

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 μ A)	
		Internal	External
(a) Proton	13 MeV	100 μ A	
(b)			

1994 μ A-hours on target:

FACILITIES

SHIELDED AREA: Fixed 70 m² Moveable m²
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 μ A)	
		Internal	External
(a) p	17	> 50 μ A	50 μ A
(b) d	8.5	> 25 μ A	25 μ A

1991 μ A-hours on target:

FACILITIES

SHIELDED AREA: Fixed m² SELF SHIELDED CYCLOTRON
Target Stations: 1 No. Served At Same Time: 1

OTHER FACILITIES:

PET RADIOCHEMISTRY LAB + 2 PET CAMERAS

REFERENCES/NOTES

(a)
(b)

PLAN VIEW OF FACILITY, COMMENTS

