MASTER THESIS
PEER REVIEW

I. PERSONAL AND STUDY DETAILS

Student's name: Suthar Poonam Pravinkumar
Personal ID number: 473069
Faculty: Faculty of Biomedical Engineering
Study program: Biomedical and Clinical Technology
Branch of study: Biomedical Engineering

II. EVALUATION OF THE MASTER THESIS

Masters’s thesis title in English:
Methods of measurement and evaluation of postural stability using a transportable system

<table>
<thead>
<tr>
<th>Evaluation criteria</th>
<th>N. of points</th>
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</thead>
<tbody>
<tr>
<td>1. Fulfillment of the aim of the thesis and suitability of the structure of the thesis with respect to the topic (compliance with the assignment). (0 – 30)*</td>
<td>17</td>
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<tr>
<td>2. Theoretical level and application of accessible sources. (0 – 30)*</td>
<td>15</td>
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<tr>
<td>3. Scope of experimental work (SW, HW) and applied knowledge, quality of the methodology and conclusions of the thesis. (0 – 30)*</td>
<td>16</td>
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<tr>
<td>4. Formal requisites and layout of the thesis (writing mastery, structuring, graphs, tables, citations in the text, list of references etc.). (0 – 10)*</td>
<td>4</td>
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<tr>
<td>5. Total points</td>
<td>52</td>
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* Verbal evaluation should be part of the Comments
III. PROPOSED QUESTIONS FOR THE DEFENSE (OPTIONAL)

1. Can you explain the functional significance of the anatomical landmarks chosen by you for evaluation of the posture as a whole?

2. The only difference was found between infantry and other two groups. It seems that they tend to have more flexed posture. What part of their training could explain this finding?

3. Please correlate the COP position with the vertebral spine angles. Is there correlation with more flexed posture and COP position?

IV. THE OVERALL ASSESSMENT OF THE LEVEL OF THE MASTER THESIS

<table>
<thead>
<tr>
<th>Grade**:</th>
<th>A (excellent)</th>
<th>B (very good)</th>
<th>C (good)</th>
<th>D (satisfactory)</th>
<th>E (sufficient)</th>
<th>F (failed)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of points:</td>
<td>100 - 90</td>
<td>89 - 80</td>
<td>79 - 70</td>
<td>69 - 60</td>
<td>59 - 50</td>
<td>&lt; 50</td>
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</tbody>
</table>

** in case of F (failed) please explain in detail

I give the above grade to the master thesis and I recommend/ do not recommend it for the defence.

V. COMMENTS

The first and maybe main problem of this thesis is rather poor English. There are so many examples of errors throughout the text, that it is not possible to cite them. Sometimes it is nearly incomprehensible.

Eg.: int phrase
“...and may confirm however well your body adapts " author confuses "however“ and “how" - the meaning is quite different! And such example could be found on every page. In many instances the ending "-s“ is not used in verbs in the third person - wrong verb conjugation - eg. he write instead of he writes.
Improper use of capitals - in many instances probably due to the automatic correction (capital after "," in Word) is also frequent, particularly in references.
There is a good overview of methods and technique used for measurement of posture and body position with relevant references.
But the description of angles used for body measurement is very short and incomplete - see Figure 14. Angle is defined by three points and not just two. Also, the point denominated SXs is not defined int the paper - probably it is the tip of sternal bone according the figures.
Discussion is not vety elaborated and particularly some explanation of the results is missing nearly completely.
The work needs proof reding and correction of English professional.
In relation to the above objections one has to argue that the quality is low, on the lower limit of requirements prescribed for defending it.

Name and surname incl. degrees: as. MUDr. Rudolf Černý, CSc.
Institution: FN Motol, Neurologická klinika dospělých
Contact address: V Úvalu 84, 150 06 Praha 5
Signature: .............................................
Date: ..................................................