







REPORT OF BASIC SCIENCE TRAINING SESSION – NOVEMBER 2018

As per the guidelines of the National Board of Examinations, New Delhi, training in basic sciences is mandatory for all DNB candidates. In view this, basic science training sessions were organized on Sunday, the 18th November 2018 at Harold Varmus Auditorium 7th Floor, Mazumdar Shaw Medical Center, Narayana Health City, Bangalore. The total of 144-DNB trainees of Narayana Health City, Bangalore, and other institutions trainees participated / attended from Sahyadri Naryana Multispecialty Hospital, Shimoga, Rangadore Memorial Hospital, Bangalore, Sakra World Hospital, Bangalore, Bhagwaan Mahaveer Jain Hospital, Mallige Medical Centre, Bangalore, District Hospital Tumkur, District Hospital Bellari, District Hospital Chitradurga, Fortis hospital, Bannerghatta road, Bangalore, Nethradhama Super speciality Eye Hospital, Bangalore, Sparsh Super speciality Hospital, Bangalore.






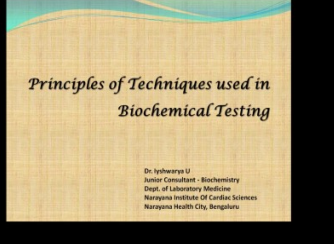




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The following faculty members delivered the lectures in basic sciences

 <p>PREVENTION IS BETTER THAN NO CURE Hospital Infection Control November 18, 2018 DR VIJAY RICHARD HOSPITAL INFECTION CONTROL CONSULTANT</p>	<p>Dr. Vijay Richard, MRCP (Gen Med), MRCP (Pathology), Narayana Health City, Bangalore talked on basic principles of infection control and antibiotic stewardship. He highlighted the hand hygiene, protective equipment, OT environment, sterilization & bio-medical waste management.</p>
<p>Dr Muralidhar K, MD (Ana), FIACTA, FICA, MBA, FASE, Narayana Health City, Bangalore, discussed the cardiac physiology and basics of respiratory physiology. He highlighted the Fick's principle, Laplace's law, Frank Starling relationship and transport of oxygen & CO₂ in blood.</p>	 <p>RESPIRATORY PHYSIOLOGY</p>  <p>Dr Muralidhar K. Director (Academics) Consultant & Professor Anaesthesia and Intensive Care, Narayana Hindalaya Institute of Medical Sciences, Anchal taluk, Bangalore – 560 099, India</p>
 <p>NEOPLASIA</p> <p><i>Dr. Rajeshwari MBBS, MD, DNB, PDF (Neuropathology) Department of Histopathology Narayana Hrudayalaya.</i></p>	<p>Dr. Rajeshwari RT, MD (Pathology), Narayana Health City, Bangalore, discussed the subject of neoplasm, inflammation, tumors of mesenchymal, characteristics of neoplasm, epidemiology of cancer, global impact of cancer & tumor antigens.</p>
<p>Mahadevan S, Administriton (Academic), Narayana Health city, Bangalore, expaliend guideliens of National Board of Examiantions and brifed about leave policies, thesis proptocol submisison.</p>	 <p>National Board of Examinations (NBE) Guidelines for trainees</p>
 <p>BLOOD TRANSFUSION AND COMPLICATIONS</p> <p>DR.GIRISH C J CONSULTANT NARAYANAHRUDAYALAYA BLOOD BANK HEALTH CITY, BANGALORE</p>	<p>Dr. Girish CJ, MD (Pathology), Narayana Health City, Bangalore discussed blood transfusion and complications. He highlighted blood groups, plasma & platelet transfusion, classification of transfusion reactions & allergic reaction.</p>

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<p>Dr. K Mallika Reddy MD (Microbiology), Narayana Health City, Bangalore, spoke about practical aspects of sampling for serology and microbiology. She highlighted clinical classification, the issue of fungal infection.</p>	  <p>Serology & Mycology Dr K Mallika Reddy Associate consultant Department of Micro & Sero</p>
  <p>Research Basics for DNB Thesis Dr Alben Sigamani Narayana Health Bangalore</p> <p><small>NH Group India: Ahmedabad Bangalore Bhubaneswar Chennai Coimbatore Delhi Dharampur Durgam Guwahati Hyderabad Jaipur Kolkata Kottayam Lucknow Mumbai Mysore Patna Raipur Shimoga Chennai - India © www.narayanahealth.org Patient Helpline: 191-0298-0298</small></p>	<p>Dr. Alben Sigamani, MD (Pharmacology), M.Sc (Lond. School Hygiene & Tropical Medicine) Narayana Health City, Bangalore, discussed basics in research methods, research design, research reliability, research validity & writing thesis protocols.</p>
<p>Dr. Iyshwarya U, MD (Biochemistry), Narayana Health City, Bangalore; discussed about principles of techniques used in biochemical testing, specimen collection, specimen identification, sample processing.</p>	  <p><i>Principles of Techniques used in Biochemical Testing</i></p> <p><small>Dr. Iyshwarya U Junior Consultant - Biochemistry Dept. of Laboratory Medicine Narayana Institute Of Cardiac Sciences Narayana Health City, Bangalore</small></p>
  <p>General Pharmacology & Drug development Dr. Vikneswaran G Junior Consultant, Clinical Research</p>	<p>Dr. Vikneswaran G, MD (Pharmacology), DM (Clinical Pharmacology), Narayana Health City, Bangalore, discussed general pharmacology and highlighted the role of pharmacology in India, commonly used drugs, medication errors & LASA drugs.</p>

We would like to thank the faculty members of the session for their valuable contribution.

Dr Muralidhar K
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