



# DCF NEWS LETTER

**DHARAMSHILA CANCER FOUNDATION AND RESEARCH CENTRE**  
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Vol. 14 No.147 INDIA'S FIRST AND ONLY NABH ACCREDITED CANCER HOSPITAL WITH NABL ACCREDITED LAB JANUARY 2011



Dear Friends,

*A Very Happy and Prosperous New Year. May God bless you with Health, Wealth, Contentment and Peace.*

We are celebrating New Year with another pioneering step i.e. equipping our consultants with a most powerful weapon to fight cancer, for the first time in Delhi. Our Third Linear Accelerator Elekta Synergy VMAT delivers targeted radiation with the help of highly sophisticated software like missile from a computerized satellite. It delivers IGRT, IMRT, SRS, SRT, SBRT with Arc Therapy.

**INTENSITY MODULATED RADIATION THERAPY (IMRT)** was started by us in 2005 but now it will be delivered through VMAT techniques in a continuous arc around patient, effectively reducing integral dose to one tenth and treatment time to one sixth. It is being used for cancers of brain, head and neck, cervix, rectum and lymphomas.

**IMAGE GUIDED RADIATION THERAPY (IGRT)** is most suitable for organs that move with respiration. It is used for treating cancers of the lung, prostate, urinary bladder, breast, pancreas, gall bladder, liver and mobile portions of the tongue.

**STEREOTACTIC RADIOSURGERY/ STEREOTACTIC RADIOTHERAPY (SRS / SRT)** is a non invasive procedure best suited for treating intracranial tumours, Vascular malformations and small extra cranial lesions. Significantly higher doses of radiation are delivered in 1 – 5 treatment sessions at fraction of the cost with cyber knife and Gamma knife.

**STEREOTACTIC BODY RADIATION THERAPY (SBRT)** is used for patients with spinal, Paraspinal, lung tumours and any tumour near critical parts like eye.

**PATIENT'S BENEFITS**

- Personalized, Safe, Efficient and High Quality Radiation
- Enhanced dose conformance as per tumour size, shape and Pathology
- Reduced (1/10<sup>th</sup>) total radiation dose to prevent secondary tumours
- Reduced treatment time (1/6<sup>th</sup>) to prevent inconvenience.
- Minimal side effects / complications
- Higher tumour control probability

**PHYSICIAN'S BENEFITS**

- Portal imaging and CBCT for patient position verification.
- Largest (40 cm X 40 cm) uninterrupted field size.
- Sequence mode imaging allowing true evaluation of patient motion during treatment.
- Image and treat patients at the same frame of reference, visualizing soft tissue details.
- Ultralow dose and 3D Volumetric Imaging to minimize treatment margins without compromising safety.
- Modulating radiation intensity with single / multiple super imposing arcs.
- 4D adaptive IGRT and fastest delivery of IMRT plans.

In spite of the fact this is the most expensive and top notch technology, your patients will be paying much less than any other cancer hospital of India.

I am sure you would have already registered for our forthcoming International Oncology Conference 2011 on 29<sup>th</sup> and 30<sup>th</sup> January 2011. The final programme is overleaf.

Looking forward to meet you at the conference.

**Dr. S. Khanna**  
Executive Director



**NEW LINEAR ACCELERATOR WITH TRIPLE ENERGY AND VOLUMETRIC MODULATED ARC THERAPY**

**Inauguration of CONFERENCE AND ORATIONS**

*followed by*

**COCKTAILS & DINNER**

*Saturday, January 29, 2011*

*from 7.30pm onwards*

*at Radisson Hotel*

*Sector 18, Noida*

|  |  |                      |
|--|--|----------------------|
| Inauguration with Lighting of the Lamp and Welcome Address by Dr. S. Khanna, Executive Director, Dharamshila Hospital And Research Centre, Delhi |  | 07:30 pm to 07:45 pm |
| <b>THIRD DHRC ORATION</b><br>"Clinical Results of Function Preserving Surgeries for very low Rectal Cancers"                                     | <b>Dr. Masaaki Ito</b><br>Surgeon<br>National Cancer Centre,<br>Kashiwa, Japan   | 07:45 pm to 08:30 pm |
| <b>DCF ORATION</b><br>"Clinical Applications of VMAT Technology in Radiation Therapy"  | <b>Dr. Ronald Kersh</b><br>Director<br>Radiation Oncology<br>Riverside,<br>Radiosurgery Centre<br>University of<br>Virginia, USA | 08:30 pm to 09:15 pm |

*followed by Cocktails & Dinner*

## FINAL PROGRAMME

# INTERNATIONAL ONCOLOGY CONGRESS 2011

### WORKSHOP, LIVE DEMONSTRATION AND VIDEO SESSIONS

Saturday, January 29, 2011 from 8:30 AM to 6:00 PM  
At Dharamshila Hospital And Research Centre, Vasundhara Enclave, Delhi

### Scientific Programme – Day I

Registration 08:30 AM onwards

| TOPIC  | SPEAKER  | TIME             |
|--|--|------------------|
| Introduction of D2-D3 Gastric Resection            | Dr. Takahiro Kinoshita, Division of Gastric Surgery, Department of Surgical Oncology, National Cancer Center Hospital East, Kashiwa, Japan | 09:00 -10:00 AM  |
| D2-D3 Gastric Resection from the operation theatre | Dr. Takahiro Kinoshita, Division of Gastric Surgery, Department of Surgical Oncology, National Cancer Center Hospital East, Kashiwa, Japan | 10:00 AM onwards |

### LUNCH 01:30 – 2:30 PM

### Live Demonstration and Video Session on Endoscopic Intervention in G.I. Malignancies

|  |  |                  |
|--|--|------------------|
| Esophageal Stenting / ERCP & Stenting / PTBD | Dr. Deepak Lahoti, Consultant Gastroenterology, DHRC, Delhi<br>Dr. Deepak Hans, Interventional Radiologist, DHRC, Delhi                    | 02.30 - 03:30 PM |
| Laparoscopic Radical Gastrectomy             | Dr. Takahiro Kinoshita, Division of Gastric Surgery, Department of Surgical Oncology, National Cancer Center Hospital East, Kashiwa, Japan | 03:30 - 04:00 PM |
| Hepatic Resection                            | Dr. Munemasa Ryu, Director, Chiba Cancer Centre, Chiba, Japan  | 04:00 - 04:30 PM |
| Laparoscopic Colonic Resection               | Dr. Masaaki Ito, Chief, Department of Colorectal & Pelvic Surgery, National Center Hospital East, Kashiwa, Japan                           | 04:30 - 05:00 PM |
| Post – Surgical Pain Management              | Prof. (Dr.) P.N. Jain, Department of Anesthesiology, Critical Care and Pain, T.M.C, Mumbai   | 05:30 - 05:50 PM |

### CONFERENCE ON EMERGING TRENDS IN G.I. MALIGNANCIES

Sunday, January 30, 2011 from 9 AM to 5:30 PM  
At India Habitat Centre, Lodhi Road, Delhi

### Scientific Programme – Day II

Registration 08:30 AM onwards

### Session I GALL BLADDER & BILE-DUCT MALIGNANCIES (9:00 - 10:20 AM)

| TOPIC  | SPEAKER   | TIME             |
|--|---|------------------|
| New Protocols in Cholangio Carcinoma/ Ca. Gall Bladder | Prof. A. K. Dhar, Deptt. of Medical Oncology, R & R Hospital, Delhi | 09:00 - 09:20 AM |
| Radiotherapy for Gastric and Gall Bladder Malignancies | Dr. S. Shrivastava, Head of Deptt. Radiation Oncology, TMC, Mumbai  | 09:20 - 09:40 AM |
| Anatomical Resections for Gall Bladder Cancer          | Dr. Munemasa Ryu, Director, Chiba Cancer Centre, Chiba, Japan       | 09:40 - 10:00 AM |
| Discussion   |   | 10:00 - 10:20 AM |

### TEA BREAK 10:20 – 10:50 AM

**Session II GASTRIC CANCER (10:50 AM - 12:10 PM)**

|                                      |  |                  |
|--------------------------------------|--|------------------|
| Management of Early Gastric Cancer   | Dr. Vijay Kumar, Professor of Surgical Oncology, Kidwai Memorial Institute of Oncology, Bengaluru  | 10:50 - 11:10 AM |
| Endoscopic Mucosal Resection         | Dr. Tetsumori Koh, Surgeon, Chiba Cancer Centre, Chiba, Japan  | 11:10 - 11:30 AM |
| Carcinoma Stomach D2 Vs D3 Resection | Dr. Takahiro Kinoshita, Division of Gastric Surgery, Department of Surgical Oncology, National Cancer Center Hospital East, Kashiwa, Japan | 11:30 - 11:50 AM |
| Discussion                           | 11:50 A.M.- 12:10 P.M  |                  |

**Session III EMERGING TRENDS IN COLORECTAL CANCER (12:10 - 01:30 PM)**

|   |   |                  |
|---|---|------------------|
| K-Ras and its role in Colorectal Malignancy               | Dr. S. K. Panda, HOD - Pathology  | 12:10 - 12:30 AM |
| Targeted/ Biological Therapies in Colorectal Malignancies | Dr. Shenthil Rajappa, Medical Oncologist, Indo – American Cancer Institute and Research Centre, Hyderabad   | 12:30 - 12:50 PM |
| Radiation Therapy in Colorectal Cancer                    | Dr. S.C. Sharma, Professor & Head, Dept. of Radiotherapy, PGIMER, Chandigarh                                | 12:50 - 01:10 PM |
| IGRT and beyond   | Dr. Ronald Kersh, Director, Radiation Oncology, Riverside, Radiosurgery Centre, University of Virginia, USA | 01:10 - 01:30 PM |

**LUNCH 01:30 – 2:30 PM**

|   |   |                  |
|---|---|------------------|
| Guest Lecture on Gastrointestinal Stromal Tumours | Dr. Shailesh V. Shrikhande, Professor G.I. Surgery, TMC, Mumbai | 02:30 - 03:15 PM |
|---|---|------------------|

**Session IV PANEL DISCUSSION MUO Abdomen the Dilemma Continues (03:15 - 04:45 PM)**  
Moderator, Dr. Meenu Walia, Consultant, Medical Oncology, Dharamshila Hospital, Delhi

|                              |  |                  |
|------------------------------|--|------------------|
| Role of Radiologist (PET)    | Dr. Rakesh Kumar, Associate Professor Nuclear Medicine, AIIMS, Delhi       | 03:15 - 03:30 PM |
| Role of Pathologist          | Prof.(Dr.) R. Dawar, HOD, Pathology and Transfusion Medicine , DHRC, Delhi | 03:30 - 03:45 PM |
| Role of Medical Oncologist   | Dr. K. M. Parthasarthy, Consultant Medical Oncology, DHRC, Delhi           | 03:45 - 04:00 PM |
| Role of Gastroenterologist   | Dr. Pankaj Singh, Consultant Gastroenterology, DHRC, Delhi                 | 04:00 - 04:15 PM |
| Role of Gynecologist         | Dr. Kamlesh Mishra, Consultant Gynecology, DHRC, Delhi                     | 04:15 - 04:30 PM |
| Role of Radiation Oncologist | Dr. H.M. Agarwal, Consultant Radiation oncology, DHRC, Delhi               | 04:30 - 04:45 PM |

**Session V ONCO QUIZ**  
Dr. Anshuman Kumar, Consultant Surgical (04:45 - 05:15 PM)  
Oncology, DHRC, Delhi

|   |  |                  |
|---|--|------------------|
| VALEDICTORY FUNCTION<br>Prize Distribution and Vote of Thanks |  | 05:15 - 05:30 PM |
|---|--|------------------|

TEA



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*If undelivered please return to:*

**Dharamshila Cancer Foundation And Research Centre**  
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### Facilities Available

#### THERAPEUTIC

- Linear Accelerators with IMRT, IGRT, SBRT, SRS / SRT with VMAT Radiation Technology
- Microselectron HDR with TCS
- Treatment Planning Systems like Monaco, with Monte Carlo Algorithm, ERGO++, CMSXiO and Eclipse
- Spiral C.T. Simulation
- Full range of routine and high risk surgeries
- Chemotherapy
- Radio Frequency Ablation
- Blood and Blood Component Therapy
- Intensive Care
- Dialysis
- Rehabilitation
- Audiology & Speech Therapy
- Pain Relief and Supportive care
- 300 Beds

#### DIAGNOSTIC

- Whole-Body, High Speed, Dual Slice C.T. Scanner
- Nuclear Scans (Bone, Thyroid, Thallium and Others)
- Mammography
- Ultrasonography with Colour Doppler (with all probes)
- Echocardiography
- Digital X - Ray
- TMT, ECG, Spirometry, Holter monitoring
- Videoendoscopies (Full range)
- Cytology including FNAs & guided FNAs
- Histopathology with frozen
- Immunohistochemistry Tumors Markers
- All other Lab Investigations

#### EDUCATION & RESEARCH

- DNB Programmes in Medical Oncology, Surgical Oncology and Radiation Oncology
- Diplomas for Technicians
- Post basic Diploma in Nursing Oncology
- Fellowship in Surgical Oncology and Oncopathology
- Scientific Conferences
- Continuous Medical Education Programmes
- Participation in International-National Research Projects including completion of gene therapy project.

#### PREVENTIVE & SUPPORTIVE SERVICES

- Annual Health Checkups
- Cancer Screening Clinics
- Free Cancer Detection Camps
- Cancer Education (Public Lectures)
- Boarding and lodging facilities for outstation patients and attendants.
- Blood Bank