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REVIEWER REPORT

The book “PATHOLOGICAL PHYSIOLOGY - SELECTED CHAPTERS” of authors Prof. MUDr. Jana Plevková, PhD., Prof. MUDr. Ján Hanáček, CSc., Prof. MUDr. Miloš Tatár, CSc., Doc. RNDr. Mariana Brozmanová, PhD. and MUDr. Tomáš Buday, PhD. is a textbook which was written for medical students taking the Pathophysiology course. This book focuses on development of knowledge, skills and attitudes of students, while connecting preclinical knowledge with clinical application.

The book has 391 pages and contains 31 chapters. The great asset of this textbook is, that the style in which it is written is easy to understand, approachable to every student. In each chapter, there is a knowledge base from Physiology through Pathophysiology to clinical application of basic and advanced concepts to situations in real medical practice. The book contains a great number of tables, graphs, schemes, and images which help to understand the difficult concepts. Major advantage for the students is the presence of clinical cases located in the end of each chapter. They are well written, the cases and the questions are of variable degree of difficulty. Some of them are geared to students with basic knowledge, while others are more difficult with the aim to increase interest and motivation of students and spark “the need to know”. The clinical cases contain the most important facts from History, Physical examination, Laboratory findings, including X-rays, ECGs and Ultrasound images when appropriate, which help students to identify the patients’ medical conditions. The clinical cases are followed by questions, the most valuable part, which are aimed to understand the pathophysiology concepts of the patients’ disease. Learning through combination of theory and clinical cases promotes active participation of students during the process of learning.

The digital format of the book on MEFANET will enable this book to be used by many students not only at Jessenius Faculty of Medicine, but also at other Faculties of Medicine. I strongly recommend making the book widely available.

Bratislava, November 1, 2017

A handwritten signature in blue ink, appearing to read 'Silvia Hnilicová', written in a cursive style.

MUDr. Silvia Hnilicová, PhD