

** MAY CONTAIN EXPORT CONTROL DATA **

ATTC

AIR1.941130.018c

(C) 1991 DTIC

AN (1) AD- 697 387
 FB (2) 060700
 CI (3) (U)
 CA (5) SCHOOL OF AEROSPACE MEDICINE BROOKS AFB TEX
 TI (6) A MODIFIED 125I PLASMA VOLUME PROCEDURE.
 TC (8) (U)
 DN (9) Final rept. May-Jul 69,
 AU (10) Logsdon, Donald F. , Jr.
 AU (10) Green, James F.
 AU (10) Harper, John W.
 RD (11) Oct 1969
 PG (12) 13
 RB (14) SAM-TR-69-63
 PJ (16) AF-7755
 TN (17) 775502
 RC (20) Unclassified report
 DE (23) (*RADIOACTIVE CONTAMINATION, RADIOTHERAPY),
 (*RADIOTHERAPY, RADIATION DOSAGE),
 EXPOSURE (PHYSIOLOGY), LABORATORIES, REDUCTION,
 RADIOACTIVE ISOTOPES, PERMISSIBLE DOSAGE, IODINE,
 HUMANS, BLOOD SERUM, ALBUMINS, RADIOBIOLOGY
 DC (24) (U)
 ID (25) *plasma volume procedures, radioiodinated human serum
 albumin, risa125i (radio iodinated human serum
 albumin)
 IC (26) (U)
 AB (27) Reducing the radiation exposure dose from radioisotope
 procedures is a constant requirement of the
 radioisotope laboratory. A modified RISA-125I plasma
 volume procedure has now been developed which,
 without sacrificing accuracy, reduces the exposure
 dose by a factor of 10. Curves are also presented
 which permit selection of a minimum plasma sample or
 a minimum dose of RISA-125I, with short or long
 counting times. (Author)
 AC (28) (U)
 DL (33) 01
 SE (34) F
 CS (35) 317000