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1: [Acta Anaesthesiol Scand.](#) 1987 Jan;31(1):30-2.

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Concentrations of thiopentone in mature breast milk and colostrum following an induction dose.

[Andersen LW](#), [Qvist T](#), [Hertz J](#), [Mogensen F](#).

In two groups of eight patients, concentrations of thiopentone in mature breast milk and colostrum following anaesthesia induction with 5.4 and 5.0 mg kg⁻¹ b.w. (mean), respectively, were measured in the first 36 h postoperatively. Blood concentrations were measured simultaneously. The maximal concentrations were: in mature breast milk, 3.4 +/- 0.68 $\mu\text{mol l}^{-1}$ (mean +/- s.e. mean) (0.090 mg 100 ml⁻¹), and in colostrum, 1.3 +/- 0.5 $\mu\text{mol l}^{-1}$ (0.034 mg 100 ml⁻¹). The milk/plasma ratio was less than 1.0 in both groups. The above concentrations may be regarded as negligible and therefore non-toxic for the nursing infant.

PMID: 3825473 [PubMed - indexed for MEDLINE]

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