

## Studies in the Treatment of Malaria

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# STUDIES IN THE TREATMENT OF MALARIA

## XXVIII. QUITENINE HYDROCHLORIDE IN SIMPLE TERTIAN MALARIA

BY

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*From the Liverpool School of Tropical Medicine*

*Undertaken at the request of the War Office*

*(Received for publication 10 May, 1919)*

Sixty grains of this preparation\* were supplied to us by the courtesy of Professor Ramsden.

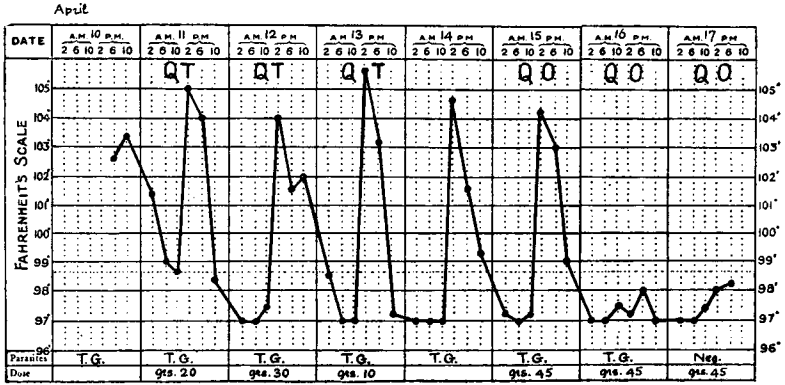
The drug was administered by the mouth in one case (No. 1597), grains 20 being given on the first day, grains 30 on the second day and grains 10 on the third day of treatment, a total of grains 60. The result is shown in the chart, in which :—

- T. = simple tertian trophozoites or schizonts.
- G. = simple tertian gametes.
- Neg. = no parasites found.
- Q.T. = oral administration of quitenine.
- Q.O. = oral administration of quinine sulphate.

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\* The quitenine given to the patient was prepared by Skraup's method by oxidising quinine with potassium permanganate whereby its vinyl group is converted into a carboxyl group.

CASE 1597



CONCLUSION

Quinine hydrochloride in the doses used is of no value in the treatment of simple tertian malaria.