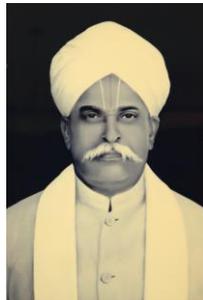


**PSG Institute of Medical Sciences & Research**  
**and**  
**PSG Hospitals**  
**Extending Healthcare during the time of COVID**

*"Let there be Charity so that others may share my prosperity"*

...thus spoke P S Govindaswamy Naidu. His sons – Shri PSG Venkataswamy Naidu, Shri PSG Rangaswamy Naidu, Shri PSG Ganga Naidu, Shri PSG Narayanaswamy Naidu turned this noble statement into an act of nobility. Thus was born PSG & Sons' Charities in the year 1926.



PSG Institute of Medical Sciences & Research, a medical institute nurtured and nourished by PSG & Sons' Charities, true to its founding ethos, was one of the first few hospitals in the state of Tamil Nadu to offer its services for control and treatment of COVID – 19.

The Hospital functions in two distinct blocks–Block A and Block B.

Block B measures one million square feet, and has been exclusively allotted for receiving , admitting and treating COVID patients. The COVID Block has a separate ICU with 16 beds, each with a ventilator. Apart from these, the block has 6 theaters. Exclusive labor and neonatal care were initiated in the Block B for the COVID patients.

Block A was allotted to attend to all other non-COVID emergency services, and essential care of patients such as dialysis , oncology , maternal and child care .

It was made sure that no services had a cross over.

Realizing the gravity of situation and need for a scientific approach to contain the disease, we constituted a Task Force for

COVID 19 in the Hospital. An infectious disease specialist, chest physician, public health specialist, pediatrician, and microbiologist formed the team.

The Task Force prepared a Manual of Policies to govern all clinical practices related to COVID 19 to ensure compliance with Government regulations, and safety of both patients and health-care workers. The Team, in addition trained the faculty and other staff who were involved in care of the COVID patients . The guidelines are periodically updated and compliance ensured including proper disposal of biomedical waste. The Task Force also monitored the physical and mental through appropriate health personnel.

The Task Force further constituted ten teams of doctors and other health care workers to work in the COVID Ward. Each team will work for a week and go on two weeks of quarantine. Exclusive and safe lodging facilities are available to house the teams during their quarantine period.

The Institute has invested in buying and stocking enough PPEs, Surgical Masks and N95 Masks. Further , the Institute has been recognized by ICMR to conduct the RT-PCR tests for Novel CORONA viruses in suspected patients . ICMR has also approved ours as a center for a phase II, open-label, randomised controlled trial to assess the safety and efficacy of convalescent plasma to limit COVID-19 associated complications in moderate disease. (PLACID Trial)

As soon as the patient is received in COVID Casualty (EMD ) he is screened and then is housed in the CORONA suspect ward. A sample is taken immediately, and the test done. If the sample turns out positive, the patient is immediately shifted to COVID Positive Ward and if he turned out negative , the patient is shifted to COVID Negative Ward in the same building. These wards are very spacious and are at different floor levels, thus allowing the necessary social distancing.



Block – B – Dedicated for COVID Patients.



Exclusive COVID Emergency ward



First batch of our COVID patients



PSG Hospitals felicitated by our Honourable District Collector and The Commissioner of Police.



PSG



PSG Institute of Medical Sciences and Research  
Peelamedu, Coimbatore.

# PSG is the **First** & **Only Institute**

In the region **approved by ICMR** for the conduct of randomized control trial (PLACID TRIAL) to assess the safety and efficacy of **Convalescent Plasma Trial** to limit **COVID-19 associated complications**

## Investigators

Dr Murali. A - General Medicine

Dr Sudha Ramalingam, Director-Research and Innovation & Community medicine

Dr Karthikeyan. R - Respiratory Medicine

Dr Prasanna N Kumar - Clinical Pathology

Dr Lavanya S - Microbiology



*Ever at service of our Nation...*

*“Disaster gives two things- a moment to react and a decision to overcome”*

The disaster came in the form of a pandemic - the COVID19, a virus which is new to mankind and which has changed the entire paradigm of life. As a medical school and hospital, it was a major responsibility for PSG Institute of Medical Sciences and Research and Hospitals to stand upto the crises. True to the words of its founding principle, PSG stood up to serve the society at this crucial hour.

It was in mid March 2020, when few cases were reported in India, PSGIMS&R immediately reacted to this potential pandemic by making a plan to face it. A task force was formed comprising physicians from diverse specialties namely infectious diseases, microbiology, pediatrics, respiratory medicine and public health. PSG IMSR Hospital was one of the first 4 hospitals to be approved by the government to admit and treat COVID positive cases in Coimbatore. We devoted one whole block ( Block B) containing 900 beds, and an ICU with 25 beds and ventilators for this purpose.

Since COVID 19 cases need to be treated in a separate facility, an entire block was dedicated for this purpose. The 'B' block of PSGIMSR hospital was made ready with exclusive COVID Intensive care, labor room and newborn facilities. A screening area was earmarked at the entrance of the hospital to segregate patients with probable exposure to COVID19 as per the Government of India advisory. The academic sessions were halted and all students were asked to go home. The hostels were made ready for quarantine purpose for the doctors who take care of COVID patients. In the meantime, our lab also was recognized by the government as one of the centers to offer COVID testing. The task force, under the chairmanship of the Dean, facilitated the epidemic preparedness and made policies. A handbook was prepared based on standard guidelines and given to all treating doctors. This handbook had guidelines not only for screening and treatment but also for wearing Personal Protective Equipments, Disinfection procedures and also consent for research.

All academic sessions for the undergraduate students were made online. Assessments are also being done via online platforms.

Postgraduates from all the departments are posted for various tasks including fever clinic and ward duty. Several training programs were also conducted for faculty from other PSG Institutions and also for staffs of all sectors at PSGIMSR hospital on personal protection, biomedical waste disposal and importance of social distancing and wearing masks.

PSGIMSR and Hospital is also one of the few centers approved by the Indian Council of Medical Research (ICMR) for a clinical trial on convalescent plasma. Few other drug trials for COVID are also in the pipeline. The taskforce has also provided consultancy for various sectors such as industries and residential complexes on how to take precautions against COVID.

PSG IMSR has BSL-2 facilities and is recognized by ICMR to conduct COVID-19 RT-PCR tests. As on date (25<sup>th</sup> July 2020), PSG IMSR has run 8168 tests.

The support and guidance of the management along with the coordinated teamwork has made PSGIMSR and Hospital to streamline COVID Care and be ready for the increasing number of cases.