

Masaryk University

Faculty

Faculty of Medicine

Procedure field

Anaesthesiology, Intensive Medicine and Algeziology

Applicant

MUDr. Věra Špatenková, Ph.D.

Applicant's home unit, institution

Head of the Neurointensive Care Unit, Neurocenter Regional Hospital Liberec

Habilitation thesis

Healthcare Associated Infections in Brain and Spine Diseases

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Hospital Universitario de La Princesa, Madrid, Spain

Evaluation of the applicant's scholarly/artistic qualifications

MUDr. Věra Špatenková, Ph.D., is a respected expert in anaesthesiology and intensive care medicine with a strong academic and research profile. She holds three diplomas of specialization in anaesthesiology (I. and II. degree) and intensive care medicine. Her research focuses on neurocritical care, infection control, and multimodal strategies for reducing nosocomial infections.

Total number of publications indexed in Web of Science is 23 with 76 citations (excluding self-citations) and H-index 6.

She was member of principal investigator's team in TAČR grant focused on effect of positioning on lung function in real time.

She is chair of Neurocritical section in Czech Society of Intensive Care and member of several international and national medical societies (ČSARIM, ČSIM, ESICM etc.).

Her work has contributed to reducing multidrug-resistant infections and promoting rational antibiotic use in critical care settings.

Conclusion: The applicant's scholarly/artistic capabilities **meet** the requirements expected of applicants participating in a habilitation appointment procedure in the field of Anaesthesiology, Intensive Medicine and Algeziology.

Evaluation of the applicant's pedagogical experience

MUDr. Věra Špatenková, Ph.D., is a distinguished educator in the field of anaesthesiology, and intensive care medicine. Over two decades she is teaching at medical faculties, including the 2nd and 3rd Faculty of Medicine at Charles University in Prague. Since 2017 she has been actively involved in teaching at the Faculty of Health Studies, Technical University of Liberec, where she contributes to undergraduate education. She focuses on clinical anaesthesiology, intensive care, and neurocritical medicine and integrates evidence-based medicine and infection control strategies into educational curriculum. She is also active contributor to simulation-based education through the Center for Medical Simulation at the Institute of Physiology, 1st Faculty of Medicine, Charles University. She supervises diploma theses and doctoral research, fostering academic growth and scientific inquiry among students. She is author of four chapters in textbooks. She is also author of the article focuses on simulation methods in the medical education.

Conclusion: The applicant's pedagogical capabilities **meet** the requirements expected of applicants participating in a habilitation appointment procedure in the field of Anaesthesiology, Intensive Medicine and Algeziology.

Habilitation thesis evaluation

The thesis is structured as a comprehensive commentary on four original publications indexed in the Web of Science, all of which list Dr. Špatenková as the first author. These include four prospective observational studies. The thesis spans 108 pages and is supported by 112 references, demonstrating a thorough engagement with current literature.

Dr. Špatenková's research focuses on the implementation and evaluation of a multimodal protocol for the prevention of hospital-acquired infections in neurointensive care units. Her work is distinguished by its methodological rigor, including a 10-year prospective cohort study involving over 3,400 patients. The studies are notable for their scale and clinical relevance, particularly in reducing the incidence of multidrug-resistant infections and promoting rational antibiotic use.

While the theoretical framework of the protocol could benefit from deeper elaboration, the thesis meets all formal and scientific criteria required for habilitation. It reflects Dr. Špatenková's exceptional clinical insight, academic integrity, and commitment to improving standards of care in critical medicine.

Conclusion: The applicant's habilitation thesis **meets** the requirements expected of habilitation theses in the field of Anaesthesiology, Intensive Medicine and Algeziology.

Secret vote results

Voting took place: electronically

Number of board members		5
Number of votes cast		5
of which	in favour	5
	against	0

Board decision

Based on the outcome of the secret vote and following an evaluation of the applicant's scholarly or artistic qualifications, pedagogical experience and habilitation thesis, the board hereby submits a proposal to the Scientific Board of the Faculty of Medicine of Masaryk University to **appoint the applicant associate professor** of Anaesthesiology, Intensive Medicine and Algeziology.

In Brno on 15.10.2025

prof. MUDr. Petr Štourač, Ph.D., MBA, LL.M., FESAIC