



## **DR. DHIMAN SEN**

Senior Consultant - Internal Medicine

### **Qualification**

MBBS | DTM&H | MD | MRCP (UK) | FRCP (UK) | FICP

### **Overview**

Dr. Dhiman Sen is a Consultant in the Department of Internal Medicine at Manipal Hospitals E.M. Bypass, Kolkata, with over four decades of clinical experience that exudes both depth and breadth. He served as the Director of the Department of Internal Medicine and Senior Vice Chairman at Medica Superspecialty Hospital, Kolkata. Dr. Sen's expertise spans General Internal Medicine and its sub-specialties, including Geriatric Medicine, Rheumatology, Hematology, Pulmonary Medicine, Critical Care, Cardiology, Neurology, Gastroenterology, Endocrinology, and Infectious Diseases. He has a special interest in Intensive / Critical Care and Gastroenterology. He has managed a wide spectrum of complex and critically ill patients, handling conditions such as Aplastic Anaemia, ITP, GBS, Dermatomyositis, Job syndrome, and various autoimmune diseases. His proficiency in utilizing advanced therapies for Severe Sepsis and Multi-organ Dysfunction has been crucial in improving patient outcomes. He also has significant experience in using Highly Active Anti-Retroviral Therapy (HAART) for HIV/AIDS patients. Throughout his career, Dr. Sen has been involved in groundbreaking treatments, including coil embolization for Liver cancer

and the use of IVIG in immunodeficiency states. He has successfully managed critical conditions such as Dengue Shock Syndrome, Chikungunya, Cerebral Malaria, Leptospirosis, and a variety of complex infections, including tuberculosis, multi-drug resistant bacterial infections, and invasive fungal diseases. His expertise extends to treating Diabetic emergencies, Thyrotoxic crises, and managing patients with ALI/ARDS. Dr. Sen's leadership roles reflect his deep commitment to medical education and hospital management. He served as Chairman of the Continuing Medical Education and Clinical Effectiveness Committee at Apollo Gleneagles Hospital. He continues to contribute significantly to the education of Junior Doctors and students of DNB Family Medicine and DNB Emergency Medicine, engaging in Ward Clinical Teaching and CME Lectures. His dedication to improving patient care and healthcare delivery reflects a patient-centric approach. At its core is a practice of medicine which is holistic, ethical, evidence-based, and respects patient autonomy.

### **Fellowship & Membership**

- Life Member, Association of Physicians of India (API)
- Life Member, Indian Society of Critical Care Medicine (ISCCM)
- Fellow of the Royal College of Physicians of Edinburgh

### **Field of Expertise**

- Geriatric Medicine
- Rheumatology
- Hematology
- Pulmonary Medicine
- Critical Care
- Cardiology
- Neurology

- Gastroenterology
- Endocrinology and Infectious Diseases

### Languages Spoken

- English
- Hindi
- Bengali

### Awards & Achievements

- Successfully treated complex cases such as Aplastic Anaemia with ATG, ITP, GBS, Dermatomyositis, Job syndrome (immunodeficiency state) using IVIG and TNF alfa inhibitors like Etanercept and Remicade.
- Collaborated in coil embolization for liver cancer patients with the Department of Interventional Radiology.
- Experience with Drotrecogin Alfa (Xigris) in Severe Sepsis and Multi-organ Dysfunction, and treatment of TENS.
- Proficient in using Highly Active Anti-Retroviral Therapy (HAART) in HIV/AIDS patients.
- Skilled in the management of critically ill patients in the ICU, treating conditions like Dengue Shock Syndrome, Chikungunya, Cerebral Malaria, Leptospirosis, Viral Myocarditis, SLE, Lupus nephritis, Wegener's Granulomatosis, and more.
- Expertise in managing ARDS/ALI, Meleoidosis, Histoplasmosis, Mucormycosis, and Tuberculosis.
- Specializes in handling emergencies such as Addisonian and Thyrotoxic crises, Diabetic emergencies, DVT, PEs, Septic Shock, MODS, DIC, and Multi-Drug Resistant Infections.
- Elected Chairman of Continuing Medical Education and Chairman of Clinical Effectiveness Committee at Apollo

Gleneagles Hospital.

- Active member of the Medical Advisory Committee at Apollo Gleneagles Hospital, Kolkata.
- Involved in Ward Clinical Teachings, CME Lectures, and training Junior Doctors and DNB students in Family Medicine and Emergency Medicine.

### **Talks & Publications**

- "Studies in Impaired Glucose Tolerance" - Paper presented at the Annual Conference of the Association of India at New Delhi, January 1991.
- "Studies on clinical presentation of Diphtheria with particular reference to prevalence and outcome of complications amongst hospitalised patients" - Co-guide for research paper submitted to The Indian Council of Medical Research, 1992.
- "Studies of the Immune profile of patients with portal hypertension" - Paper presented at the Annual Conference of the Association of Physicians of India at New Delhi, January 1993.
- "Septicaemic Melioidosis" Case Report by Ujjawini Ray, Dhiman Sen, SujoyKar in the Journal of the Association of Physicians of India (JAPI), August 2009, Vol 57, pp.598-599.
- "Melioidosis: Series of Eight Cases by Ujjwayini Ray, Soma Dutta, Suresh Ramasubban, Dhiman Sen, Indrajeet Kumar Tiwary. In Journal of the Association of Physicians of India (JAPI), May 2016, Vol 64, pp. 42 - 46.
- As a Guide to DNB Thesis: "To Study the Correlation Between Calculated Creatinine Clearance (From Serum Creatinine) and Measured Creatinine Clearance (From 24 hours' Urine Samples) in Elderly Patients Admitted in the Intensive Care Unit" - Thesis by Dr.Bapi Sheikh, submitted in 2015. (Regn.No.:

- 108-45103-132-109240).
- As a Guide to DNB Thesis: “Measurement of Vitamin D Levels in In Patients and Its Relation to Morbidity” – Thesis by Dr. Dhruvajyoti Manna, submitted in 2016. (Regn.No.: 111-45103-141-202229).
  - As a Guide to DNB Thesis: “Prevalence of Diastolic Dysfunction in Type 2 Diabetes Mellitus – An Observational Study in a Tertiary Care Hospital in Kolkata” – Thesis by Dr.Vishal Bhalerao, submitted in 2017. (Regn.No.: 111-45103-151-203061).
  - As a Guide to DNB Thesis: “Prevalence and Pattern of Anaemia with Chronic Heart Failure with Reduced Ejection Fraction in Eastern India: A Prospective, Observational Study” – Thesis by Dr.Anish Kar, submitted in 2018. (Regn.No.: 111-45103-161-207525).
  - As a Guide to DNB Thesis: "Prognostic Implication of CRP-Albumin Ratio in Chronic Kidney Disease Patients Admitted in Intensive Care Unit in a Tertiary Care Centre of Kolkata" - Thesis by Dr. Anoop P.N., submitted in 2019.
  - Influence of Lactitol and Psyllium on Bowel Function in Constipated Indian Volunteers: A Randomised, Controlled Trial By Jing Cheng 1, Julia Tennilä 1, Lotta Stenman 1, Alvin Ibarra 1,\* , Mandhir Kumar 2, Kamlesh Kumar Gupta 3, Shyam Sundar Sharma 4, Dhiman Sen 5, Sandeep Garg 6, Mukund Penurkar 7, Santosh Kumar 8 and Arthur C. Ouwehand 1 Nutrients 2019, 11, 1130; doi:10.3390/nu11051130.
  - As a guide to DNB Thesis: “A Cross-Sectional Study for the Correlation of Vitamin D Level and Severity of Early Rheumatoid Arthritis” – Thesis by Dr. Sudipto Chakraborty, submitted in 2021. (Registration No. 111-45103-201- 227722).
  - “A Case of Glyphosate Poisoning – Successful Application of HA230 Hemoadsorption Cartridge” – Dr. Sudipto Chakraborty & Dr Dhiman Sen. Journal of Pharmaceutics and Drug Research,

6(S1): 04, 2023. ISSN: 2640-6152.

- “A Case Report on Glyphosate Poisoning” – Dr. Sudipto Chakraborty et al. Asian Journal of Pharmaceutical and Clinical Research, Volume 15, Issue 12, 2022. DOI: <http://dx.doi.org/10.22159/ajpcr.2022v15i12.46819>.