

Event: ~~AF#0034: Determining Plasma Volume, Blood Volume, and Red Cell Mass With I-125~~ ...

Event Primary Information

Event Key Classification: *Other Research* ✓

Full Title: AF#0034: Determining Plasma Volume, Blood Volume, and Red Cell Mass With I-125

Start Date (mm/dd/yy): 01/ /68

End Date (mm/dd/yy): 02/ /68

Abstract: *Summary: Radioisotopic dilution technique tracer study with no expected significant radiation exposure. A single body dose of 5 UC of I-125. This study establishes a I-125 methodology for plasma volumes. Abstract: A standard method was used for determining plasma volume with radioiodinated human serum albumin (RISA) labeled with I-125. A typical plasma volume value found with this method is 37 ml/kg, within the normal range of 27.6 to 52.0 +/- 6.1 ml/kg. By use of indirect measurements, the the total blood volume and red cell volume can also be determined values for these were: total blood volume, 67 ml/kg; und red cell voulme, 30 ml/kg. (Total body dose = 6 mrem)*

Point of Contact information

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Investigators Information

Last Name	First Name	PIA*
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LOGSDON	DONALD F.	

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Notes:

* P-Principle, A-Associate

Facility where Event took place information

Facility: Internal Medicine Branch, Brooks Air Force Base, San Antonio, TX

Address: Brooks Air Force Base

City: San Antonio

State: TX

ZIP:

Doc # 0339