

ENTRY NO. CU41 Date

Cyclotron Model CGR-MEV, CYPRIS 325
 Institution CNR INSTITUTE OF CLINICAL PHYSIOLOGY
 Address VIA SAVI 8, 56100 PISA, ITALY
 Tel +39.50.583254 Telex 590549 IFC I
 Fax +39.50.553461 EMAIL

In Charge: P. SALVADORI Reported by: P. SALVADORI

HISTORY

MILESTONE DATES:
 Installation 1985 First Beam 1986
 DESIGN/CONSTRUCTION BY: CGR, MEV, FRANCE
 COST: Accelerator 900,000 USD Facility 1,100,000 USD
 FUNDED BY: NATIONAL COUNCIL OF RESEARCH (CNR)

STATUS

STAFF: Operators 1 Technicians 2
 BUDGET: Machine 400,000 Funded by CNR
 TIME DISTRIBUTION: (e.g. basic research, isotope production, maintenance, etc.)
 (a) isotope production 80 %
 (b) basic research 16 %
 (c) maintenance 5 %
 (d) %
 (e) %

CHARACTERISTIC BEAMS

Accelerated Ions	E/A (MeV/u)	Current(part μ A)	
		Internal	External
(a) p	16	80	40
(b) d	4	50	30

1991 μ A-hours on target:

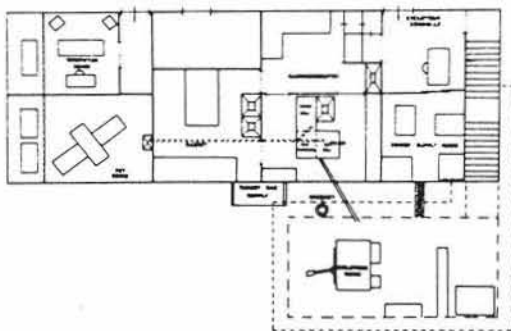
FACILITIES

SHIELDED AREA: Fixed 50 m² Moveable m²
 Target Stations: 1 No. Served At Same Time: 1
 OTHER FACILITIES:

REFERENCES/NOTES

(a)
 (b)

PLAN VIEW OF FACILITY, COMMENTS



ENTRY NO. CU43 Date

Cyclotron Model JSW BC-168
 Institution Research Inst. for Brain & Blood Vessels-AKITA
 Address 6-10 Senshu-Kubota machi, Akita city, Akita 010,
 Tel Jpn:188-33-0115 Telex JAPAN
 Fax Jpn:188-33-2104 EMAIL

In Charge: Kazuo Uemura Reported by: Matsutaro Murakami

HISTORY

MILESTONE DATES:
 Installation Oct.1982-Apr.1983 First Beam Feb.1983
 DESIGN/CONSTRUCTION BY:
 COST: Accelerator ¥ 300,000,000 Facility

FUNDED BY: Akita Prefecture

STATUS

STAFF: Operators 3 Technicians 1
 BUDGET: Machine ¥ 15,000,000 Funded by Akita Prefecture
 TIME DISTRIBUTION: (e.g. basic research, isotope production, maintenance, etc.)
 (a) Isotope production for clinical use 80 %
 (b) Isotope Production for basic research 10 %
 (c) Maintenance 10 %
 (d) %
 (e) %

CHARACTERISTIC BEAMS

Accelerated Ions	E/A (MeV/u)	Current(part μ A)	
		Internal	External
(a) H ⁺	16 - 50	8.5 H ⁺	5.7 H ⁺
(b) D ⁺	8 - 50	7.2 H ⁺	4.6 H ⁺

1991 μ A-hours on target: ... 4.2 x 10⁴

FACILITIES

SHIELDED AREA: Fixed 22.5 m² Moveable m²
 Target Stations: 5 No. Served At Same Time: 1
 OTHER FACILITIES:

REFERENCES/NOTES

(a)
 (b)

PLAN VIEW OF FACILITY, COMMENTS

