

102 (1034)

A note on the desensitization of rabbits.By **ALFRED H. CAULFEILD, M.B.***[From the Department of Medical Research, University of Toronto.]*

Twenty-four rabbits had received the following initial doses of bovine protein:

1915, January 16. 5.0 c.c. intrapleurally.
 " 19. 0.5 c.c. subcutaneously.
 " 21. 4.0 c.c. intrapleurally.
 " 26. 2.5 c.c. intravenously.
 " 30. 5.0 c.c. intrapleurally.

On March 24, 1915, after an interval of 53 days, all received two subcutaneous doses of 0.02 c.c. and 0.1 c.c. (diluted to 0.5 c.c. with saline) without any disturbance being produced, and on the following day, March 25, two more subcutaneous doses of 0.25 c.c. and 1.0 c.c. In no instance was any disturbance produced throughout the four reinjections.

On March 26 2.0 c.c. was tried intravenously. Five rabbits had been injected when an acute death occurred and this was rapidly followed by a second. For the remaining 21 rabbits (as one had met with an accidental death) the dose was halved to 1.0 c.c. intravenously without any definite disturbance.

On March 28 all received 5.0 c.c. intrapleurally without any definite evidence of anaphylactic shock, although a number seemed slightly depressed for an hour or so.

RESULTS OF REINJECTIONS IN RABBITS 13 DAYS AFTER LAST INITIAL INJECTION.

Date....	24.3.15		25.3.15		26.3.15	28.3.15
Dose....	0.02 c.c.	0.1 c.c.	0.25 c.c.	1.0 c.c.	2.0 c.c. & 1.0 c.c.	5.0 c.c.
Manner..	Subcutaneous		Subcutaneous		Intravenous	Intra- pleurally
Results (deaths)	0	0	0	0	2 in 5 for 2.0 c.c. 0 in 21 for 1.0 c.c.	0