

Potassium added after washing out the anæsthetic produces further block in the amethocaine and cinchocaine experiments, but assists recovery in the procaine tests.

3. In diaphragm preparation of adrenalectomised rats, stimulatory doses of potassium chloride added after washing out procaine produce block.

4. Small non-effective doses of five local anæsthetics potentiate the action of *d*-tubocurarine on the rat diaphragm.

5. In the chromodacryorrhœa test, amethocaine and cinchocaine potentiate the action of acetyl- β -methyl choline, whereas procaine and amylocaine inhibit it. This effect may be explained by their relative anticholinesterase activities.

6. The importance of the potassium ion as regards the action of certain local anæsthetics on the acetylcholine response has been discussed.

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THE TUBERCULOSTATIC ACTIVITY OF SOME THIOSEMICARBAZONES

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Corrections

Page 767. In Table II, compounds Nos. 7 and 10 were not tested by the corneal test as is indicated in the Table.

Page 771. Add One of us (J.M.R.) desires to thank the W. H. Ross Foundation for the Prevention of Blindness (Scotland), who defrayed part of the expenses of this investigation.