

X-Ray Time Whittled Down At New Penrose Hospital

X-rays, vital in diagnosis but consuming precious time from camera to the doctor's viewing screen, have been whittled down to a few minutes procedure at Penrose Hospital.

The almost magic facility in reducing X-ray film processing from a dragging 75 minutes to 11 minutes, is the X-Omat film processor installed in the new hospital in the 2200 block of North Cascade Avenue.

X-Ray Supervisor Sister Clara and Dr. J. W. McMullen and Dr. P. J. Roesler, diagnostic radiologists, rate the very expensive X-Omat as one of the most important additions to the hospital facilities in this region. They point out that manual processing, requiring constant handling of the film, placing in developer, timing, hand agitating, rinsing, transfer to wash water, placing in drier, removing from hangers have been eliminated.

The X-Omat takes the film at one end, sends it out the other end without manual gymnastics on the part of technicians. "We appreciate the speed, the patient appreciates the speed and the excellence of the finished product will be of immeasurable aid in our work," the three pointed out.

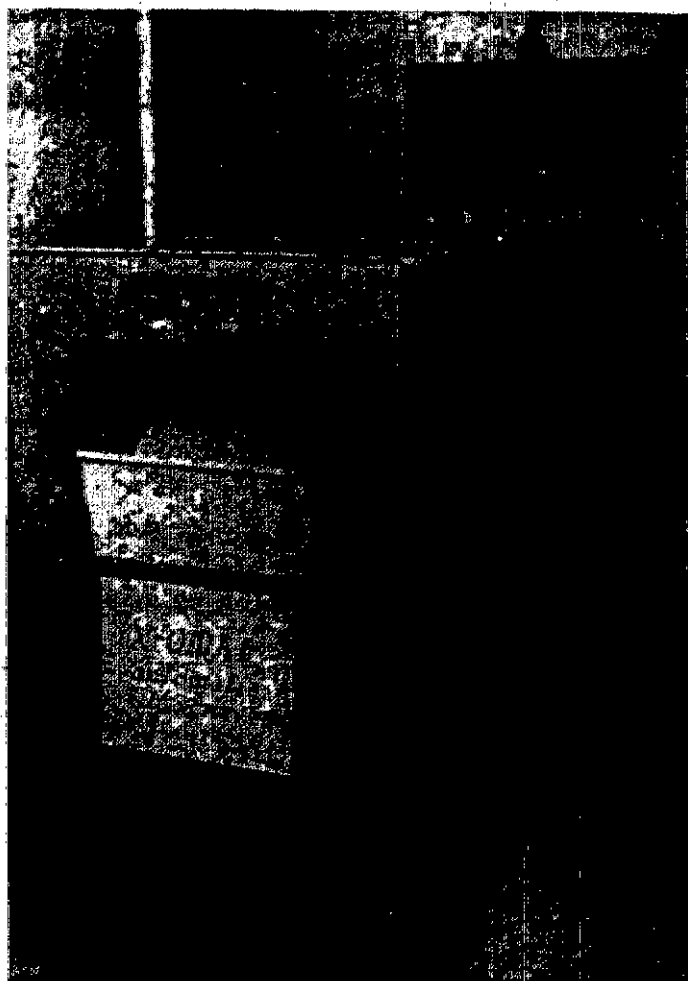
The X-Omat is not the only super-modern equipment in the X-ray division at Penrose. Also high in the esteem of the radiology experts is the Elema-Schon-

ander film changer, designed for rapid serial radiography. The unit is described as invaluable in the detection of brain tumors and heart conditions.

Other major inclusions in the Penrose Hospital X-ray section are two Imperial diagnostic units. Each has tables seven feet in length but the tables revolve around the fluoroscope or radiograph, reducing floor space requirements, permitting technicians to eliminate many of the steps occasioned by less mobile units. Ease of positioning patients and increased accuracy in X-ray examinations are features the Penrose radiologists feel will be a boon to them and result in best possible care for patients.

Another unit introduced in the "new" hospital is a 200 MA mobile unit which can be taken to the rooms of patients who are unable to go to the X-ray section. Urological rooms in the surgery section of the hospital have been equipped with X-ray units which are employed in making kidney studies during surgery. The orthopedic surgical room is equipped with a 200 MA permanently installed X-ray unit.

The out-patient section has been equipped with X-ray equipment designed for the customary chest X-rays and is so designed as to reduce the ray exposure to patients about 70 per cent.



X-RAY X-OMAT — Reducing the time lag between X-ray procedures and development of X-ray films, this huge machine is considered one of the finest advancements in diagnosis equipment in Penrose Hospital. Manual development of X-ray film sometimes requires 75 minutes, is reduced to some 11 minutes thru use of this machine. (Gazette Telegraph Photo)