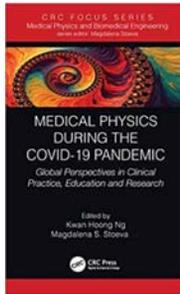


## Book Review

### **MEDICAL PHYSICS DURING THE COVID-19 PANDEMIC Global Perspective in Clinical Practice, Education and Research**

**Editors: Kwan Hoong Ng and Magdalena S Stoeva,  
ISBN: 978-0367693756, Part of CRC Focus Series in  
Medical Physics and Biomedical Engineering**



This book shows the impact of COVID 19 on one whole profession – medical physics. The book has been written during the pandemic and collects the experience of leading specialists in continuing the delivery of their professional activities. The Editors have made a very suitable structure giving a real picture of the overall activities in one profession.

The chapters and their authors are;

-Consolidating Wisdom from Diverse Talents (Kwan Hoong Ng, Magdalena Stoeva)

-Medical Physics Services in Radiation Oncology - Pandemic Trials and Tribulations (Tomas Kron, Richard Dove, Matthew Sobolewski, Swamidas V. Jamema, Mulape M. Kanduza, May Whitaker)

-Adjustments to Nuclear Medicine Physics Services in Response to the Pandemic (Jim O’Doherty, Bruno Rojas, Carla Abreu, Maria Holstensson, Stefan Gabrielson, Rachael Dobson, Hsieh William, Dylan Bartholomeusz, Kevin Hickson, James Crocker, Kitiwat Khamwan, Yassine Toufique, Amal Guensi, Brahim Idbelkasl, Niall Colgan, David Lavin, Brendan Tuohy)

-Adapting in a Crisis - Radiology Medical Physics Service Provision during a Pandemic (Zoe Brady, James M. Kofler, Mika Kortensniemi, Kosuke Matsubara, Jose M. Fernandez-Soto, Yoon Yongsu, Kwan Hoong Ng)

-Education and Training during COVID-19 Pandemic - Lessons Learned and the Way Forward (Jeannie Hsiu Ding Wong, Annette Haworth, Ana Maria Marques da Silva, Vassilka Tabakova, Kwan Hoong Ng)

-Role of Medical Physicists in Scientific Research during COVID-19 Pandemic - Switching to the “New Normal” (Magdalena Stoeva, Byungchul Cho, Azim Celik, Francis Hasford, Leidy Johana Rojas Bohorquez)

-IOMP’s Global Perspectives for Medical Physics during the COVID-19 Pandemic (Magdalena Stoeva, Kwan Hoong Ng, John Damilakis, Madan M. Rehani)

-Medical Physics during the COVID-19 Pandemic -Global Perspectives—Asia-Pacific (Xiance Jin, Fu Jin, Hasin Anupama Azhari, Woo Sang Ahn, Cheryl Lian Ling Pei, Congying Xie, Hui-yu Tsai)

-Medical Physics during the COVID-19 Pandemic - Global Perspectives—Middle East (Huda Al Naemi, Mohammad H. Kharita, Meshari Al Nuaimi, Refat Al Mazrou, Rabih Hammoud, Zeina Elbalaa, Zakia Al Rahbi, Hanan Al Dosary, Ismail A. Abuawwad, Ibtisam Nasser Al-Maskari)

-Medical Physics during the COVID-19 Pandemic - Global Perspectives—Europe (Paddy Gilligan, Efi Koutsouveli, McClean Brendan, Carola Van Pul)

-Medical Physics during the COVID-19 Pandemic - Global Perspectives—Africa (Christoph Trauernicht, Francis Hasford, Taofeeq Abdallah Ige)

-Medical Physics during the COVID-19 Pandemic -Global Perspectives—North America (Brent C. Parker, David W. Jordan, Charles Kirkby, M. Saiful Huq)

-Medical Physics during the COVID-19 Pandemic - Global Perspectives—Latin America and the Caribbeans (Carmen Sandra Guzmán Calcina, Patricia Mora Rodríguez, Simone Kodlulovich Renha)

-Medical Physics Journals during the Time of COVID-19 - The Editor’s Experience February–October 2020 (Slavik Tabakov, Perry Sprawls, Paolo Russo, Iuliana Toma-Dasu, Jamie Trapp, Michael D. Mills, Simon R. Cherry, Stoeva Magdalena)

-The Response of Medical Physics for World Benefit to the COVID-19 Crisis (Jacob Van Dyk, Parminder Basran, Robert Jeraj, Yakov Pipman, L. John Schreiner, David Wilkins)

-Early Career Medical Physics Experience during the COVID-19 Pandemic - Experience and Perspectives from a

Medical Physics Leadership and Mentoring Program (Luiza Goulart, Louise Giansante, Lukmanda Evan Lubis, Iyobosa Uwadiae, Josilene C. Santos)

-Communicating Leadership in Adversity (David Yoong, Ray Kemp, Kwan Hoong Ng)

Each chapter is about 10 pages and presents specific activities, problems and solutions during the pandemic crisis. Special attention is given to the Regions of IOMP – professional reaction in various continents.

The book includes 91 contributors from 39 countries and will be a historic account of the impact of the COVID-19 virus on the field of one whole profession, related to healthcare - medical physics.

The collective opinion from educators, researchers and major medical physics journal editors-in-chief is presented, showing how the pandemic has affected the quality of these areas and related publications.

It is interesting to see the opinion of both established specialists and young colleagues with narratives of their experiences of coping with life during the pandemic. This is also linked with communicating leadership in times of adversity.

The book will be of interest to wide audience of readers from the fields of medical physics and other healthcare professionals, but also administrators and regulators.

The book will be an important reference and in future will surely be explored by specialist in science history and sociology.

Reviewed by:

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