

ENTRY NO. **CU77** Date

Cyclotron Model **Ebc0 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 μA	.....
(b) .....	.....	.....	.....

1994 μ A-hours on target:

FACILITIES

SHIELDED AREA: Fixed: **70** m² Moveable

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. **CU78** Date

Cyclotron Model **SCANDITRONIX MC17**

Institution **KAROLINSKA HOSPITAL, DEP. CLIN. NEUROFYS**

Address **BOX 60500, S-104 01 STOCKHOLM, SWEDEN**

Tel

Fax **(8) 33 99 53** Telex

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

FUNDED BY: **RESEARCH GRANTS**

STATUS

STAFF: Operators

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 μA	50 μA
(b) d.	8.5	> 25 μA	25 μA

1991 μ A-hours on target:

FACILITIES

SHIELDED AREA: Fixed

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

