

ENTRY NO. CU73 Date  
 Cyclotron Model Ebco TR-13  
 Institution Seoul National University Hospital  
 Address 28, Yungun-Dong Chongro-Gu, Seoul, Korea  
 Tel 02-760-3805 Telex  
 Fax 02-745-7690 E-MAIL  
 In Charge: J.M. Jung Reported by: J.S. Chai

**HISTORY**  
 MILESTONE DATES:  
 Installation OCT., 1994 First Beam Feb., 1995  
 DESIGN/CONSTRUCTION BY:  
 COST: Accelerator USD2,400,000 Facility  
 FUNDED BY: SNU Hospital

**STATUS**  
 STAFF: Operators 1 Technicians 3  
 BUDGET: Machine USD150,000 Funded by SNU Hospital  
 TIME DISTRIBUTION: (e.g. basic research, isotope production, maintenance, etc.)  
 (a) Radioisotope production 100 %  
 (b) %  
 (c) %  
 (d) %  
 (e) %

**CHARACTERISTIC BEAMS**

Accelerated Ions	E/A (MeV/u)	Current (part $\mu$ A)	
		Internal	External
(a) Proton	13 MeV	100 $\mu$ A	
(b)			

1994  $\mu$ A-hours on target:

**FACILITIES**  
 SHIELDED AREA: Fixed 70 m<sup>2</sup> Moveable m<sup>2</sup>  
 Target Stations: 4 No. Served At Same Time:  
**OTHER FACILITIES:**  
 PET Scanner, HPLC, Hotcell  
 Chemistry module

**REFERENCES/NOTES**  
 (a)  
 (b)

PLAN VIEW OF FACILITY, COMMENTS

ENTRY NO. CU74 Date  
 Cyclotron Model SCANDITRONIX MC17  
 Institution KAROLINSKA HOSPITAL, DEP CLIN NEUROFYS  
 Address BOX 60500, S-104 01 STOCKHOLM, SWEDEN  
 Tel (8) 729 5590 Telex  
 Fax (8) 33 99 53 EMAIL  
 In Charge: G. PRINTZ Reported by: G. PRINTZ

**HISTORY**  
 MILESTONE DATES:  
 Installation JUN 81-DEC 81 First Beam DEC 1981  
 DESIGN/CONSTRUCTION BY: SCANDITRONIX AB  
 COST: Accelerator Facility  
 FUNDED BY: RESEARCH GRANTS

**STATUS**  
 STAFF: Operators Technicians 2  
 BUDGET: Machine 40,000 USD Funded by HOSPITAL  
 TIME DISTRIBUTION: (e.g. basic research, isotope production, maintenance, etc.)  
 (a) MAINTENANCE 10-15 %  
 (b) ISOTOPE PRODUCTION 85-90 %  
 (c) %  
 (d) %  
 (e) %

**CHARACTERISTIC BEAMS**

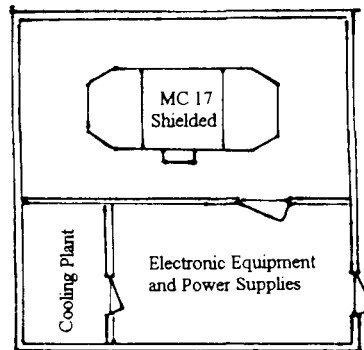
Accelerated Ions	E/A (MeV/u)	Current(part $\mu$ A)	
		Internal	External
(a) p	17	> 50 $\mu$ A	50 $\mu$ A
(b) d	8.5	> 25 $\mu$ A	25 $\mu$ A

1991  $\mu$ A-hours on target:

**FACILITIES**  
 SHIELDED AREA: Fixed m<sup>2</sup> ~~Moveable~~ m<sup>2</sup> SELF SHIELDED CYKLOTRON  
 Target Stations: No. Served At Same Time:  
**OTHER FACILITIES:**  
 PET RADIOCHEMISTRY LAB + 2 PET CAMERAS

**REFERENCES/NOTES**  
 (a)  
 (b)

PLAN VIEW OF FACILITY, COMMENTS



To Control room and Radiochemistry lab.