



DEPARTMENT OF RADIO DIAGNOSIS

**GOVERNMENT MEDICAL COLLEGE
MANJERI**

Initiatives in COVID care:

Since the emergence of COVID pandemic, Government Medical College Manjeri had been designated as COVID treatment care centre for the district of Malappuram. First COVID patient started treatment here on 13/03/2020 and since then the number has been exponentially increasing. All COVID patients with symptoms had atleast a chest X- ray taken from our radiology department. Portable radiography was used to reach the sick patients in all 6 ICUs, 21 wards as well as casualty. B – block was designated as COVID area and CT and USG for COVID patients were done here. All radiological investigations were offered free of cost for COVID patients. Strict precautionary measures were followed by all staff of the department to prevent spread of pandemic among the staff as well as between patients. All radiographers had selflessly served with dedication to support treatment care of COVID patients. Despite severe staff shortage, radiologists including our senior HOD had actively participated in performing ultrasound scans in PPE and in reporting COVID CTs even outside working hours.

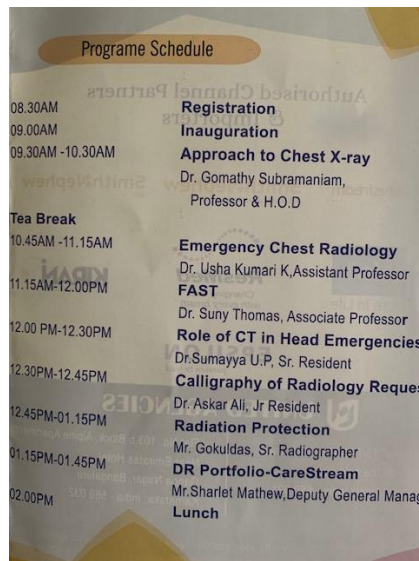
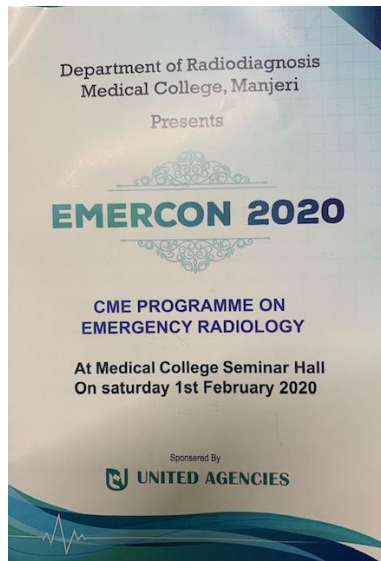
As part of RAKSHA project, masks, sanitisers and gloves were distributed in department and to grade II workers. Dr Gomathy Subramaniam, HOD, had delivered a talk regarding how our radiology department functions during COVID times and on the importance of radiological investigations in COVID -19 on Arogyakeralam program at Radio FM.

Till date more than 1000 ultrasounds, 16000 X-rays and around 700 CT scans have been performed in department for COVID 19 positive patients.

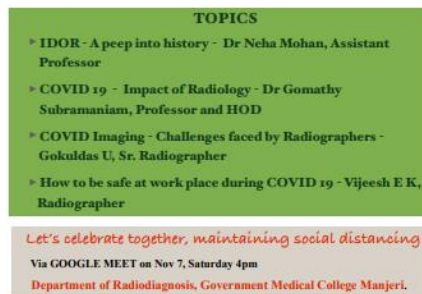
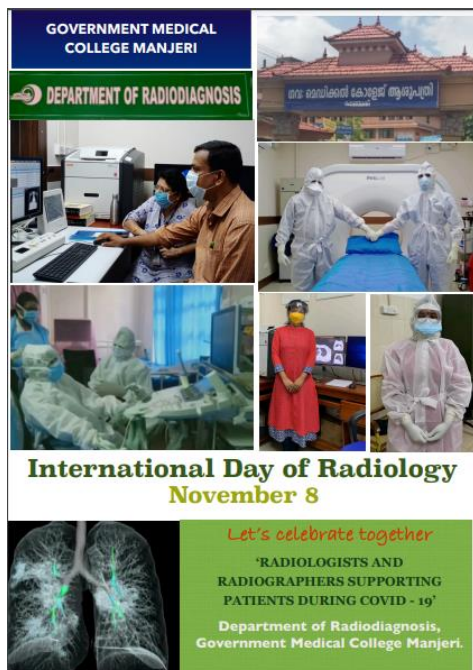
Initiatives in medical education and public awareness.

- **Regular classes for MBBS students posted in department (Vth semester) - theory classes on basics of radiology according to syllabus and practical exposure to routine departmental activities.**
- **CME ON EMERGENCY RADIOLOGY** on 1st February, 2020 at Medical College seminar hall by Department of Radiodiagnosis, GMC, Manjeri.

Programme included talks on Emergency chest radiology, FAST, Role of CT in Head Emergencies, Calligraphy of radiology reques and radiation protection.



- **International Day of Radiology Celebration , Sunday, Nov 8, 2020** on Online platform, maintaining social distancing with theme as “RADIOLOGISTS AND RADIOGRAPHERS SUPPORTING PATIENTS DURING COVID – 19”. Talks on following topics were conducted by the department staff:
 - IDOR – A peep into history – Dr Neha Mohan, Assistant Professor
 - COVID 19 – Impact of Radiology – Dr Gomathy Subramaniam, Professor & HOD
 - COVID Imaging – Challenges faced by Radiographers - Mr Gokuldas U, Sr Radiographer
 - How to be safe at workplace during COVID 19 – Mr Vijeesh, radiographer



- **Observance of International Women’s Day, March 8, 2021**

Our department supported women’s day by taking pledge of this year’s theme #Choose to Challenge, releasing Department video based on the theme to raise public awareness and to empower women and by celebrating women’s achievement in the department. Senior most female staff in the department was honoured. Free Scan was performed for selected female patients.



- **Research Activities:**

- Ongoing research (Interdepartmental) - Role of Chest X ray in assisting the diagnosis of symptomatic RT PCR negative COVID 19 suspects admitted in a COVID care unit.

DEVELOPMENTS IN DEPARTMENT (2016 - 2021):

- **2016:**

CR unit: Fuji CR FCR profects

X – Ray: 800 ma MARS 65

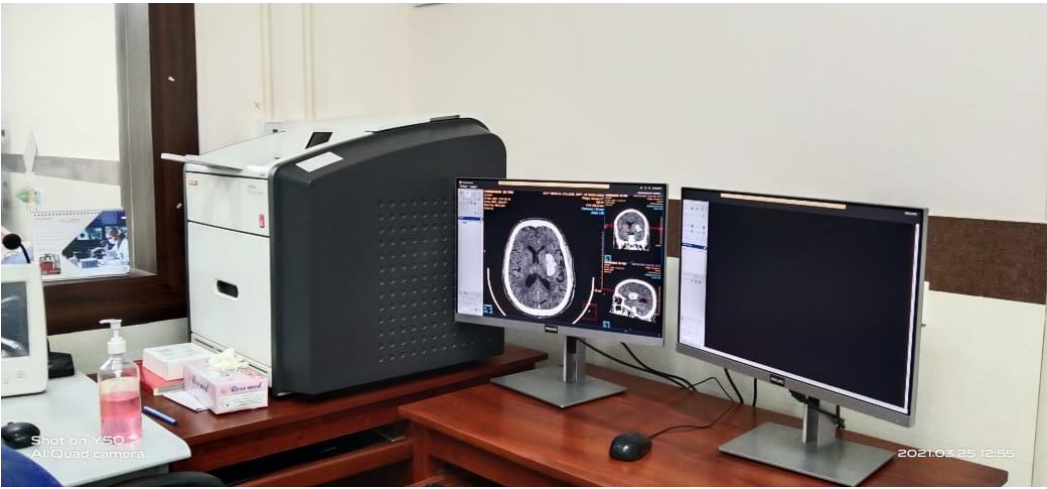
X – Ray Portable: 100 ma 100 mA scanary

- **2017:**

Ultrasound : Color Doppler S8 wipro GE

X – Ray Portable: 100 ma 100 mA scanary (2 machines)

CT console:



USG



Mammography



Digital radiography:



GOALS/ INITIATIVES TO BE UNDERTAKEN IN THE NEAR FUTURE.

- To add MRI to the department
- To start PG course – MD Radiodiagnosis
- To expand department with increase in number of staff to cater the requirement of patient load. Initiate PACS system
- Upgrade Mammography to 3D with Tomography and stereotaxy