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Universiteit Leiden



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# Stellingen behorende bij het proefschrift:

## **METABOLIC EFFECTS OF HORMONAL CONTRACEPTIVES**

- 1 Nestorone® opposes the oestrogenic effect of ethinyl estradiol on haemostasis and lipid metabolism to a lesser extent than levonorgestrel does. (*this thesis*)
- 2 Compared to the oral route, transvaginal administration of ethinyl estradiol does not reduce its impact on the hepatic protein synthesis. (*this thesis*)
- 3 Discriminant analysis can capture information on the difference in effects of oestrogenicity of different combined oral contraceptives on haemostasis that may be missed by conventional statistical analyses. (*this thesis*)
- 4 The continuously used LNG/EE 90/20 µg OC has a higher net oestrogenic effect on the liver than does LNG/EE 100/20 µg OC taken cyclically for 21 days followed by a 7-day pause. (*this thesis*)
- 5 Presuming normal distribution of the data, a non-parametric method of statistical analysis is less likely to reveal differences between groups compared to analysis of covariance. (*ANCOVA*)
- 6 Oestrogen-induced elevated serum triglycerides, in contrast to familiar hypertriglyceridaemia, does not raise the risk of arterial disease.
- 7 Oestrogens alter haemostasis depending on their type, dose and route of administration.
- 8 Smoking modulates the effect of COCs on serum LDL concentration.
- 9 Currently, quality of life is considered the most important measure of well-being, physicians excluded.
- 10 In the Netherlands, we intend to provide physicians who are undergoing specialisation with evidence-based training programmes. That is until the hospital is submitted to a health inspection.
- 11 Pre-medicate an agitated or scared child with midazolam in the peri-operative phase and the child will be calm, but also amnesic. Pre-medicate child's accompanying parent instead, and both will be calm. And the child will remember.
- 12 Without followers, evil cannot spread. (*Spock, And the children shall lead, Star Trek 1968*)