

ENTRY NO. CU45 Date Sep. 1995
 Cyclotron Model AVF 930
 Institution National Institute of Radiological Sciences
 Address 9-1, Anagawa-4-chome, Inage-ku, Chiba-shi 263 Japan
 Tel 043 (251) 2111 Telex 3722205 NIRS J
 Fax 043 (251) 7979 E-MAIL
 In Charge: S. Yamada Reported by: T. Yamada

HISTORY

MILESTONE DATES:

Installation 1972-1973 First Beam Dec. 1973
 DESIGN/CONSTRUCTION BY: CGR-MeV (Thomson-CSF)
 COST: Accelerator Facility
 FUNDED BY: Science and Technology Agency

STATUS

STAFF: Operators 2 Technicians 2
 BUDGET: Machine Funded by
 TIME DISTRIBUTION: (e.g. basic research, isotope production, maintenance, etc.)
 (a) Radiotherapies 45 %
 (b) Isotope Production 14 %
 (c) Nuclear Medical Diagnosis, others 20 %
 (d) Maintenance 21 %
 (e) %

CHARACTERISTIC BEAMS

Accelerated Ions	E/A (MeV/u)	Current (part μ A)	
		Internal	External
(a) p	8-89		20
(b) d	6-27		40

1994 μ A-hours on target:

FACILITIES

SHIELDED AREA: Fixed: 376 m² Moveable m²
 Target Stations: 8 No. Served At Same Time:
 OTHER FACILITIES:
 (1) Cyclotron Radiotherapies Facility
 (2) Radiopharmaceuticals Production Facility
 (3) Nuclear Medical Diagnosis Facility

REFERENCES/NOTES

- (a) T. Yamada et al. Proc. 11th Int. Conf. on Cyclo. 61
- (b) T. Yamada et al. Proc. 12th Int. Conf. on cyclo. 106

PLAN VIEW OF FACILITY, COMMENTS

ENTRY NO. CU46 Date Sep. 1995
 Cyclotron Model CYPRIIS HM-18
 Institution National Institute of Radiological Sciences
 Address 9-1, Anagawa-4-chome, Inage-ku, Chiba-shi 263 Japan
 Tel 043 (251) 2111 Telex 3722205 NIRS J
 Fax 043 (251) 7979 E-MAIL
 In Charge: S. Yamada Reported by: T. Yamada

HISTORY

MILESTONE DATES:

Installation 1993-1994 First Beam Mar. 1994
 DESIGN/CONSTRUCTION BY: Sumitomo Heavy Industries, Ltd
 COST: Accelerator Facility
 FUNDED BY: Science and Technology Agency

STATUS

STAFF: Operators 1 Technicians
 BUDGET: Machine Funded by
 TIME DISTRIBUTION: (e.g. basic research, isotope production, maintenance, etc.)
 (a) Isotope Production 85 %
 (b) Maintenance 15 %
 (c) %
 (d) %
 (e) %

CHARACTERISTIC BEAMS

Accelerated Ions	E/A (MeV/u)	Current (part μ A)	
		Internal	External
(a) p	18		70
(b) d	4.5		50

1994 μ A-hours on target: 6181 μ A-hours

FACILITIES

SHIELDED AREA: Fixed: 75 m² Moveable m²
 Target Stations: 3 No. Served At Same Time:
 OTHER FACILITIES:
 Radiopharmaceuticals Production Facility

REFERENCES/NOTES

- (a)
- (b)

PLAN VIEW OF FACILITY, COMMENTS