

FACTSHEET HUMAN EXPERIMENTATION - 143 (SFS9.002)

Project Name: Controlled Study of the Split-dose
Technique in Radiotherapy of Cancer

Date Started:
Date Terminated:

Institution: Center for Energy and Environmental Research, Puerto Rico
Funding Source(s): AEC

Identification:

Project Duration:

Principal Investigator(s): Victor Marcial, M.D. and staff

Responsible Government Official(s):

Objective(s) of Project: To compare the results obtained by the usual uninterrupted radiation treatment (6000 roentgens in six weeks) with a similar dose given in two separate two-week periods with a rest interval of two to three weeks half way in the treatment (3,000 R in two weeks plus two to three weeks rest and 3,000 R in two weeks).

Short Description: The study includes tumors measuring 5cm or more, mainly in the head and neck. Half of the cases were treated with the usual technique and the other half receives the split-dose regime. Results were to be evaluated in terms of tumor regression and normal tissue reactions and curability.

Follow-up Data:

References:

Attachment(s):

1. Split-Course Versus Continuous Irradiation of Cancer. Victor Marcial, M.D.
2. Split-Course Radiation Therapy Project. Victor Marcial, M.D.

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