

1ST



APOLLO ANNUAL PROTON PRACTICUM

15th - 16th May, 2021



A VIRTUAL LEARNING EXPERIENCE



Patient selection for Proton Therapy: Dosimetry, trials or models ?

CHARLES B. SIMONE II

Professor & Chief Medical Officer,
New York Proton Center, USA



Leveraging Biology of Proton Beam Therapy

STEVEN FRANK

Medical Director, Proton Therapy Center, Professor, Department of Radiation Oncology,
MD Anderson Cancer Center Houston, TX, USA



Proton Therapy Planning Pearls: Learning the Jargons & The Technique

AMAN ANAND

Assistant Professor Department of Radiation Oncology & Medical Physics,
Mayo Clinic, Scottsdale, Arizona, USA



Next Gen Advances in Proton Therapy Planning: Where are we headed?

STEFAN BOTH

Professor & Head of Medical Physics, Scientific Leader,
PARTEC University Medical Center, Groningen, Netherlands



Proton Therapy: Current Status, Promise and Challenges

MINESH P. MEHTA

Deputy Director & Chief of Radiation Oncology,
Miami Cancer Institute, USA

[CLICK HERE TO REGISTER NOW](#)

15th - 16th May, 2021

Day 1: SATURDAY, 15 May, 2021

TIME	TOPIC	SPEAKER
	Chairpersons: Mahadev P, R A Kinhikar, Ghanshyam Sahani	
09:00 - 09:15 AM	Welcome/Introduction/Briefing about Practicum Schema	Srinivas Chilukuri
09:15 - 10:00 AM	Unraveling Proton Therapy: Learning the Basics	Dayananda Sharma
10:00 - 10:45 AM	Proton Therapy Planning Pearls: Learning the Jargon & the Technique	Aman Anand
10:45 - 11:00 AM	TEA BREAK	
11:00 - 12:30 PM	Chairpersons: J P Agarwal, Vijayanand Reddy, Murali Venkatraman Clinical Rationale, Evidence, Dosimetry & Potential of Proton Beam Therapy	
11:00 - 11:30 AM	Oral Cavity and Nasopharyngeal/Paranasal Sinus Cancers	Sapna Nangia
11:30 - 12:00 PM	Thoracic Cancers	Srinivas Chilukuri
12:00 - 12:30 PM	Gastrointestinal Cancers	Ashwathy Mathew
12:30 - 01:00 PM	Patient Specific Quality Assurance in Proton Beam Therapy	Manikandan Arjunan
01:00 - 02:00 PM	LUNCH	
02:00 - 06:00 PM	Demonstrations:	
	Immobilization for Proton Therapy/ Quality Assurance for Proton Therapy	Utpal Gaiikwad, Manoj Wakde/Minnal, Ganapathy Krishnan
	Treatment Room/ Demonstration of Patient Treatment	Noufal MP, Rishan TS, Dhilip / Ashok
	Planning Station:1 Basic Steps of Proton Planning/ SFO/MFO/Robust Optimization	Rajesh Thiagarajan / Nagarjuna Burela
	Planning Station: 2 Class Solutions & Plan Evaluation	Kartikeshwar Patro, Sham Sunder
EVENING SYMPOSIUM SUPPORTED BY IBA		
7:00 - 7:20 PM	Welcome Address by Dr Preetha Reddy , Vice Chairperson, Apollo Hospitals Global Proton Beam Therapy Insights: Mr Serge Lamisse , Executive Vice President, IBA Chief Guest Address: Dr. Prathap C Reddy , Chairman, Apollo Hospitals	
	Chairpersons: Siddhartha Laskar, Arun Chougule, PK Dash Sharma Moderator: Srinivas Chilukuri	
7:20 - 7:55PM	Proton Therapy: Current Status, Promise and Challenges	Minesh Mehta
7:55 - 8:15 PM	Setting up of India's First Proton Therapy Centre: Trials, Tribulations and Triumphs	Rakesh Jalali
8:15 - 8:30PM	Discussion & Concluding Remarks	Sapna Nangia

15th - 16th May, 2021

Day 2: SUNDAY, 16 May, 2021

TIME	TOPIC	SPEAKER
	Chairpersons: S H Advani, Sanjeev Sharma, S D Sharma	
09:00 - 09:40 AM	Patient selection for Proton Therapy: Dosimetry, trials or models?	Charles Simone II
09:40 - 10:20 AM	Leveraging Biology of Proton Beam Therapy	Steven Frank
10:20 - 10:45 AM	Next Gen Advances in Proton Therapy Planning: Where are we headed?	Stefan Both
10:45 - 11:00 AM	TEA BREAK	
11:00 - 01:15 PM	Chairpersons: Munish Gairola, Tanweer Shahid, T Ganesh Plan Evaluation Session	
	Case 1- Head & Neck Cancer	MP Noufal Utpal Gaikwad
	Case 2- Non-Extremity Sarcoma or Mediastinal Tumor	Kartikeshwar Patro Sham Sundar
	Case 3- Medulloblastoma	Rajesh T Rishan T S
	Case 4- Hepatocellular Carcinoma	Kartikeshwar Patro Nagarjuna Burela
01:15 - 01:20 PM	Conclusion of the meeting	
01:20 - 02:00 PM	LUNCH	

THE ORGANIZING COMMITTEE



CHIEF PATRON
DR. PRATHAP C. REDDY



PATRON
DR. PREETHA REDDY



COURSE DIRECTOR
DR. RAKESH JALALI



CHAIR SCIENTIFIC COMMITTEE
DR. SAPNA NANGIA



CHAIR SCIENTIFIC COMMITTEE
DR. DAYANANDA SHARMA



ORGANIZING SECRETARY
DR. SRINIVAS CHILUKURI

SUPPORTED BY

ACCURAY

Gold Sponsor



Platinum Sponsor



Silver Sponsor