

Pharmacokinetics of intravenous cyclophosphamide in man, estimated by gas-liquid chromatography.

Abstract:

A simple gas chromatographic assay utilising alkali flame ionisation detection is described for the estimation of cyclophosphamide as its trifluoroacetate derivative from plasma. Examination of five patients following intravenous cyclophosphamide gave values of 8.9 h (SD 2.7) for the half-life and 0.061 liters/h/kg (SD 0.011) for whole-body clearance of the drug.