



**Western Chapter , AMPI
announces a
Seminar on**

Adaptive Radiotherapy



21st September 2013

**At
Advanced Center for Treatment, Research
and Education in Cancer**



Patrons : Dr R. Sarin
Dr. S.K. Shrivastav
Dr. D. D. Deshpande
Dr. S. D. Sharma

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Mrs. S.V. Jamema
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Mr. Suresh Chaudhari
Dr. Tejpal Gupta
Dr. V. Murthy
Dr. Ashwini Budrukhar
Dr. Supriya Chopra
Dr. Tabbasum
Mr. S. Sahoo
Mr. Sunil Khernar
Mr. Ajay Mishra

Venue:

**Auditorium,
Khanolkar Shodika,
Advanced Centre for Treatment, Research
and Education in Cancer (ACTREC).
TMC, Kharghar,
Navi-Mumbai :410210.**

Dear Colleagues,

Recent advances in Radiation Oncology has rapidly changed the scenario of radiotherapy. The advanced radiation therapy techniques like IMRT and IGRT have facilitated higher tumor dose with reduction of CTV to PTV margin, thereby lessening the normal tissue exposed. However changes in tumor size during the course of treatments can have dosimetric impact, thereby increasing the need for periodic plan adaptation. I on behalf of Western chapter AMPI, cordially invite you to attend one day seminar on '**Adaptive Radiotherapy**'. Medical Physicists /Doctors can participate by sending an email to rphurailatpam@actrec.gov.in cc to spaul@actrec.gov.in latest by 10th September, 2013 with the following details.

Name:
Position:
Hospital/Institute:
Address:
Mobile No:
Email id:

SCIENTIFIC PROGRAMME

Time	Topic
09.00 - 09.10	Opening remarks
Director, ACTREC	
09.10 - 09.20	Future perspective of Advance Technology
Dr. S. K. Shivastava	
09.20 - 09.30	Welcome address & introduction of speakers
Dr. D. D. Deshpande	
09:30-10:00	Adaptive Radiotherapy: Benefits & challenges clinician perspective.
Dr Tejpal Gupta,	

Time	Topic
10.00 -10.30	Image acquisition and image processing for adaptive radiotherapy
Dr R A Kinhikar	
15.40 - 16.00	Tea break
10.45 - 11.15	Role of Deformable registration in Adaptive radiotherapy
Ms S. V. Jamema	
11.15 - 11.35	Treatment plan optimization for adaptive radiotherapy
Mr.Sachin Patkar	
11.35- 11.55	Adaptive Radiotherapy in H & N
Dr. Ashwini Budrukkar	
11.55 - 12.15	Adaptive Radiotherapy with MVCBCT
Dr. Vedang Murthy	
12.15 - 12.45	Uncertainties and limitations of Adaptive Radiotherapy
Mr. S. Dayanand	
12.45 - 13.30	Lunch
13.30 - 14.00	Image Guided Adaptive Brachytherapy – H&N, Breast, Cervix
Mr. Ritu Raj Upreti	
14.00 - 14.30	Quality Assurance in Adaptive radiotherapy
Ms. Reena Ph	
14.30 - 15.30	Panel Discussion: Challenges in implementing adaptive radiotherapy with limited resources
Dr. S. D. Sharma, Mr. Sathiyarayan, Mr. S. Deshpande, Dr. Tejpal Gupta	
15.30 - 15.40	Concluding remark
Mr. A.M. Pendse, Chairman, WC, AMPI	
15.40 - 16.00	Tea break
16.00 - 17.30	AMPI General Body Meeting