

REFEREE'S REVIEW

Program:	Master in Public Management
Student:	Anastasia Bogochanova
Title of thesis:	THE IMPACT OF GOVERNMENT REGULATIONS ON THE VALUE CHAIN OF PHARMACEUTICAL COMPANIES IN RUSSIAN FEDERATION

Justification of the topic choice. Accuracy in defining the aim and objectives of the thesis. Justification of the topic choice; accuracy in defining the aim and tasks of the thesis; originality of the topic and the extent to which it was covered; alignment of the thesis' topic, aim and objectives.	5	4	3	2
Structure and logic of the text flow. Logic of research; full scope of the thesis; alignment of thesis' structural parts, i.e. theoretical and empirical parts.	5	4	3	2
Quality of analytical approach and quality of offered solution to the research objectives. Adequacy of objectives coverage; ability to formulate and convey the research problem; ability to offer options for its solution; application of the latest trends in relevant research are for the set objectives.	5	4	3	2
Quality of data gathering and description. Quality of selecting research tools and methods; data validity adequacy; adequacy of used data for chosen research tools and methods; completeness and relevance of the list of references.	5	4	3	2
Scientific aspect of the thesis. Independent scientific thinking in solving the set problem/objectives; the extent to which the student contributed to selecting and justifying the research model (conceptual and/or quantitative), developing methodology/approach to set objectives.	5	4	3	2
Practical/applied nature of research. Extent to which the theoretical background is related to the international or Russian managerial practice; development of applied recommendations; justification and interpretation of the empirical/applied results.	5	4	3	2
Quality of thesis layout. Layout fulfils the requirements of the Regulations for master thesis preparation and defense, correct layout of tables, figures, references.	5	4	3	2

Each item above is evaluated on the following scale, as applicable: 5 = the thesis meets all the requirements, 4 = the thesis meets almost all the requirements, 3 = a lot of the requirements are not met in the thesis, 2 = the thesis does not meet the requirements.

Additional comments:

Please, elaborate on the above mentioned criteria (about 500 words)

Regulatory sphere is one of the key aspects of pharmaceutical industry and has a great impact on industry performance. The regulatory environment is rapidly changing both on the country and regional levels especially in pharma and sometimes it is hard to keep track on it. The thesis gives an opportunity to understand and navigate it. It includes analysis of R&D and production pharma cycle. On the other hand, Anastasia chose very complicated and multi-dimensional topic. That is brave but the thesis lacks in-depth analysis due to too many different problems involved. Anastasia has done a great work describing Russian regulatory system and comparing it with other countries, making projections and recommendations about its future development. Unfortunately, the choice of countries for comparison is not justified properly and there are more relevant comparators in terms of healthcare systems. Anastasia collected and analyzed huge amount of data but the data presented contains some factual errors and outdated information, lacks understanding of market access processes and instruments. The recommendations made are very impressive but sometimes lack special knowledge (especially in pricing, financing of healthcare products and market access of health technologies) and are a little bit subjective. Nevertheless, the thesis gives an overview of the development of Russian pharma.

Master thesis of Anastasia Bogochanova meets (doesn't meet) the requirements of the Master in Public Management program, and according to the reviewer's opinion deserves a/an "excellent (A / B) / good (B / C / D) / satisfactory (D / E) / unsatisfactory (F)" grade, thus the author can be given the desired degree.

Date 04.06.18

Referee: (academic title, name)  Alexandra Glazkova