



**DONATION OF MAMMOGRAPHY CR SYSTEM TO SASSOON
HOSPITAL, PUNE BY “MAINA FOUNDATION, USA”**

The esteemed tertiary care Sassoon hospital in Pune, is having approximately 1300 beds and cater almost 5000- 6000 OPD patients everyday from various departments

The radiology department here have a well functioning separate female imaging section with all advanced state of art equipments like high end ultrasound, X-ray and mammography machine

Considering the current rising trends of breast cancer and breast pathologies and increasing awareness about breast screening in general population the separate breast imaging section is developed in the department under the female imaging section of radiology.

- However because of the lack of complete well functioning mammography setup earlier , enough breast mammographies and interventional studies were not performed limiting the efficacy and patient care.
- There was an issue of technical difficulties as the Conventional Computed old radiography system setup present in the dept was time consuming and inefficient.
- It was not possible to increase the number of mammography scans per day because of the outdated system with functioning issues
- The mammographies were also suboptimal for reporting and diagnosis as there were many instances of artifacts in imaging thus hampering the management.



This is the conventional Computed radiography machine in the department that was being used earlier for almost 10 years. Also this CR system is used for general radiography and not compatible for high resolution mammography images. Due to outdated system and lack of proper advancements proper utilization of services was not possible

Thus aiming for a multi disciplinary approach for the management of breast cancer patients the MAINA FOUNDATION was approached through SOFOSH with the proposal for requirement of a new dedicated CR for mammography unit.

As an acceptance of proposal the foundation granted a new Computerised radiography system for mammography machine which has been functional since may 2022.



The mammography CR system getting installed and the technical aspects being reviewed by the donors / SOFOSH under the guidance of our team.

The newly granted CR system installed in the mammography unit which is currently functioning IN DEDICATED BREAST IMAGING SECTION of female imaging wing in Radiology Department



- Currently Mammography diagnostic and screenings are being done in the Dept. with an average number of 9 to 11 patients per day hence catering to the need of the huge crowd of female patients with an integrated approach of ultrasono-mammographic examination
- Patients are being efficiently managed and many number of females as well as few male patients have been taking advantage of the breast imaging facility that is currently available.
- Because of the faster image processing in the newly donated CR system , reports are being dispatched in single visit with further management of biopsy/ intervention planned the same day.



The foundation members (Dr. Kulkarni and family) with our team of doctors (Dr. Ibrahim and Dr. Shweta) who had taken a visit of the mammography unit and had an overview of the functioning and services being provided.

- Currently diagnostics as well screening mammographies are being performed in the Department.
- Services are being provided with better productivity and there has been a significant rise in the number of patients screened per day.
- Breast diagnostic and screening services are available at significantly cheaper prices for people coming from the low socio economic strata with the help of the newly donated CR system from “Maina foundation, USA”.



The recent visit of donors with their family members having a meeting with our team and Respected Dr. Kale-The Dean of the prestigious institute of BJGMC and Sassoon General Hospitals, Pune, India.

We are aiming to continue the same trend with further advances that are planned in the future thus efficiently diagnosing breast malignancies in early stages and improving the quality of life and life expectancy of the patients under our care .

The Sassoon General hospital and Radiology Department is very thankful for the kind donation of “Maina Foundation USA” hoping to help us in the future for further developments in the hospital and supporting the great social cause.



THANK YOU