



CHARLES UNIVERSITY IN PRAGUE
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Department of Social and Clinical Pharmacy

Review of diploma thesis

Diploma thesis: **Hypertension and Nutrition: Fat-soluble Vitamins A, D and E**

Name of student: **Jakub Weber**

Reviewer: **Miloslav Hronek, Assoc. Prof., PharmD, Ph.D.**

Year defence: **2014**

The diploma thesis " Hypertension and Nutrition: Fat-soluble Vitamins A, D and E " is written on 89 pages, includes 2 pictures and 17 tables, with 182 references.

Type of thesis: **experimental**

Objective of the thesis: **excellent**

Language and graphic level: **excellent**

Processing of theory: **excellent**

Discussion and conclusion: **excellent**

Theoretical and practical contribution: **excellent**

Reviewer comments:

This thesis is one of the more extensive work with their 182 references. The information used is properly cited in the text. It is processed and written relatively thoroughly with minimum mistakes (e.g. page 40 diagnosed), and the results are adequately interpreted.

My comments are of a formal nature: missing in conclusion - list of tables and graphs, frequently occurring error - the correct usage of the decimal point (e.g. page 6 and in some tables), instead of the term HDL cholesterol HDL lipoprotein prefer to use, in the chapter Results is not necessary to repeat the results shown in the values in the tables.

Recommendations:

1. The results of studies is convenient to describe in the past tense no in the present tense (e.g. in Discussion).
2. In the statistical analysis would be appropriate to divide the monitored individuals with obesity on the group with and without co-morbidity and to assess due to the AHT and to perform a correlation analysis, as it is today described the obesity paradox in which overweight individuals without co-morbidities are protected from development as hypertension.

It is a highly superior thesis, which for its quality I recommend it for defence.

Questins:

1. How was defined in the thesis overweight and obesity, sociekonomic class I - VI?
2. What was the specific content of your clinical work from that what you described in the thesis?
3. In Table 15 you state that has been demonstrated statistically significant difference in the number of smoked cigarettes between the two studied groups. Comparing the consumption of alcohol on the line below with similar mean and SD and rate variability does not indicate it.

The proposed classification: **excellent**

In Hradec Kralove 23.5.2013

Miloslav Hronek, Assoc. Prof., PharmD, Ph.D.