

~~This is atomic energy!~~

At the Oak Ridge National Laboratory's Medical Division, this, too, is atomic energy -- in an atomic cocktail -- serving science in cancer research.

An amazing diagnostic tool, the gamma scintillation counter, used on the patient who just drank the atomic cocktail, actually draws a picture showing the extent of cancerous tissues in his system.

For other patients, doctors often must inject radio-active liquids intravenously. This solution -- gallium seventy two -- is shielded by lead bricks and must be handled with extreme care.

Returning to the patient, the doctor pours the radio-active xni gallium into the "dripelator," which feeds the solution through a tube into the bloodstream.

This is atomic energy -- a powerful force being used in research to benefit all mankind.

ATOMIC MEDICINE

Pathe (New York)

PK

1.	G.V.	Exterior, Oak Ridge National Laboratory Medical Division.	7'
2.	S.V.	Cancerous type drinking atomic cocktail.	3'
3.	C.U.	ditto.	4'
4.	L.V.	Patient laying on table. Doctor operating diagnostic tools, the gamma scintillation counter.	6'
5.	S.V.	Doctor adjusting gamma scintillation counter.	4'
6.	S.V.	Doctor looking at picture drawn by g.s.c.	2'
7.	C.U.	Picture drawn by counter.	6'
8.	L.V.	Patient lying in bed, awaiting injection of gallium 72.	4'
9.	S.V.	Doctor walks into laboratory and prepares to remove gallium 72 from lead brick.	4'
10.	C.U.	Lead brick being removed and solution being extracted.	10'
11.	S.V.	Doctor holding solution in tweezers walks into ward.	3'
12.	S.V.	Doctor pouring radioactive gallium into dripolator.	6'
13.	C.U.	Solution entering dripolator.	6'
14.	C.U.	Radioactive solution being taken from test-tube.	2'
15.	C.U.	Clock.	2'
16.	C.U.	a part of dripolator.	2'
17.	L.V.	Doctors and nurses working on patient.	5'
		WITH TITLE	82'

Oak Ridge 1. ✓
 Atomic Power. 1-17 ✓
 Medical - Research 1-17.

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