

## Pengaruh infus dan hasil ekstraksi dari daun symphytum officinale linn terhadap kontraksi uterus marmut terisolasi

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### Abstrak

Experiments were carried out to see the influence of the infusion and extracts of *Symphytum officinale* L leaves on the contraction of the isolated guinea pig uterus. The size of the contraction caused by the infusion and extracts were compared to the contraction by Syntocinon injection.

A modification of the H.J. Wilkens and F. Sieger method was used to determine the potency.

- The infusion and extraction had a stimulating effect on the guinea pig isolated uterus.
  - The active principle is probably found in the fraction soluble in polar solvents. There is a dose effect relationship.
  - 3055' infusion is more potent to the fraction soluble in polar solvent (fraction I,IV,V) and is more potent than the fraction soluble in non polar solvent (fraction 11,111).
- The potency of the 30%.infusion and 0,02 unit of Syntocinon are almost equal The fraction soluble, in polar solvent increased- the contraction of the isolated uterus, which urge an investigation of the influence of the plant on pregnant animals to know the abortive effect.