at Hero DMC Heart Institute, a unit of DMCH, he is a philanthropist of the first order.

He is Co-Chairman & Managing Director of Hero Cycles Ltd, the largest manufacturer of cycles in the world since 1986, apart from being Chairman and Director of many other Hero Group of Companies. A multi faceted personality, he has been Deputy-District Governor of Lions International, active member of PHD Chamber of Commerce & Industry, and guiding force to the Ludhiana Management Association.

Sh. O.P. Munjal, with a rich poetic disposition and flair for cultural and literary activities, is a versatile genius and is associated with 'Urdu Adab' and other literary societies, in various capacities. He regularly patronises various events to encourage new upcoming talent in poetry and other related fields of literature. Government of Punjab honoured him by conferring Sahir Award. He is also a recipient of numerous awards from the State and Central Government for his contribution to the promotion of domestic and export business, the latest being The Udyog Rattan Award.

He constantly bears a benevolent smile and endears himself to all whom he meets.

Indebted with gratitude for his philanthropic acts towards the institution, DMCH Family wishes him a long and healthy life.

## Introducing ... Nuclear Medicine in DMCH

Nuclear Medicine services will shortly be set up for patients of DMCH and its unit Hero DMC Heart Institute along with those referred from other hospitals and clinics

The state-of-the-art SPECT CT scan, one of the latest non invasive techniques, carries out important investigations like MUGA scan, stress thallium and other cardiac perfusion scans, apart from bone, thyroid & renal scan. The equipment, combination of Nuclear Medicine and CT scan, is the first of its kind in Punjab and will vastly improved the diagnostic capabilities in various medical and surgical fields.

## From the Principal's Desk

Renowned for its medical expertise, excellent nursing care and quality diagnostics, Dayanand Medical College & Hospital (DMCH), has been a beacon of light for the suffering and has earned for itself the reputation of giving patients a feeling of a 'family hospital'.

In the recent past, there has been a thrust in our institution for installing various high-tech equipments in different clinical areas, especially related to intensive and critical care, advanced diagnostics and specialized treatment.

Due to the higher influx of patients in the Emergency of the hospital this section is being extended. Renovation is in progress in the OPD area, Surgical OT complex, Radiology Department, Private Rooms and Histopathology Lab.

There has been a three-fold rise in professional work related to empaneled patients in the past one year.

Dr. Daljit Singh  
Principal

# Events



## 1. Seminar by the Indian Doctors for Peace and Development (IDPD)

A seminar under the aegis of the Indian Doctors for Peace and Development (IDPD) on the role of doctors regarding nuclear Warfare was held on August 9, 2007. Medical fraternity and students paid homage to the victims of atomic bombing of Hiroshima and Nagasaki during World War-II.

## 2. CME on Good Clinical Practices

In keeping with the need to follow guidelines for standard procedures in clinical research and for certification, a programme on Good Clinical Practices was held on September 12, 2007. Several consultants and residents participated in this education programme, which provided them with the intensive training needed to improve clinical trials and ensure compliance with the good clinical practices.

## 3. CME on Advances in Knee Arthroplasty

In the wake of new advances in the knee joint replacement techniques and availability of better implants, CME comprising of interactive session on live surgery was organized by the Orthopaedics Department of DMCH on September 15, 2007.

## 4. National Voluntary Blood Donation Day

To commemorate National Voluntary Blood Donation Day, a function was organised by Dayanand Medical College and Hospital on 1<sup>st</sup> October, 2007. The function marked the felicitation of more than 60 organisations and individuals from all across the state for their overwhelming support and contribution towards voluntary blood donation movement.

## 5. Microcon-2007

Department of Microbiology organized North-West Chapter Conference of IAMM (Indian Association of Medical Microbiologists) MICROCON-2007 on October 6, 2007. The conference served as an effective forum for the exchange of mutual experience, knowledge and state-of-art developments in the various disciplines of microbiology.

## 6. Workshop on Neonatal Resuscitation

Department of Paediatrics, DMCH, organised a workshop on neonatal resuscitation on October 12, 2007. The workshop was conducted by the National Course Faculty of Neonatal Advanced Life Programme and was based on the recommendation of Neonatal Resuscitation Programme Guidelines, framed by the American Academy of Paediatrics.

It is an educational programme that introduces the concepts and basic skills of neonatal resuscitation.

## 7. World Diabetes Day

World Diabetes Day on the theme 'Diabetes in Children and Adolescents' was celebrated on 14th November, 2007. A poster exhibition and painting competition organised by

# Department Profile

## OTORHINOLARYNGOLOGY (ENT)

The department of Otolaryngology at Dayanand Medical College & Hospital, Ludhiana is one of the best equipped and is known all over the country for its academics and quality work.

The department was started in 1969 with Dr. Som Nath Gupta as the first Head, under whose dynamic leadership the department grew to glorious heights by acquiring all the latest equipment available in the field at that time for all kinds of ENT investigations and surgeries. After his honourable retirement in 1992, the reins were taken over by Dr. R.S. Grewal until 1996, and then Dr. A.S. Khurana.

Presently the department is headed by Dr. Hemant Chopra since 2001. The good work of his predecessors is being taken forward to further glory by adding State-of-Art equipment every year. He received his formal training in Head & Neck surgery from Bombay and in his credit and has presented papers in various National & International Conferences. He has delivered 2 prestigious orations at conferences. He is presently the Director & Executive Member of All India Society of Rhinology.

Dr. Manish Munjal, Professor, a Post Graduate of this department, is a thorough academician with special interest in ESS and has been awarded for his work on Sinus surgery.

Dr. Kapil Dua, Assistant Professor, is also a Post Graduate of this institute. He has received his formal training in Endoscopic Sinus Surgery from Austria and in Cochlear Implants from Israel.

The entire faculty is totally dedicated towards undergraduate and postgraduate teaching. M.S. and D.L.O. courses are duly recognised by the Medical Council of India. The department is organizing yearly hands-on as well as Live Endoscopic Sinus Surgery Workshop which is well attended and appreciated at the National Level.



**Sitting (L-R) :** Dr. Manish Munjal (Professor), Dr. Hemant Chopra (Professor & Head), Dr. Kapil Dua (Asst. Professor).

**Standing (L-R) :** Dr. Yogeshwar Singh, Dr. Deepti Jain, Dr. Suneet, Mrs. Darshana Ahuja (Steno), Dr. Karan, Dr. Vikrant Mittal.

## SPECIAL FACILITIES



### 1. Speech & Hearing Centre

State-of-the-art speech and hearing centre exists in the department. A dedicated speech therapist, Ms. Shivani Ganju is very popular with the patients and children who come for speech therapy. The centre is equipped with :

- Audiometers
- Tympanometers
- BERA
- Cribogram
- Group hearing aids

## 2. Neuro-otology Lab

It is located within the OPD premises and is used for special vestibular and facial nerve testing. It is equipped with:

- ENG
- Optokinetics
- Air/Water Calorics
- Facial Electroneuronography (Facial nerve stimulation)

## 3. State-of-the-art Microscopes

All kinds of microscopic laryngeal / ear surgeries are performed in the department. A newly acquired Video Microscope from Zeiss is available for latest surgeries in Otolaryngology & Laryngology.

## 4. Endoscopic Sinus Surgery

Latest equipment for endoscopic sinus surgery are available, the department enjoys the credit of quality surgery in this field. More than dozen papers have been recognized & awarded at various forums everywhere.

## 5. Fiberoptics

- Nasopharyngoscope
- Laryngoscope for diagnosis and

## SPECIALITY CLINICS

### Vertigo Clinic

Detailed assessment of cases with vertigo (labyrinthine origin)

### Tumour Clinic

Head and Neck cancer cases are taken up for comprehensive management and discussion.

## PUBLIC HEALTH EDUCATION

- ✓ Various camps are held at regular intervals for detection and prevention of hearing loss besides treating the patients having general ENT ailments.
- ✓ Patient awareness programme for cochlear implants in deaf mute children was organized in association with PIKA Medicare.
- ✓ Dr. Hemant Chopra is on the medical advisory board of vocational rehabilitation and training center (Govt.Institute) and of a privately run School for the

## TRAINING

Apart from routine PG teaching, this is the only department in the North West region to train the residents on Temporal and Cadaver Dissection.

The residents have the luxury of witnessing live surgery of endoscopic sinus surgery and micro ear surgeries on monitors available in the OT.



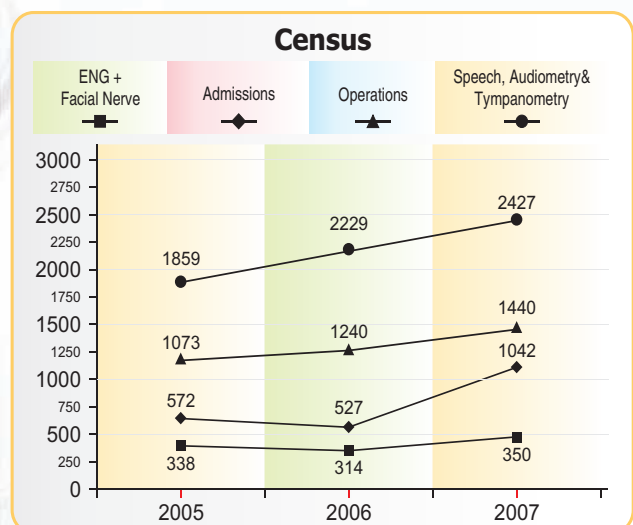
FESS in progress

## STRENGTHS

- ✓ Latest endoscopic sinus surgery extended to the surgery of Eye, Pituitary, CSF leak cases.
- ✓ Micro ear surgeries.
- ✓ Microlaryngeal surgeries.
- ✓ Neuro-otology.
- ✓ Speech & Hearing Centre.

## FURTHER PLANS

Department is actively considering to initiate Cochlear Implant Programme for Deaf /Mute



**POSITIONS**

- ✍ **Dr Jagdeep Whig** (Chest & TB) : Chairman, State Task Force of RNTCP.
- ✍ **Dr. Rajoo Singh Chhina** (Gastroenterology) : Executive Member of Nutritional Society of India
- ✍ **Dr Harmesh Singh Bains** (Pediatrics) : National Advisory Board Member of the IAP journal 'Indian Pediatrics'.
- ✍ **Dr. Vineeta Malhotra** (Pathology) : Member, Editorial Board of the Indian Journal of Pathology Microbiology.
- ✍ **Dr. Ashok K. Gupta** (Plastic Surgery) : President, North Zone Chapter of Plastic Surgeons Association.
- ✍ **Dr. Raj Kumar** (Microbiology) : President, North West Chapter of Indian Association of Medical Microbiologists.
- ✍ **Dr. G.S. Bajwa** (Ophthalmology) : Vice President, North Zone Ophthalmology Society.
- ✍ **Dr. P.L. Gautam** (Anaesthesia) : Secretary of ISA (Ludhiana Chapter).
- ✍ **Dr. Deepinder Chhina** (Microbiology) : Joint Secretary, North West Chapter of Indian Association of Medical Microbiologists.
- ✍ **Dr. M. Rupinder Singh** (Anaesthesia) : Jt. Secretary of ISA (Ludhiana Chapter).
- ✍ **Dr. Veenu Gupta** (Microbiology) : Treasurer, North West Chapter of Indian Association of Medical Microbiologists.
- ✍ **Dr. Alka Dogra** (Dermatology) : Executive Member Central Scientific Committee of Indian Association of Dermatologists, Venereologists and Leprologists.
- ✍ **Dr. Navjot Bajwa** (Bio-Chemistry) : Executive Member, Association of Medical Biochemists of India
- ✍ **Dr. Varinder Pal Singh** (Forensic Medicine) : Executive Member of Governing Council of Punjab Academy of Forensic Medicine & Toxicology.

**HONOURS**

- ✍ **Dr. Baldev Singh Aulakh** (Urology & Transplant) : Elected Member of Medical Council of India.
- ✍ **Dr. B.S. Shah** (Pathology) : Chairman of CME Accreditation Committee; Member of Ethical Committee, Punjab Medical Council & Honorary Secretary of Indian Medical Association, College of General Practitioners
- ✍ **Dr. Praveen C. Sobti** (Pediatrics) : Diplomate in Children's Environmental Health'.
- ✍ **Dr. Gagandeep Singh (Neurology)** : Honorary Senior Research Fellow in Institute of Neurology of University College of London (UCL).

**OVERSEAS VISITS**

- ✍ **Dr. Sandeep Puri** (Medicine) : Congress of European Society of Cardiology, Vienna-Austria.
- ✍ **Dr Rajoo Singh Chhina** (Gastroenterology) : Advanced Endoscopic Training in Endoscopic Mucosal Dissection and Double Balloon Enteroscopy at Jichi Medical University, Tochigi Japan
- ✍ **Dr. Alka Dogra** (Dermatology) : Third Dermatrends International Symposium held at Chiang Mai, Thailand.
- ✍ **Dr. M. Yamin** (Orthopaedics) : 'Asia-Pacific Arthroplasty Symposium in knee and hip joint replacement surgery' at Bangkok, Thailand.
- ✍ **Dr. Parambir Sandhu** (Radiology) : Clinical attachment programme at Singapore General Hospital
- ✍ **Dr. Deepinder Chhina** (Microbiology) : Jichi Medical University, Tochigi, Japan.
- ✍ **Dr. Satpal Singh Virk** (Gastrosurgery) : Australian Pancreatic Club, Sydney, Australia & Membership of Australasian Pancreatic Club
- ✍ **Dr. Rajnish Garg** (Orthopaedics) : 'Asia-Pacific Arthroplasty Symposium in knee and hip joint replacement surgery' at Bangkok, Thailand.
- ✍ **Dr. Kapil Dua** (ENT) : Chaim Sheba Medical Center, Tel-Aviv.
- ✍ **Dr Navpreet Kaur** (Biochemistry) : 'European Congress of Clinical Biochemistry' at Amsterdam, Netherlands.
- ✍ **Dr. Aman Dua** (Skin & V.D.) : Training in Hair Transplant at Tel Hashomer Hospital, Israel
- ✍ **Dr. Ashish Ahuja** (Surgery) : Australian Pancreatic Club, Sydney, Australia & Membership of Australasian Pancreatic Club

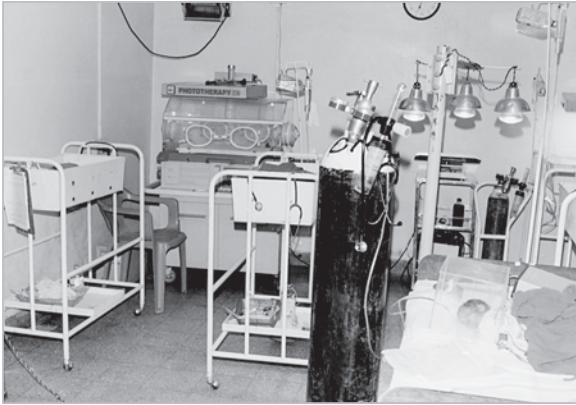
**OVERSEAS LECTURES**

- ✍ **Dr. Praveen C. Sobti** (Pediatrics) : at 25th International Congress of Pediatrics, Athens.
- ✍ **Dr. Puneet Aulakh Pooni** ( Pediatrics) : at 5th World Congress on Pediatric Critical Care at Geneva, Switzerland.
- ✍ **Dr. Deepak Jain** (Orthopaedics) : at 2007 Triennial Congress of Asia Pacific Orthopaedic Association in Seoul, Korea.

**AWARDS**

- ✍ **Dr. Rajoo Singh Chhina** (Gastroenterology) : Fellowship of National Academy of Medical Sciences (FAMS)
- ✍ **Dr. Devinder Singh Sandhu** (Medical Oncology) : Fellowship at Memorial Sloan Kettering Cancer Centre (MSKCC) New York.
- ✍ **Dr. Manish Munjal** (ENT) : 'Tuli Sunder Das Memorial Award' at North West Zonal Otorhinolaryngology conference at Amritsar, RHINOCON 2008 Gold Medal at Allahabad and 'Elie Aizer Sultan' foreign travel fellowship at Paris.

# Then & Now



## Neonatal Care Unit

The small nursery room of the 90s with simple cots, bulb warmers and oxygen cylinders have been replaced by a 18 bedded tertiary care Neonatal Unit equipped with state-of-art open care systems, haemodynamic monitoring, pulse oximeters, transport incubator, TPN facilities, infusion pumps, apnoea monitors, CPAP, walled oxygen / suction points and ventilators etc.

## Faculty Committees 2006 & 2007

### Medical Education Cell



**Left to Right**

**Sitting** : Dr. M.L. Gupta, Dr. Vineeta Malhotra, Dr. Daljit Singh (Chairperson), Dr. S.C. Chopra (Convenor), Dr. Poonam Singh

**Standing** : Dr. GPI Singh, Dr. Subhash Goyal, Dr. Sandeep Kaushal (Secretary), Dr. P.L. Gautam, \*Dr. Rajoo Singh Chhina, \*Dr.H.S. Bains, \*Dr. UPS Sidhu

### Newsletter Editorial Board (Capsule)



**Left to Right**

**Sitting** : Dr. Munish Munjal, Dr. H.S. Bains (Convenor), Dr. Daljit Singh (Chairperson), Dr. J.L. Bassi, Dr. Praveen C. Sobti (Secretary), Dr. Sandeep Kaushal

**Standing** : Dr. Anju Grewal, Dr. Anurag Chaudhary, Dr. Gautam Biswas, Dr. Rama Gupta

### Student Welfare Committee (P.G.)



**Left to Right**

**Sitting** : Dr. P.K. Goyal, Dr. Subhash Goyal, Dr. J. Whig (Chairperson), Dr. Neena Sood (Secretary), Dr. Anju Grewal

**Standing** : Dr. P.S. Nain, Dr. Sanjeev K.Singla, Dr. Deepak Jain, \*Dr. R.K. Grewal (Convenor), \*Dr.

### Computer Cell



**Left to Right**

**Sitting** : Dr. Puneet A. Pooni (Secretary), Dr. S.C. Chopra (Chairperson), Dr. Daljit Singh (Principal), Dr. Sanjeev Uppal (Convenor), Dr. Rama Gupta

**Standing** : Dr. Suneet Kant Kathuria, Dr. Vandana Kaushal, Mrs. Anshu Soni, Dr. Shalini Arora, Dr. Sanjeev Mahajan, \*Dr. Munish Munjal, \*Dr. Harpal

### Student Welfare Committee (U.G.)



**Left to Right**

**Sitting** : Dr. Raj Kumar, Dr. GPI Singh, Dr. J. Whig (Chairperson), Dr. Vineeta Malhotra (Secretary), Dr. Deepinder Kaur Chhina

**Standing** : Dr. G.S. Bajwa, Dr. Jasdeep Singh, \*Dr. R.K. Grewal (Convenor), \*Dr. Parambir Sandhu, \*Dr. Ranjiv Mahajan, \*Dr. Bharti Mahajan

### Alumni Executive Committee



**Left to Right**

**Sitting** : Dr. Ashok Gupta, Dr. M.L. Gupta, Dr. J. Whig (Chairperson), Dr. Sandeep Puri, Dr. Sunil Katyal

**Standing** : Dr. B.S.Shah, Dr. Sandeep Sharma, Dr. Rajinder Mittal (Secretary), Dr. Dinesh Jain, \*Dr. Tej K. Kaul (Convenor), \*Dr. Shalini Arora, \*Dr. Sanjeev Mahajan, \*Dr. Reema Sood

### Sports Committee



**Left to Right**

**Sitting** : Dr. Baldev Singh Aulakh (Secretary), Dr. G.S. Bajwa (Convenor), Dr. Rajoo Singh Chhina (Chairperson), Dr. Raj Kumar

**Standing** : Dr. P.L. Gautam, Dr. Rajnish Garg, Dr. Veenu Gupta, Dr. Shikha Gupta, Dr. Ravinder Pal Singh, Dr. P.S.Nain, \*Dr. Harpal Singh, \*Dr. Anurag

### Cultural Committee



**Left to Right**

**Sitting** : Dr. Sunil Juneja (Secretary), Dr. Harish Matta, Dr. Sandeep Puri (Chairperson), Dr. Jasdeep Singh, Dr. Kapil Dua

**Standing** : Dr. Deepinder Kaur Chhina, Dr. Navjot Kaur Bajwa (Convenor), Dr. Anurag Chaudhary, Dr. Suman Puri, \*Dr. Chiranjiv Singh

\* Not in picture

**HEALTH EDUCATION CELL** *Reaching out to all...*

Health Education Cell (HEC) was started in 1999 with the aim of reaching the common man with health related information. Lectures on various topics have been held by experts in their field in the common vernacular language. Sh. Prem Nath Gupta Ex-Secretary, DMCH Managing the guiding force behind the HEC with Dr. Rajoo Singh Chhina as the convenor. The question-answer sessions at the end of the lecture is the highlight and the simple language remains the toast of the audience.

Health Education Cell undertook many other activities with various departments :

- ✘ Mass Vaccination Camps : Hepatitis B
- ✘ Health Awareness Camps : Eye, Skin, Medical etc.
- ✘ Lectures at various forums : Schools, Colleges & Camps.
- ✘ Distribution of pamphlets on various health related issues especially AIDS, epilepsy, Hepatitis B and dengue.

**Future Directions :** An outreach programme for series of lectures on health education will be started in collaboration with various departments of DMCH, NSS units of various colleges and various NGOs interested in the social cause of health education.

**LECTURES ORGANISED**

- |   |   |   |
|---|---|---|
| <b>1st</b> <b>POPULATION &amp; DEVELOPMENT</b><br>Dr. B K Sharma, Ex-Director, PGIMER, Chd.                           | Dr. S Sarin, New Delhi.   | <b>30th</b> <b>SEIZURES IN CHILDHOOD, ITS PREVENTION &amp; MANAGEMENT</b><br>Dr. Pratibha Singhi, PGIMER, Chandigarh.         |
| <b>2nd</b> <b>AIDS</b><br>Dr. Rajan Gupta, USA.   | <b>16th</b> <b>ASTHMA HOME CARE &amp; PREVENTION</b><br>Dr. S K Jindal, PGIMER, Chandigarh.   | <b>31st</b> <b>PREVENTION-MANAGEMENT OF KNEE PAIN (OSTEOARTHRITIS)</b><br>Dr. S S Gill, PGIMER, Chandigarh.                   |
| <b>3rd</b> <b>PREVENTION OF CORONARY HEART DISEASE</b><br>Dr. Anil Grover, PGIMER Chandigarh.                         | <b>17th</b> <b>ALCOHOL AND ITS BAD EFFECTS ON HEART</b><br>Dr. R J Dash, PGIMER, Chandigarh.  | <b>32nd</b> <b>OSTEOPOROSIS-PREVENTION &amp; MANAGEMENT</b><br>Dr. S C Ahuja, Principal, DMCH.                                |
| <b>4th</b> <b>OBESITY DIET NUTRITION AND FITNESS</b><br>Ms. Poonam Chandra, New Delhi.                                | <b>18th</b> <b>BREAST CANCER</b><br>Dr. J D Whig, PGIMER, Chandigarh.   | <b>33rd</b> <b>MODERN MEDICINE AND THE COMMON MAN</b><br>Dr. B N S Walia, Ex. Dir., PGIMER, Chandigarh.                       |
| <b>5th</b> <b>POLLUTION (WATER &amp; NOISE) AND ITS KILLING EFFECTS</b><br>Dr. N S Tiwana, Chairman, Pollution Board. | <b>19th</b> <b>PREVENTION OF HEART ATTACK</b><br>Dr. K K Talwar, AIIMS, New Delhi.  | <b>34th</b> <b>CANCER BREAST - PREVENTION &amp; MANAGEMENT</b><br>Dr. Ravinder Singh, DRME, Punjab.                           |
| <b>6th</b> <b>AIDS PRESENT SCENARIO</b><br>Dr. L M Nath, WHO Consultant, New Delhi.                                   | <b>20th</b> <b>MANAGEMENT OF HEART ATTACK</b><br>Dr. Vijay Mohan Kohli, Cardiac Surgeon, HDHI.  | <b>35th</b> <b>HEALTHY MIND &amp; HEALTHY BODY</b><br>Dr. Prem Masand.  |
| <b>7th</b> <b>INTUNE WITH THE INFINITE</b><br>Swami Adhyatmananda.  | <b>21st</b> <b>MEDITATION THROUGH MUSIC</b><br>Dr. Trilok Chand, Gurukul Kangri University.   | <b>36th</b> <b>BEING STROKE SMART</b><br>Dr. Mehndiratta, GB Pant Hospital, New Delhi.  |
| <b>8th</b> <b>HIGH BLOOD PRESSURE. ITS TREATMENT AND PREVENTION</b><br>Dr. H S Wasir, AIIMS, New Delhi.               | <b>22nd</b> <b>HEALTH OF THE PEOPLE AND THE ROLE OF THE HUMAN RIGHTS COMMISSION</b><br>Mr. J S Verma, Chairperson, Human Rights Commission. | <b>37th</b> <b>DENGUE-PREVENTION &amp; MANAGEMENT</b><br>Dr. Subash Verma, PGIMER, Chandigarh.                                |
| <b>9th</b> <b>DIABETES HOME CARE AND PREVENTION OF COMPLICATIONS</b><br>Dr. R J Dash, PGIMER, Chandigarh.             | <b>23rd</b> <b>HYPERTENSION</b><br>Dr. B K Sharma, PGIMER, Chandigarh.  | <b>38th</b> <b>MEDITATION</b><br>Swami Subodhananda.  |
| <b>10th</b> <b>ROAD SAFETY</b><br>Dr. Dinesh Mohan, New Delhi.  | <b>24th</b> <b>HEALTH IN YOUR HANDS</b><br>Dr. Harcharan Singh, Advisor, Planning Commission, Govt. of India.                               | <b>39th</b> <b>AIDS</b><br>Dr. L M Nath, WHO Consultant, New Delhi.   |
| <b>11th</b> <b>YOGA AND HEALTH OF HEART</b><br>Dr. Manchanda, AIIMS, New Delhi.                                       | <b>25th</b> <b>AIDS IN INDIA</b><br>Dr. I S Gilada, Secy. General, IHO Mumbai.  | <b>40th</b> <b>EARLY RECOGNITION AND PREVENTION OF BRAIN ATTACK (STROKE)</b><br>Dr. M V Padma, AIIMS, New Delhi.              |
| <b>12th</b> <b>CRISIS OF DISCIPLINE AND YOGA</b><br>Swami Adhyatmananda.  | <b>26th</b> <b>AYURVEDA-ALTERNATIVE SYSTEM OF MEDICINE</b><br>Dr. Madan Gulati, Chandigarh.   | <b>41st</b> <b>NATURAL HEALING AND SPIRITUAL COUNSELING</b><br>Dr. J Lal, Clinical Hypotherapist & AURA Specialist, New York. |
| <b>13th</b> <b>EPILEPSY</b><br>Dr. S Jain, AIIMS, New Delhi.  | <b>27th</b> <b>STRATEGIES TO PREVENT ON SLAUGHT OF CORONARY HEART DISEASE IN INDIA</b><br>Dr. G S Saini, Jaslok Hospital, Mumbai.           |   |
| <b>14th</b> <b>FIGHT THE CANCER</b><br>Dr. S M Bose, PGIMER, Chandigarh.  | <b>28th</b> <b>CATARACT &amp; COMMON EYE DISEASES</b><br>Dr. P K Khosla, RP Centre, AIIMS, New  |   |



## LAPAROSCOPIC SURGERY *Keyhole to Success.....*

Reducing the size of incisions has been a dream of surgeons for thousands of years. In 1901, George Kelling was the first person to perform a laparoscopy on a dog followed by first laparoscopy in human in 1911 by the Swedish doctor H. C. Jacobsen. Up to the 1970s, laparoscopy was mainly used by gynaecologists. In the 1980s, the development of small, high-resolution television cameras made the laparoscope a more effective tool for operating inside the abdominal cavity.

Laparoscopic surgery, also called minimally invasive surgery (MIS), bandaid surgery, keyhole surgery, belly button surgery or pinhole surgery is a modern surgical technique in which operations in the abdomen or pelvic cavity are performed through small incisions (0.5-1.5cm) to diagnose and treat many different conditions.

The procedure is performed with the assistance of a video camera and several thin instruments. Small incisions are made and plastic or metallic tubes called ports are placed through these incisions. The camera and the instruments are then introduced through the ports which allow access to the inside of the patient. The camera transmits an image of the organs inside the abdomen onto a television monitor.

### ADVANTAGES OF LAPAROSCOPY

For patients, laparoscopic surgery means less trauma to the body, less blood loss, smaller surgical scars, less internal scarring and less need for pain medication. Patients leave the hospital sooner after minimally invasive surgery and return to normal activities sooner than with conventional open surgery. Reduced exposure of internal organs leads to less chance of infection.

### ADVANCED LAPAROSCOPY IN DMCH

Laparoscopic surgery in the institution started in 1996 and since then there has been no looking back and more than 2000 surgeries have been performed laparoscopically.

The DMCH provides State-of-the-Art laparoscopic surgery for a variety of Abdominal, Thoracic, Urological and Gynaecological conditions.

DMCH has one of the largest and most experienced minimally invasive surgery practices in Punjab,

more than 500 procedures each year. Minimally invasive surgery is performed both on an inpatient (stay in the hospital) and outpatient (go home the same day) basis.

### PATTERN OF LAPAROSCOPIC SURGERIES AT DMCH – 2007

- ❑ *Lap Cholecystectomy (72.0%)*
- ❑ *Lap Hernia (6.3%)*
- ❑ *Lap Nephrectomy (3.9%)*
- ❑ *Diagnostic Laparoscopy (3.7%)*
- ❑ *Lap Appendectomy (2.9%)*
- ❑ *Thoracoscopy (0.5%)*

### LAPAROSCOPIC ABDOMINAL SURGERY

- ❑ Adrenalectomy
- ❑ Appendectomy
- ❑ Repair of Diaphragmatic Hernia
- ❑ Gall bladder surgery
- ❑ Inguinal hernia repair
- ❑ Lymph node biopsy
- ❑ Procedures for liver cysts
- ❑ Splenectomy
- ❑ Hemicolectomy
- ❑ Abdominoperineal operation
- ❑ Umbilical hernia repair
- ❑ Ventral hernia repair
- ❑ Repair of hiatal hernias
- ❑ Diagnostic laparoscopy
- ❑ Fundoplication for gastroesophageal reflux disease (GERD)



### LAPAROSCOPIC UROLOGY

- ❑ Donor Nephrectomy
- ❑ Nephrectomy
- ❑ Pyeloplasty
- ❑ Cyst unroofing or decortication

### GYNECOLOGIC SURGERY

- ❑ Diagnostic Laparoscopy
- ❑ Hysterectomy
- ❑ Removal of benign ovarian cysts
- ❑ Treatment of pelvic endometriosis

### FUTURE PLAN

#### Robotic Surgery

- DMCH is equipped with modern world-class surgical equipment and latest gadgets. The institution plans to extend the laparoscopic procedures to pancreatic surgery, hepatobiliary, vascular and bariatric surgery.

# Campus Blitz

## Communal Harmony Week

**Flag Day**  
23rd Nov, 2007



This annual event was celebrated with great national fervour by enthusiastic participation of medical and nursing students. Choreography presentations, skits, poster and slogan competition, and declamation contest marked the occasion.

## IAP Quiz for UGs and PGs

Department of Pediatrics at DMCH organised a series of quiz programmes including College Round of 20th Indian Academy of Pediatrics (IAP) "Pediatric Quiz" for the Under- graduates and the state round of 1st IAP Quiz for



Welcome Freshers !!



MBBS Freshers of 2007 batch being accorded a warm welcome

## Counselling for PG Courses



Counselling for PG Courses in all the Punjab Colleges being conducted by the selection committee of BFUHS, Faridkot

## Cricket Fever Faculty Match

DMC Blue (Medical Specialities) v/s DMC Red (Surgical Specialities)  
Team Red won the match with a display of aggressive batting.



# Alumni Meet

DMC Alumni Committee under the umbrella of the DMC Old Students Association (DMCOSA), organized Annual DMC Alumni Meet on 23rd December, 2007. It was a nostalgic evening walking down memory lane by revisiting those memorable college years, renewing old acquaintances and getting a chance to catch up with old classmates, teachers and many sweet memories. In keeping with tradition, Alumni Committee made the guests feel special by felicitating the batches of 1979 and 1982 and presenting them with special mementos. Around 300 alumni of the college, now established doctors in India and abroad, attended the event. During the meet, the alumni were requested to get themselves registered on the website [www.dmchalumni.org](http://www.dmchalumni.org) for procuring an Alumnus Card. A wonderful



For memories sake.....



Outgoing MBBS Batch 2003

- (Lto R) **Sitting 1st Row :** Dr. Gautam Biswas (Forensic Medicine), Dr. Sunit Katyal (Anaesthesia), Dr. Alka Dogra (Dermatology), Dr. Namita Budhiraja (Dentistry), Dr. Navjot Bajwa (Bio-Chemistry), Dr. Lily Wallia (Physiology), Dr. Vineeta Malhotra (Pathology), Dean Academics Dr. S.C. Chopra (Pharmacology), Principal Dr. Daljit Singh (Pediatrics), Dr. ML Gupta (Surgery), Vice Principal Dr. J Whig (Chest), Medical Supdt. (P) Dr. Rajoo Singh Chhina (Gastroenterology), Medical Supdt. Dr. Sandeep Puri (Medicine), Dr. J.L. Bassi (Orthopaedics), Dr. Hemant Chopra (ENT), Dr. H.S. Bains (Pediatrics), Dr. Raj Kumar (Microbiology).
- (Lto R) **Standing 1st Row :** Rupali Lohoria, Isha Bansal, Harleen Kaur, Satwant Bhullar, Chandani Kansal, Madhuri Jaitley, Amandeep Kaur, Nidhi Kalhotra, Surneet Kaur, Amarpreet Kaur, Sheenam Sharma, Priyanka Thukral, Navneet Kaur, Shivnaveen Bains, Manpreet Kaur, Alka Rani, Kirandeep, Harita Kaur, Binder Kaur, Gurkirat Kaur Gill, Shubhdeep Kaur, Manpreet Kaur
- 2nd Row :** Sukriti Kamboj, Sangeeta, Jaskiran Kaur, Harsimran Preet, Sandeep K. Sandhu, Swati, Shikha Madan, Gesu Singla, Shenu, Geetanjali Aggarwal, Harsha Gupta, Neha Bhagi, Amanjeet Kaur, Neena Dogra, Maitri Bhandari, Pawani Sachar, Amit Mehta, Gurnoor Kaur.
- 3rd Row :** Mohit Shukla, Gurpal Singh, Anuj Jain, Ravi Karan Sehgal, Harjinder Pal, Harinder Rana, Varinder Joshi, Nitish Mahajan, Vikrant Nagra, Vivek Bansal, Pahu Preet Singh, Munish Kumar, Shamim Monga, Mandeep Singh, Gagandeep Singh, Himanshu Bansal
- 4th Row :** Parambir Dulai, Harkirat Bhullar, Ramneesh Goal, Rajan Garg, Paras Sharma, Narinder Kanwal, Abhinav Sharma, Jaswinder Singh, Danish Kathuria, Varun Aggarwal.

# DAYANAND MEDICAL COLLEGE & HOSPITAL, LUDHIANA, PUNJAB

## SPECIAL PATIENT CARE FACILITIES & SERVICES

### SPECIALITIES

#### ANAESTHESIOLOGY

Digital Anaesthesia Work Station  
Round the Clock Resuscitation Services  
Management of Acute and Chronic Pain

#### DENTAL

Specialized Bridge Work, Implantation  
Orthodontics

#### DERMATOLOGY

Blend Technique for Hair Removal  
Radiofrequency Ablation  
Full Body PUVA Unit  
Pulse Therapy for Vesiculobullous & Collagen Disorders

#### DIAGNOSTIC LAB SERVICES

Complete Automated Biochemistry Lab  
Radio Immuno Assay Lab  
Automated Haematology Services  
IMX, Automated Electrophoresis  
Advanced HIV Lab, Bactec Culture Facility  
PCR

#### 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

#### EYE

Advanced Vitreoretinal Surgeries  
Phaco, Glucoma & Squint Surgeries  
Medical Retina & Lasers  
Photo Dynamic Therapy  
Computerised Perimetry  
Corneal Grafting

#### MEDICINE

General Medicine

Critical Care Unit & Medical ICU  
Rheumatology Service  
Emergency Medicine Services  
HIV Clinic

#### OBSTETRICS AND GYNAECOLOGY

Laparoscopic Gynae Surgery  
Institutional Family Welfare Unit  
Packages for normal delivery & elective LSCS

#### ORTHOPAEDICS

Spine Surgery for fixation with Rods and Plates  
Arthroplasty for Hip, Knee, Shoulder & Elbow Replacement  
Comprehensive Diabetic Foot Management  
Congenital Deformity Correction

#### TRAUMA

State-of-art services for multiple injuries

#### PEDIATRICS

Advanced Nursery Care with ultra modern facilities  
Well equipped Pediatric ICU  
Pediatric Haemato Oncology Section for Thalassemics  
Speciality Clinics :  
Child welfare clinic, Gastroenterology clinic  
High risk clinic, Asthma clinic, Seizure clinic  
Clinic for adolescents & behaviour disorders in children

#### PHYSIOTHERAPY

Exercise programme for Ortho and Neurological patients  
Special rehabilitational programmes for Stroke and Trauma Patients, Occupational Therapy  
Cerebral Palsy Clinic

#### PSYCHIATRY

De-addiction, Child Psychiatry  
Family & Marital Counseling

#### RADIO DIAGNOSIS

Ultrasound  
MRI and Spiral CT of Whole Body  
Interventional Radiology

#### TRANSFUSION MEDICINE

Optimal Immunochromatographic Technique  
Screening for Transfusion Transmitted Infections  
Gel Technique, Safe Blood Supply

#### SURGERY

General Surgery

Laparoscopic Surgery  
Surgical ICU

### SUPER SPECIALITIES

#### MEDICAL

Endocrinology  
Gastroenterology

Nephrology

Neurology  
Oncology  
Chest

Intensive Control of Diabetes & Hormonal Disorders  
Video Endoscopy, ERCP, Colonoscopy, Double Balloon  
Enteroscopy  
Haemodialysis/CAPD, Continuous Venovenous  
Dialysis (CV VH & CVVHD)  
Stroke ICU, Sleep Lab, EMG, Digital EEG  
Day Care Services  
Pulmonary Critical Care Unit, DOTS-Tuberculosis Centre,  
Asthma Clinic, Bronchoscopy, Sleep Lab.

#### SURGICAL

Neurosurgery  
Pediatric Surgery  
Plastic Surgery

Urology

GI Surgery

Stereotactic Surgery, Neurosurgery ICU  
Specialised Surgery of Neonates  
Reconstructive and Cosmetic Surgery,  
Burns ICU  
Endourology, PCNL, Lithoclast,  
Renal Transplant  
Specialised Surgery of Hepato-Biliary,  
Pancreatic & Digestive Tract

### CARDIOLOGY AND CARDIAC SURGERY

#### UNIT : HERO DMC HEART INSTITUTE

- Echo, TMT, Carotid Doppler
- Coronary, Renal, Cerebral, Peripheral Angiography and Angioplasty
- Single Chamber, Dual Chamber and Biventricular Pacemaker

- Beating Heart Surgery, Valve Replacement, Adult Congenital Surgery
- Aneurysmectomy and Reduction Ventriculoplasty
- Executive Health Check- Up Clinic

#### Empanelled Agencies

- ✚ ECHS
- ✚ BSNL
- ✚ FCI
- ✚ CWC
- ✚ ESI
- ✚ SAIL
- ✚ Raksha
- ✚ Genins
- ✚ Paramount
- ✚ Medicare
- ✚ TTK
- ✚ Safeway
- ✚ E-Meditek
- ✚ Med Save
- ✚ Hero Group
- ✚ Cremica
- ✚ Nestle
- ✚ Bajaj Allianz
- ✚ DHS
- ✚ Vipul
- ✚ Park Mediclaim
- ✚ Smile Train Project
- ✚ National Fertilizer Ltd.
- ✚ SBI (Retired employees)
- ✚ Family Health Plan Limited
- ✚ Focus Health Care
- ✚ United Health Insurance
- ✚ Radha Swami Satsang
- ✚ Satluj Club
- ✚ Krishna Charitable Trust
- ✚ PAU
- ✚ CIPHET PAU



ISO 9001:2000  
CERTIFIED LAB

Quality certification  
of diagnostic laboratories,  
transfusion services and heart institute



#### Editorial Team

**Sitting (L-R)** Dr. P.K. Goyal, Dr. Praveen C. Sobti, Dr. Daljit Singh (Editor-in-Chief), Dr. Rajoo Singh Chhina (Associate Editor), Dr. Suneet Kant Katheria (Secretary)

**Standing (L-R)** Dr. Mirley Rupinder Singh, Dr. Kanchan Gupta, Dr. Dinesh Garg, Dr. Shikha Gupta, Dr. Sarit Sharma, Mr. Aayush Chaku (Public Relations Officer)

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**Emergency**

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