

## **Advances and Innovations in Medicine: 40th Convention of the AIIMSonians of America**

### **Overall learning objectives:**

The goal of the annual conference of the AIIMSonians of America is to inform its members of the exciting discoveries and practice-changing advances in medical research and technology in every area of medicine and surgery. The 2023 conference will focus on advances in the areas of medicine with a specific focus on practice changing literature in the last decade including aging and critical illness, inflammatory and neoplastic disorders, minimally invasive interventions, and artificial intelligence in the practice of Medicine. An additional focus will be on leadership development and career planning in Medicine.

The annual Keswani Memorial Lecture will focus on: Entrepreneurship in Medicine

The schedule lists speakers, topics, and specific and conference objectives.

### **Convention objectives:**

#### *Practice changing literature in the last decade*

- a. Explain patterns and expectations of post-critical illness and recovery
- b. Evaluate current data on microbiome and its role in health and disease
- c. Role of Ultrasound Ablation in Parkinson's disease
- d. Discuss novel therapeutics in head and neck cancers
- e. Discuss the development of novel therapeutics for inflammatory bowel disease

#### Artificial Intelligence: A New Frontier

- a. Describe artificial intelligence and natural language processing and applications to healthcare
- b. Analyze factors affecting uptake of artificial intelligence in radiology reporting
- c. Discuss advances of artificial intelligence in pathology

#### Advances in Medical or Minimally Invasive Interventions

- a. Discuss clinical cases and therapeutics in management of male infertility
- b. Discuss updates in diagnosis and management of IgA Nephropathy
- c. Discuss strategies for management of Ankyloglossia
- d. Analyze the role of myofascial release for chronic pain

#### Professional Development

- a. Describe practical strategies to gain leadership skills for frontline clinicians
- b. Review the journey to launch startups, patents, and collaborating with industry
- c. Discuss the significance of Diversity, equity and inclusion efforts in Medicine

**Day 1 (Friday, Aug 11): Agenda**

Time	Topic	Speaker	Objectives
7:15–7:45	Meet the Professor	Dr. Shalender Bhasin and Dr. Devi Krishnamurty roundtable career discussion with trainees	
7:55–8:00	Welcome and Introductions	Dr. Sahil Khanna	Setting the stage for the meeting
Practice changing literature in the last decade Moderators: Dr. Jairam Krishnamurthy and Dr. Roopina Sangha			
8:00–8:25	Post-Intensive Care Syndrome	Dr. Snigdha Jain	Explain patterns and expectations of post-critical illness and recovery
8:25–8:50	IISc Medical School: A Paradigm Shift	Dr. Govindan Rangarajan	Updates in Indian Medical Research and Education
8:50–9:15	Focused Ultrasound in Neurology	Dr. Vibhor Krishna	Role of Ultrasound Ablation in Parkinson's disease
9:15–9:40	Cutting edge therapies for Inflammatory bowel disease	Dr. Rohit Singhania	Discuss the development of novel therapeutics for IBD
9:40–10:05	Evolution of Plastic Surgery in India	Dr. Yash Gupta	Discuss evolution of plastic surgery and the application of historic principles to today's practices
10:05–10:15	Networking Break		
Keswani Memorial Lecture			
10:15-10:20	Introduce Dr. Keswani, the lectureship and Speaker		
10:20-11:20	Keswani lecture by Dr. Pankaj J. Pasricha: Teaching Medical Entrepreneurship		
Artificial Intelligence: A New Frontier Moderator: Dr. Devi Krishnamurty			
11:30-11:55	Overview of Artificial Intelligence in Medicine	Dr. Rohan Khera	Describe AI and NLP and applications to healthcare
11:55-12:20	Will computers replace radiologists?	Dr. Mohiuddin Hadi	Analyze factors affecting uptake of AI in radiology reporting.
12:20-12:45	Role of AI in pathology	Dr. Harsimar Kaur	Discuss advances of AI in pathology

**Poster session:**

14:00 – 15:30: Poster judging by faculty and CME committee (Drs. Shaji Kumar and Suwen Kumar)

**Day 2 (Saturday, Aug 12): Agenda**

Time	Topic	Speaker	Objectives
7:15 – 7:45	Meet the Professor	Dr. Vijay Srinivasan: Roundtable career development discussion with trainees	
7:55 – 8:00	Welcome and Introductions	Dr. Arjun Gupta	Introductions
<b>Advancements in Medical or Minimally Invasive Management of Common Conditions</b> <b>Moderators: Dr. Ayan Sen</b>			
8:00–8:25	Updates in Management of Male Infertility	Dr. Ajay Nehra	Discuss clinical cases & therapeutics in management of male infertility
8:25–8:50	IgA Nephropathy and Renal Transplant: More clever than before!	Dr. Mallika Gupta	Discuss updates in diagnosis and management of IgA Nephropathy
8:50–9:15	Modulating the microbiome for health	Dr. Srishti Saha	Evaluate current data on microbiome and its role in health and disease
9:15–9:40	Updates in Head and Neck Cancers	Dr. Kartik Sehgal	Discuss novel therapeutics in head and neck cancers
09:40–09:50	Networking Break		
<b>Time for a Release</b> <b>Moderators: Dr. Rohit Buddhiraja</b>			
9:50–10:15	Tongue Tied Untied	Dr. Rajeev Agarwal	Discuss strategies for management of Ankyloglossia
10:15-10:40	Myofascial release	Dr. Peri Parminder Singh	Analyze the role of myofascial release for chronic pain
<b>Knowledge Assessment Hour: Jeopardy</b>			
10:40-11:40	Jeopardy	Dr. Arjun Gupta	Active CME with questions
<b>Professional Development</b> <b>Moderators: Dr. Namrata Singh</b>			
11:40-12:05	To DEI, or not to DEI, that is the question	Dr. Vinay Chaudhry	Discuss the significance of Diversity, equity and inclusion efforts in Medicine
12:05-12:30	Leadership 101 for physicians	Dr. Shitanshu Uppal	Describe practical strategies to gain leadership skills for frontline clinicians
12:30-13:00	Startups	Dr. VK Sharma	Review the journey to launch startups, patents, and collaborating with industry

## Accreditation Statements



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In support of improving patient care, this activity has been planned and implemented by The University of North Texas Health Science Center at Fort Worth and Catalyst Health Network. The University of North Texas Health Science Center at Fort Worth is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American

Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

## Designation Statements

### Physicians

The University of North Texas Health Science Center designates this live activity for a maximum of 9.75 *AMA PRA Category 1 Credit(s)™*. Physicians should only claim credit commensurate with the extent of their participation in the activity.

### Certificate of Attendance

The University of North Texas Health Science Center at Fort Worth certifies this activity for 9.75 hours of participation.