

Abstract

The pharmacokinetics of cyclophosphamide was studied in 10 Kenyan Africans with Hodgkins lymphoma. The mean \pm s.d. elimination half-life ($t_{1/2}$) was 7.5 ± 1.38 h. The mean \pm s.d. volume of the central compartment (V_1) was 0.35 ± 0.12 l/kg and the apparent volume of distribution (V) was 0.64 ± 0.06 l/kg. The microconstants k_{21} , k_{12} and k_{10} were 1.81 ± 0.84 h⁻¹, 1.90 ± 1.080 h⁻¹ and 2.05 ± 0.86 h⁻¹ respectively (mean \pm s.d.).