

**CV**❖ **Dr R K Singh**

- **Professor Emergency & Critical Care**
- **Nodal Officer-COVID-SGPGI**
- **In-charge Rajdhani CORONA Hospital (RCH)**
- **Nodal Officer-Tele-ICU**
- **HOD, Emergency Medicine, SGPGI**
- **HOD, Telemedicine & Digital Health (TMDH), SGPGI**
- **Ex-Chairman, Lucknow Critical Care Society-ISCCM**
- **MD (Medicine); PDCC (Critical Care Medicine); FICCM; MNAMS; FACEE**

❖ **Education:**

- MBBS., MD Internal Medicine, (1990-1999), I.M.S, B.H.U, Varanasi.
- Senior Resident, Medicine, (2000-2002), VMMC and Safdarjang Hospital, New Delhi
- Senior Resident (2002-2005) & PDCC Critical Care Medicine (2005-2006), SGPGIMS, Lucknow.

❖ **Publication:**

- More than 125 published articles in National and International journals.
- Book Chapters: 15

❖ **Reviewer of journals:**

- Critical Care Medicine
- Intensive Care Medicine
- Critical Care
- Thrombosis Research
- Indian J of Gastroenterology

❖ **Membership of societies:**

- ACEM
- ESICM
- SCCM
- AAEM
- EuSEM
- ISCCM
- SEMI
- INDUSEM
- API

❖ **Instructor:**

- Fundamental Critical Care Support (FCCS)
- FCCS-Obstetrics

- Comprehensive Critical Care Course (4C)
- Ultrasonography in Emergency & Critical Care
- ❖ **Honours and Awards**
  - FACEE
  - FICCM
  - MNAMS
  - Health ICON-Corona Warrior Award
  - FICCI Award-Public Health Delivery for Tele-ICU-Service
- ❖ **Current Active Research**
  - Disseminated intravascular coagulation
  - Statins in septic shock
  - Right heart dysfunction
  - Diaphragm ultrasonography
  - Acid base changes in critically ill
  - COVID related
  - Metabolomics in Sepsis and Septic Shock
  - Metabolomics in HRS
  - Renal Resistive Index in ED
  - DVT prevalence in ED
  - Comprehensive Geriatric Assessment in ED
- ❖ **Organizational Activities**
  - **Organizing Secretary**
    - CME on Septic Shock and FCCS course, 24-26/9/2010, Critical Care Medicine, SGPGI.
    - 3<sup>rd</sup> Annual UP&UK Critical Care Conference (ISCCM), 5-7/10/2012, Critical Care Medicine, SGPGI.
  - **Course Director**
    - Critical Care for Nurses- Workshop: 3<sup>rd</sup> Annual UP&UK Critical Care Conference (ISCCM), 5/10/2012, Critical Care Medicine, SGPGI
  - **Executive Committee Member**
    - UP&UK Society of Critical Care Medicine
    - Lucknow Chapter of ISCCM
- ❖ **COVID related contributions**
  - Creation of state-of-the art Tertiary Care & Referral COVID Care Hospital of Uttar Pradesh (UP)
    - Planning, designing, commissioning and operationalization of RCH
    - 328 Bed facility, with 276 ICU beds
    - Provision of Liquid Oxygen at RCH
  - Framing guidelines, protocols & SOPs for all clinical & administrative aspects of COVID Care at RCH in SGPGI
  - Creation of 13-Education Modules of COVID-Version-1.0 & 2.0 for educating 40000-HCWs of the 52-State Medical Colleges of the State of UP
  - Lead for the Virtual-Interactive-COVID-case-Discussions with the COVID Hospitals at 52-State Medical Colleges of UP
  - Nominated by the Chief Minister, Shri Yogi Adityanath ji to the COVID Advisory Board for the State of UP for stemming the menace of COVID in UP

- Member of Covid Associated Mucormycosis (CAM) advising management in the 52-State Medical colleges of UP
  - Member to all committees dealing with COVID Care at SGPGI
- ❖ Leadership Role for Creation of the Largest Emergency in India, at SGPGI
- State-of-art 210 Bed Emergency Medicine, well equipped with all aspects of an Acute Care Facility dealing with Life & Limb Threatening Emergencies
  - Leadership Role in Air-Ambulance-Service for critically ill patients at SGPGI
  - State-of-art 210 Bed Emergency Medicine, well equipped with all aspects of an Acute Care Facility
  - Air-Ambulance service for critically ill patients
- ❖ Telemedicine and Digital Health
- Leadership Role for the Planning, designing, commissioning and operationalization of the Tele-ICU-Project based on the HUB (SGPGI) & SPOKE (21-State Medical Colleges) Model for the state of Uttar Pradesh
  - As HoD-TMDH
    - Expansion of SGPGI-Tele-ED/ICU-Service within UP
      - 36 medical Colleges of UP, 500-Bed-Tele-ICU-Network
      - 18 District Hospital-ICUs, 100 Tele-ICU Bed-Network
    - Expansion of Tele-Health to UPMCEN
    - Expansion of SGPGI-Mobile-Tele-Health services
    - Expansion of Smart City-Health-ATM (100) Network to 1100 (UP)
    - Expansion of Health ATM to Sports Stadium for sport-persons
    - Renovation of existing TTMDH Infrastructure
    - Recruitment of TMDH-Faculty and Non-faculty for expansion of services

