

Body Scanner Arrives At Hospital

By BILL NEUBAUER
Sentinel Staff Writer

An EMI body scanner that "provides a whole new world of information to patients and doctors" was delivered Friday to Dominican Santa Cruz Hospital and is expected to be operational in from four to six weeks.

The diagnostic X-ray device, which has been hailed worldwide as a major radiological breakthrough, will be installed adjacent to the EMI brain scanner which Dominican installed in February 1975.

Cost of the body scanner was \$495,000, according to a hospital spokesman. An additional \$115,000 will be spent on installation and necessary remodeling in the radiological department, putting the total cost at \$610,000.

Over \$140,000 of the total cost has been met by donations and pledges, according to the Dominican Hospital Foundation.

The EMI brain scanner, which uses the same basic X-ray technique as the new body scanner, costs some \$365,000. It has been used to make over 2,500 brain examinations and has been credited by Dr. Gail Magid, head of Dominican's neurological department, with the salvaging of many lives.

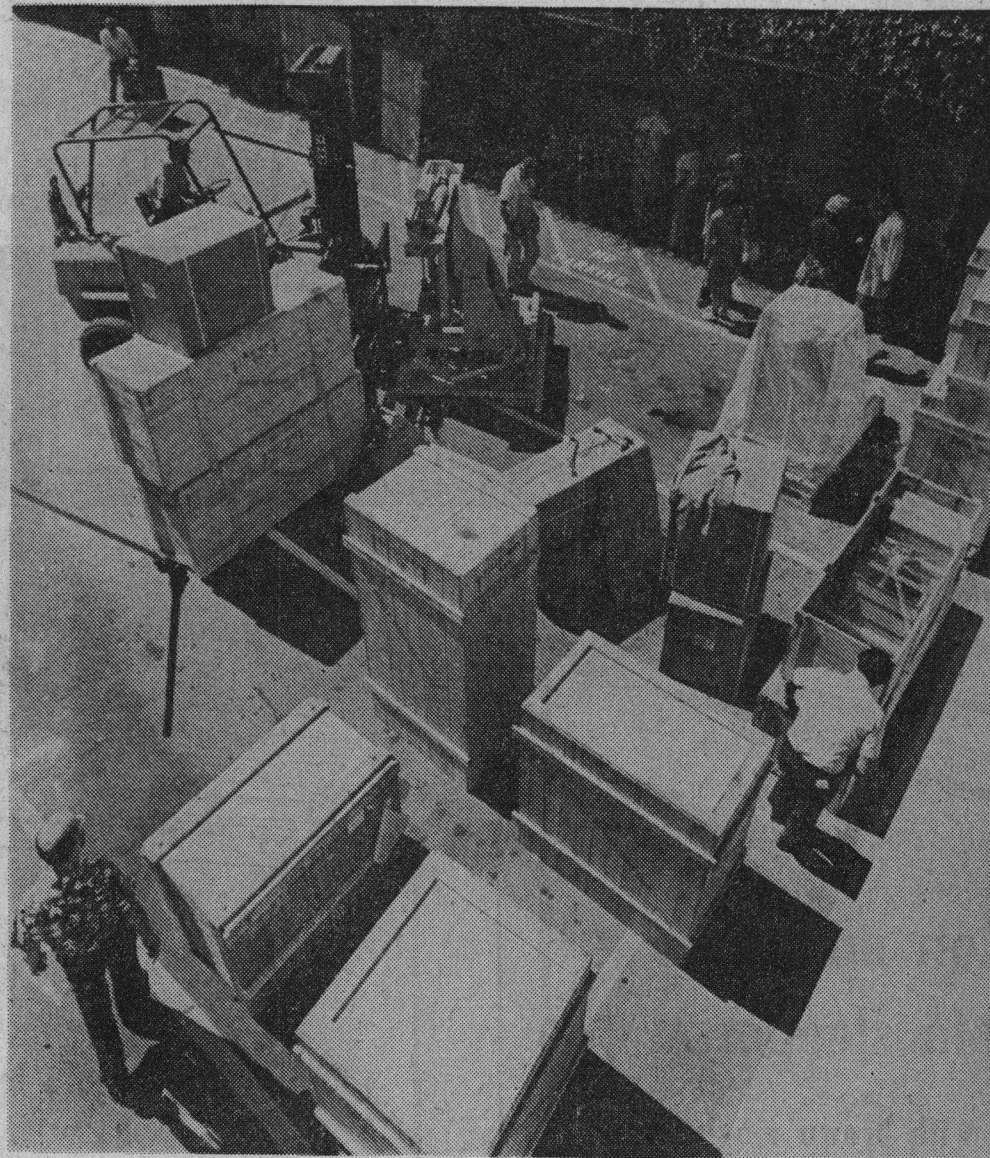
Dominican has pioneered the use of scanners in the county. Through its work with the brain scanner it has developed a carefully catalogued body of knowledge on employment of scanner techniques to diagnose and correct many problems.

The body scanner "represents the newest and most sophisticated and refined system of its kind in existence and available anywhere in the United States," Magid said Friday.

"It provides a whole new world of information to patients and doctors and insures the continuance of high-quality medical care in our community through advances in medical treatment."

Magid noted that under the direction of Dr. Ken Miura, head of Dominican's department of radiology, the hospital's staff has developed a rare expertise in scanning techniques and interpretations that has won recognition over a wide area.

"Today (Friday) I participated in discussions with a



The Body Scanner Arrives At Dominican Hospital

(Photo by The Sentinel's Bill Lovejoy)

"and I was able very comfortably to discuss Dominican's experience. I'm very proud to say that the quality of our work in little Santa Cruz is recognized over a very wide geographic area."

Magid said the great thing about the scanners is that they enable the doctor to discover problems and to make efforts to solve them within minutes of the patient's arrival at the hospital.

From the patient's viewpoint, the scanners represent a quick, painless and relatively

inexpensive way to get their problems diagnosed without long tests or exploratory surgery.

Basically, the body scanner enables the doctor to see and study in detail virtually all parts of the body through a revolutionary technique called computerized tomography.

The scanner X-rays troubled parts of the body in cross-section and then displays these cross-sections on a television screen or in an alternative picture form for close examination by doctors, radiologists

and other health specialists.

The technique is revolutionary because it enables examination of parts of the body not accessible to the X-ray before, such as certain portions of the spinal canal, tumors of the retroperitoneal areas, carcinoma of the prostate.

Basically, the device uses a tightly collimated fan-beam of X-rays to traverse a portion of the patient's body while he is lying comfortably, fully dressed, on a movable, adjustable couch.

The device takes over 18,000

X-rays as it traverses the body, then shifts around the body by 10 degrees to make another traverse and produce another 18,000 X-ray readings.

Traverses are made until 180 degrees of axial tomography have been indexed and a complete portion of the body has been scanned in cross-section.

It takes but 20 seconds to get a cross-section and give the doctor the same view of that as if he had cut through the entire body and then bent it open to take a look.

But there's no cutting here, no pain, not even a stay in the hospital.

"The body scanner will save countless lives," Magid predicted.

Dominican ordered the scanner in April. Since then, a body scanner has been ordered by Community Hospital.

PUBLIC NOTICE

NOTICE OF PUBLIC HEARING FOR PROPOSED PLANNED UNIT DEVELOPMENT AND SUBDIVISION

Planned Unit Development Application No. 76-956-PUD and Subdivision Application No. 76-955-S by RAY COBB for C.C. & S. PLANNING AND INVESTMENTS AND EAST CLIFF TERRACE to amend already-approved Planned Development Permits for 12-unit and 4-unit multiple-dwelling groups to allow a Planned Unit Development Subdivision of 14 individually-owned attached units on property LOCATED BETWEEN EAST CLIFF DRIVE AND WARREN STREET ADJACENT TO MORAN LAKE, LIVE OAK AREA — Assessor's Parcel Nos. 28-241-08, -12, -13 and -24 within the "RM-4-PD" Zone District — FIRST SUPERVISORIAL DISTRICT.

This will be one item on the agenda when the Santa Cruz County Planning Commission holds a public hearing on Wednesday, July 21, 1976 at 9:00 a.m., in the Board of Supervisors Hearing Room, Courts Building, 701 Ocean Street, Santa Cruz, California.

Further information is available at the Santa Cruz County Planning Department, 400 Governmental Center, 701 Ocean Street, Santa Cruz, California.

KAY BOWDEN
Secretary,
Planning Commission
County of Santa Cruz

July 11

(19044)

Road Project Completion Is Urged By Borovatz

Supervisor Ed Borovatz wants the road projects in the 1976-77 budget completed by Sept. 15, stating he fears that newly-elected supervisor(s) in January could be the swing vote(s) to change project priorities.

Borovatz, the San Lorenzo Valley-Scotts Valley representative on the board, is scheduled to ask his fellow supervisors Tuesday to order the public works department to complete the road projects by the fall date, or have its efficiency brought into question.

During budget hearings last month, Borovatz was successful in getting \$120,000 to repave the Lompico Road in his area.

His project, and projects in the north coast area of Supervisor Gary Patton and Aptos Supervisor Dale Dawson were made possible when the three voted to take \$319,000 in projects away from Watsonville Supervisor Cecil Smith.

Smith had the support of Live Oak-Soquel Supervisor Dan Forbus, but it wasn't enough for a majority vote.

However, Supervisor-elect Marilyn Liddicoat, who will re-

place Dawson in January, indicated she was angry at the majority's move to take south county projects.

Borovatz is in a runoff election in November with candidate Pat Liberty, a candidate that has been shown support by Smith during primary campaign functions.

Borovatz said he has been assured by public works that it can meet the deadline he is asking, and that "normally the overlay (paving) programs are completed by the end of summer."

"However, this year," Borovatz added, "there was some question raised that the engineering time would not allow them to get the work done this summer and the bids will not go out until July 20, which is later than usual."

Borovatz said that the engineering problem was not great as overlay problems. He said they do not require detailed engineering and that the late bid date would not delay the projects past summer, according to public works. His letter to the board states:

"Some question has been raised as to whether the projects can be completed prior to the beginning of the winter season."

"With engineering and design functions lowered, I believe that it is realistic to expect all overlay projects could be completed by Sept. 15."

"Should this not be the case, I would consider it most appropriate for the board to question both the efficiency of the department's operation and its budgeted staffing level."

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REQUESTS FOR PUBLIC SERVICE EMPLOYMENT POSITIONS

Requests for subsidized public service employment (PSE) positions by public and private non-profit agencies are being solicited by the County of Santa Cruz.

Further information and request forms may be obtained from the CETA Unit in the County Personnel Office, Room 510, 701 Ocean Street, Santa Cruz, telephone number 425-2541. All requests must be submitted on the "Request for Public Service Employment Positions" form by 4:00 P.M. at the above location, on July 19, 1976.

July 11

(19039)