

BACHELOR THESIS PEER REVIEW

I. PERSONAL AND STUDY DETAILS

Student's name: Gil León Angie Vanessa Personal ID number: 487718

Faculty: Faculty of Biomedical Engineering
Study program: Biomedical and Clinical Technology

Branch of study: **Biomedical Technician**

II. EVALUATION OF THE BACHELOR THESIS

Analysis of the response of pulse oximeters to changes in oxygen saturation depending on the set averaging time						
	Evaluation criteria	N. of points				
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). $(0 - 30)$ *	28				
	Any part or sentence of the bachelor thesis assignment has to be dealt with. The full amount of points can be given to the excellent thesis only. The points are reduced in relation to the part of the assignment which is not properly dealt with or is not included at all.					
2.	Theoretical level and application of accessible sources. (0 – 30)*	28				
	The reader evaluates the relevance of the theoretical part of the thesis with respect to the assignment and structuring of the ideas. If word-for-word citing prevails, the reader shall decrease the rating by 15 points. (of course if copyright is abided). Moreover, another reason for decreasing the overall assessment is insufficient amount of theoretical knowledge, references and sources.					
3.	Scope of experimental work (SW, HW) and applied knowledge, quality of methodology and conclusions of the thesis. (0 - 30)*	30				
	Maximum number of points can be granted to a thesis which is fit for publishing. This aspect is judged with respect to enhancement of theoretical knowledge and practical implications. Creation of a model, SW or technical realization is valued. For minor methodological flaws, the assessment is reduced by up to 5 points. Inconsistency of elaboration with the theoretical background and unclear or not fully professional approach leads to a reduction by at least 15 points. Another decrease can be due to insufficient discussion. A total of 30 points can be given to a very complex and flawless work, including other activities such as participation in scientific-research project or grant, active participation in the writing publications, patents and utility models.					
1.	Formal requisites and layout of the thesis (writing mastery, structuring, graphs, tables, citations in the text, list of references etc.). (0 - 10)*	9				
	Reader evaluates formal requisites according to the rules of writing, attributes of final works, i.e. text formatting, structure of the text, references, quality of charts and tables and citations. Number of points can be reduced for noncompliance with the rules by the maximum of 2 points for each disrespected attribute. Grammatical mistakes, spelling mistakes and improper stylistics and terminology decrease the evaluation by 2-4 points. Only standard terminology should be used, especially in the English language (it is necessary to judge the ability to use the technical language - 2 points), graph are according to the rules (see tolerance and the influence of statistical processing - 2 points), captions are included for graphs and tables and everything is readable (2 points), citation rules are complied with according to ISO690 and ISO690-2 (2 points).					
5.	Total points	95				

1.						
2.						
3.						
. THE OVERA	LL ASSESS	MENT OF T	HE LEVE	L OF THE BA	CHELOR TH	IESIS
Grade**:	A (excellent)	B (very good)	C (good)	D (satisfactory)	E (sufficient)	F (failed)
Number of points:	100 - 90	89 - 80	79 - 70	69 - 60	59 - 50	< 50
	Х					
COMMENTS						
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bibliography is w established than there are no simi In the case of g appropriate to us	el. ded into 7 parts ell described, alt websites. Some lar statements ir eneral stateme se sources of rec	s plus attachme chough one would times the author on the sources (vidents, definitions cognized reputati	nts. The wo d like it to ind marks a giv le "Introduct in the field on and servi	rkflow is clear, conclude more items, conclude more items, en statement as conformation, first paragrap of medicine or pung as medical textoork should be based	orrectly run and especially those oming from the h-item in literat atho /- physiolo tbooks - website	d easy to read. To that are more we literature, althou ure No. 1.). bogy, it seems most are an interesti

The author has full control over the collected material throughout her narrative.

universality?) - from a scientific point of view, it seems interesting to know the selection key.

Name and surname incl. degrees: Dr n.med. Mariusz Jamka	ì
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The work meets the requirements for scientific work.

legible and have their justification in the conducted research.

Institution: Masimo Polska Sp. Z o.o $\,$

Contact address: Plac Konstytucji 5/17, 00 - 657 Warszawa

Signature:	
Date:	

The author evaluates in the work 3 technologies of saturation measurement available in 3 different medical devices - however, she does not explain why these technologies were selected for comparison (Their availability? Their

The methodology of work is noteworthy - very well planned, carried out and described. The conclusions are logical,