

ENTRY NO. **CU77** 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) <b>Radioisotope production</b>	<b>100</b>	<b>%</b>
(b) .....	.....	.....
(c) .....	.....	.....
(d) .....	.....	.....
(e) .....	.....	.....

**CHARACTERISTIC BEAMS**

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

1994  $\mu$ A-hours on target: .....

**FACILITIES**

SHIELDED AREA: Fixed: **70** m<sup>2</sup> 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) <b>MAINTENANCE</b>	<b>10-15</b>	<b>%</b>
(b) <b>ISOTOPE PRODUCTION</b>	<b>85-90</b>	<b>%</b>
(c) .....	.....	.....
(d) .....	.....	.....
(e) .....	.....	.....

**CHARACTERISTIC BEAMS**

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

1991  $\mu$ A-hours on target: .....

**FACILITIES**

SHIELDED AREA: Fixed .....

Target Stations: **1** No. Served At Same Time: **1**

OTHER FACILITIES: **SELF SHIELDED CYKLOTRON**  
**PET RADIOCHEMISTRY LAB + 2 PET CAMERAS**

**REFERENCES/NOTES**

(a) .....

(b) .....

**PLAN VIEW OF FACILITY, COMMENTS**

