

Project: Metabolic Changes in Humans Following
Total Body Irradiation

Aims + Scope:

These studies are designed to obtain new information about the metabolic effects of total body and partial body irradiation, so as to obtain a better understanding of these acute and sub-acute effects in human beings.

Parameters Studied

Refer to pt's
chart for detailed
outlook.

I Clinical Findings:

- a.) History + Physical
- b.) Signs + Symptoms

c.) Medications

d.) Weight - 3 x WK.

e.) Intake + Output (In some cases)

II Laboratory

a.) Hemogram

b.) SUN

c.) Blood Cultures

d.) Urinalysis

e.) 24 hr Urine Collections For Nucleotides

f.) C-Reactive Protein

g.) Chromosome Analysis

4555)

h.) Immunologic studies - Dr Hess

i.) Luzzio - Serum sent to St. Mary Med. Cen
Quant Precipitation test for antigen-antibody studies

j.) Miscellaneous Lab tests: Electrolytes, liver panel
etc. - if necessary.

III Autologous Marrow

~~By~~ Bone marrow ^{from ea. pt.} is stored in the
"marrow bank" for re-infusion if
the patient's clinical condition warrants it.

IV Psychological Studies : Dr. Gottschalk.