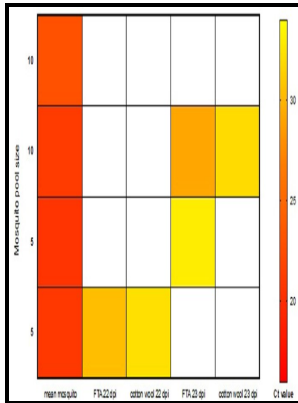


Malariology - a comprehensive survey of all aspects of this group of diseases from a global standpoint

Saunders - Malaria Books



Description: -

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Notes: Includes bibliographies.
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Malariology; a comprehensive survey of all aspects of this group of diseases from a global standpoint.

Citation Baird JK, Louisa M, Noviyanti R, et al. GREEN The Education and Work Experience of Community Organization Practitioners - By Robert Irving Hiller.

Malariology A Comprehensive Survey of All Aspects of This Group of Diseases from a Global Standpoint, American Journal of Public Health

Conclusions and Relevance Genotype-determined and directly measured impaired levels of CYP2D6 activity were associated with elevated risk of therapeutic failure.

Association of Impaired Cytochrome P450 2D6 Activity Genotype and Phenotype With Therapeutic Efficacy of Primaquine Treatment for Latent Plasmodium vivax Malaria

Medical and Veterinary Entomology, 28, 169—178. The Mann-Whitney U test was performed to compare the differences in mean genotype-determined activity scores between patients who did and did not experience relapse.

Malariology: A Comprehensive Survey of All Aspects of This Group of Diseases from A Global Standpoint

Implication of the enzyme responsible for the hypnozoitocidal metabolite of primaquine represents a key step in understanding the molecular basis of this important chemotherapy and the causes of its frequent clinical failure.

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These findings bear directly on treatment practice for patients with P vivax malaria. Main Outcomes Analysis In the instance of both CYP2D6 genotype—determined activity score and the measured dextromethorphan-dextrorphan metabolic ratio, we aimed to estimate risk of relapse at

given thresholds of CYP2D6 activity separating impaired from normal drug metabolism.

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Findings In this nested case-control study of 57 patients who had participated in a clinical trial of primaquine for radical cure of acute *P. vivax* malaria, exposure to low levels of cytochrome P450 2D6 activity determined by genotype or measured by dextromethorphan metabolism phenotype was associated with a significantly increased likelihood of relapse of malaria in the year after directly observed high-dose primaquine therapy. The estimates are arranged in ascending order ie, left to right representing extensive, normal, impaired, and null. Resistance to chloroquine by *P. vivax* commonly occurs, and artemisinin-combined blood schizontocides are effective therapeutic options ; however, primaquine remains the only hypnozoitocidal option.

Malaria Control in Complex Emergencies

Any dose of primaquine in such patients may be futile against relapse, but among the 19 other cases classified as CYP2D6 impaired, higher or repeated doses would perhaps prove to be effective. **Conclusions** More than 90% of the global burden of *P. vivax* malaria occurs in South and Southeast Asia, regions of great human genetic and ethnic diversity.

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Anophelines of the Palearctic region.

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