



# Research Collection Catalogue



## gantry dial

<https://mhc.andornot.com/en/permalink/artifact11177>

Accession Number:	005017003
Collection:	<a href="#">Dr. Charles Hayter Collection</a>
Category:	<a href="#">Diagnostic &amp; Treatment Artifacts</a>
Classification:	<a href="#">Radiotherapy</a>
Description:	A grey metal gantry dial from a Therac 6 Linear Accelerator; the dial is a round disk with numbers in degrees (in units of ten) printed around the outer rim in counter-clockwise order; there is an arrow mounted in the centre which can be rotated to point at the numbers.
Number Of Parts:	1
Provenance:	Owned by Dr. Hayter; the unit it was attached to was number 29 of about 35 that were produced, it was one of the last to come out of service in the mid to late 1990s.
Maker:	AECL Medical Products (Atomic Energy of Canada Limited)
Site Made (City):	<a href="#">Ottawa</a>
Site Made (State):	<a href="#">Ontario</a>
Site Made (Country):	<a href="#">Canada</a>
Dates:	1982 1996 1982-1996
Date Remarks:	Donor's remarks; the brochure for the Therac 6 Linear Accelerator (005.017.004) says it is from the 1980s.
Material:	metal: grey, black
Inscriptions:	"AECL" printed on the arrow.
Permanent Location:	Storage Room 0010 0010-F3-11
Dimension Notes:	Depth 3.3 x Diam. 45.5 cm
Condition Remarks:	Some wear on the inner part of the dial where the arrow has been moved.
Copy Type:	Original
Reference Types:	Other JPG
Reference Comments:	See 005.017.004; CD #2
Research Facts:	The Therac 6 is a large cancer treatment unit which uses "mega-voltage therapy" to treat cancer patients.

### Images



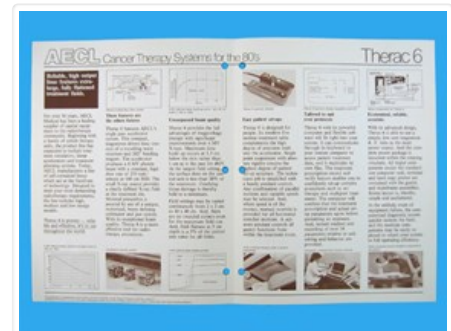
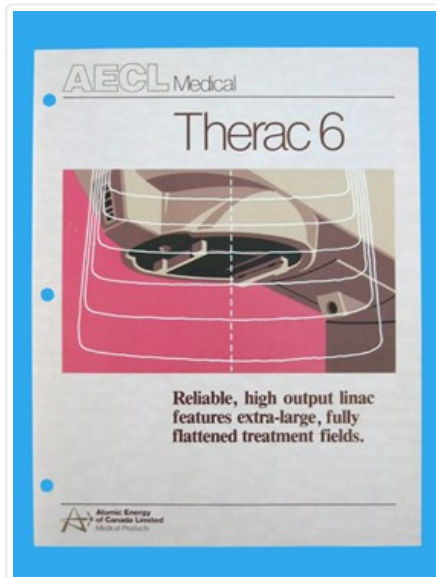
## AECL brochure



<https://mhc.andornot.com/en/permalink/artifact11178>

Accession Number: 005017004  
 Collection: [Dr. Charles Hayter Collection](#)  
 Category: [Archival Items](#)  
 Classification: [Archival, Advertisements](#)  
 MeSH Heading: [Radiotherapy -- pamphlet](#)  
 Description: A brochure for a Therac 6 Linear Accelerator; made of one large page folded in half to form a booklet.  
 Number Of Parts: 1  
 Provenance: Owned by Dr. Hayter.  
 Maker: AECL Medical Products (Atomic Energy of Canada Limited)  
 Site Made (City): [Ottawa](#)  
 Site Made (State): [Ontario](#)  
 Site Made (Country): [Canada](#)  
 Dates: 1980  
 1989  
 1980-1989  
 Date Remarks: It says it is from the "80s".  
 Material: paper: beige, pink, brown  
 Inscriptions: "AECL Medical // Therac 6 // Reliable, high output linac // features extra-large, fully // flattened treatment fields. // Atomic Energy // of Canada Limited // Medical Products" printed on the cover  
 "AECL Cancer Therapy Systems for the 80's Therac 6" printed at the top of the inner page  
 Permanent Location: Storage Room 2005  
 2005-2-2 Box #3  
 Dimension Notes: Length 28.0 x Width 21.7 cm  
 Condition Remarks: Like new.  
 Copy Type: Original  
 Reference Types: JPG  
 Reference Comments: CD #7  
 Research Facts: The Therac 6 is a large cancer treatment unit which uses "mega-voltage therapy" to treat cancer patients.

Images



# AECL Medical



### These 6 Specifications

- 100 cm x 1.4 D.
- 126 cm anti height.
- 100° gentry and collimator rotation.
- Wedge filter interlocks.
- "Wedge filter" 40°, 45°, 50°.
- 3 motion treatment table with open section top.
- Beam shaping kit.
- Computer monitoring.
- Manual and mechanical air therapy.

### Power Room

- Output: 6 MV.
- Drive rate: 250 rad/min.
- Fields: 2 x 2 cm to 40 x 40 cm, fully open.

### Room Requirements

- 4' x 10' x 9' - 11 KVA power
- 3 L/S pull-out vent.

### OPTIONS

- 60 cm treatment table with 62 cm vertical travel and "Tuning Fork" top.
- Beam shield for full 40 x 40 cm field.
- Central Independent.
- Wide field wedge filter.

### Service is our Watchword

AECL's Service Centers are on call 24 hours a day, 7 days a week. Individually trained in 7 sites across the United States, in Canada and in Australia, they are your direct link to immediate support service for our complete line of medical products. Backed by fully stocked parts depots, our factory trained technicians are your assurance of trouble-free operation within hours of your call.

Throughout Africa, Australia, Europe, the Far East, the Middle East, Central and South America, our agents are ready to provide an equally high level of user and on-site support assistance, should the need arise, by AECL personnel.

In addition, AECL provides your capital investment with a unique comprehensive service contract, including on-site planning assistance and installation experience. And, our history of field training programs enable the optimum use of our products.

At AECL, service has been our watchword for over three decades. And, it's a watchword backed up by all of our products.

### You Can Count on Us

For over three decades, AECL has been a leading manufacturer of radiation equipment for both the nuclear industry and medical field. The medical division produces linear accelerators and related radiology equipment, treatment simulators, precision cameras and medical computer products used in the diagnosis and treatment of cancer. The complete product line is involved in the manufacture of both radioisotopes for world-wide use in industrial diagnosis in the world's leading supplier of radiation monitoring equipment.

For complete information on AECL's Medical products, contact your nearest AECL representative, Atomic Energy of Canada Limited, Medical Products, P.O. Box 6396, Ottawa, Canada K2A 1P1, or write:

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Albuquerque (505) 867-6262  
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