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What's New in the *Korean Journal of Radiology* in 2021

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In 2021, the readers and authors of the *Korean Journal of Radiology (KJR)* may find some changes compared with the previous year. We have a new Editor-in-Chief, Dr. Seong Ho Park [1]. New section editors have also been appointed, and they will be introduced later in this article. *KJR* has also implemented or considers introducing other changes to improve the experience of the readers and authors.

First, the topics *KJR* publishes will likely become more common in 2021. In 2020, there was a noticeable shift to publishing articles on coronavirus disease-19 (COVID-19), similar to several other academic journals [2, 3]. *KJR* published a total of 35 articles on COVID-19 in 2020 at the time of writing this article (early December), which is a substantial number compared to the number of articles it publishes each year (generally fewer than 200). We are confident that the shift was the right decision, given the importance of rapidly sharing relevant scientific information during the current COVID-19 pandemic. Of the articles on COVID-19 that *KJR* published, 10 were original research studies [4-13], all of which have already been cited by other peer-reviewed scientific journals, not to mention the high number of views and downloads. One paper has been cited 347 times [13], according to Google Scholar at the time of writing this article. Such an extraordinary response by the readers and researchers proves that *KJR*'s emphasis on the rapid publication of articles on COVID-19 well-served the journal's mission of propagating knowledge on radiologic imaging and related sciences. *KJR* has also published multiple case reports on COVID-19 for the same reason. The decision to publish case reports was exceptional as *KJR* had stopped publishing case reports for several years. In 2021, we expect the number of COVID-19 articles to gradually shrink as, hopefully, the pandemic has become increasingly under control following the introduction of vaccines and other public health measures. Also, we have a better understanding of the virus and the disease now than during the early periods of the pandemic.

Besides COVID-19, in 2021, we anticipate that studies on artificial intelligence (AI) and various image-based modeling for diagnosis and the prediction of outcomes of patients, such as radiomics, will continue to be big themes in radiological research. *KJR* encourages authors to move forward to investigate how those models perform in real-world practice and how they affect patient care instead of merely building and testing models within limited experimental settings. Studies on these topics are often difficult for readers and reviewers alike because of the complexity of the subject matter and the suboptimal organization and presentation of the research report [14]. *KJR* will pay more attention to the quality of reporting in such studies. Some guidance materials already exist [15-17]. We encourage investigators wishing to submit their research to *KJR* to consider these directions. More comprehensive specific reporting guidelines, most notably AI- and machine learning-specific extensions to the STARD statement (STARD-AI) and TRIPOD statement (TRIPOD-ML), are under development [18, 19]. We will immediately provide readers with the necessary information when these guidelines are released. *KJR* occasionally published pertinent methodologic guides [20]. We plan to continue publishing such articles.

Second, there will be several minor changes in *KJR*'s policy and editorial process. We recommend reading the revised Publication Instructions for Authors of the journal (https://www.kjronline.org/index.php?body=Instruction). Below are some of the changes that future authors should note:

- Updated guidelines for research and publication ethics (https://www.kjronline.org/index.php?body=ethics)
- Broadened recognition of co-corresponding authorship
- Reduced time to the first decision

KJR has been accepting co-first authors but rarely allowed co-corresponding authorship. We will extend the recognition of co-corresponding authorship to more studies. This change is because more research studies in radiology are now multidisciplinary than before, such as requiring collaboration between radiology and engineering disciplines or between radiology and other fields of medicine, which naturally requires equally significant contributions from multiple contributors.

We will pay attention to reducing the duration from submission to the first decision. The average duration from submission to the first decision was shorter in 2020 than in 2019 despite a large increase in the number of submissions (approximately 1300 from January to November 2020 compared with approximately 800 in the same period in the previous year). The time reduction was because most of the increase was due to submissions about COVID-19. We offered them a fast-track review considering the urgency of the topic while maintaining the scientific rigor of the review process, as other journals seem to have done [21]. The fast-track review was an unprecedented challenge to the journal. We sincerely express our gratitude to all of those who contributed to the fast-track review. When manuscripts on COVID-19 were excluded, the average time in 2020 essentially remained similar (approximately 35 days) compared with the year before. We will continue trying to reduce the time. Making administrative screening more efficient helps to reduce the processing time. In this regard, we will provide a template for the full title page (available for download at Publication Instructions for Authors page) to help authors submit a complete unblinded full title page with all the required information.

Finally, we are pleased to introduce newly appointed section editors.

New Musculoskeletal Section Editor, Dr. In Sook Lee

Dr. In Sook Lee graduated from Pusan National University, School of Medicine in 1998, where she earned MD and PhD. After radiology residency training at Pusan National University Hospital, she had one year of fellowship training in the musculoskeletal section of the radiology department at Seoul National University Hospital and Seoul National University Bundang Hospital. After that, she worked as an instructor, assistant professor, and associate professor of radiology at Pusan National University Hospital. Since March 2017, she has been a tenured professor in radiology at Pusan National University Hospital. She has been serving as the chair of the department since January 2020. She has more than 70 scientific publications and five book chapters to her credit. She has served as a reviewer for *KJR*, *Investigative Magnetic Resonance Imaging*, *European Radiology*, *Ultrasonography*, and *Acta Radiologica*.

New Nuclear Medicine Section Editor, Dr. Gi Jeong Cheon

Dr. Gi Jeong Cheon graduated from the Seoul National University College of Medicine. He earned an MD degree in 1993, completed his residency in nuclear medicine at the Seoul National University Hospital, and received a PhD at the same university. After training, he worked as a nuclear medicine physician at the Korea Cancer Center Hospital/Korea Institute of Radiological and Medical Sciences (2000–2010) and a scientist at the Molecular Imaging Research Center at the Korea Institute of Radiological and Medical Sciences (2004–2010). He, subsequently, worked as a professor (2010–2012) of nuclear medicine at Korea University Anam Medical Center. He has been serving as a professor since September 2012 at the Seoul National University College of Medicine. As a nuclear medicine physician and molecular

imaging scientist, he has been conducting various clinical and basic research studies, including research on radionuclide therapy, radionuclide tumor imaging (PET, SPECT, and scintigraphy), and molecular imaging as well as molecular targeted therapy using molecular target-specific radiotracers (throughout *in vivo* imaging and clinical trials). He has published more than 300 papers in peer-reviewed journals on nuclear medicine, molecular imaging, and radionuclide therapy. He has a continuing interest in radionuclide-targeted therapy using multifunctional, target-specific radiotracers, and tailored therapy with combined multimodal molecular imaging modalities.

New Pediatric Section Editor, Dr. Young Hun Choi

Dr. Young Hun Choi graduated from Seoul National University, School of Medicine, and earned his MD degree in 2003. He completed residency training in diagnostic radiology at the Seoul National University Hospital (2004–2008) and became a certified member of the Korean Board of Radiology. In 2011, after completing fellowship training in pediatric radiology at the Seoul National University Hospital, he was appointed as a faculty member in the pediatric radiology section. He has written more than 100 scientific papers in international journals and delivered multiple invited lectures internationally and regionally.
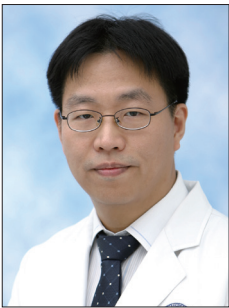
New Technology, Experiment, and Physics Section Editor, Dr. Yong Eun Chung

Dr. Yong Eun Chung graduated from Yonsei University College of Medicine in 2002. He completed both internship and radiology residency training at Yonsei University Severance Hospital. After completing fellowship training and subsequently working as a faculty member at Severance Hospital for several years, he was appointed as an assistant professor of radiology at Severance Hospital in 2012. Currently, he is serving as an associate professor specializing in abdominal radiology for the same institution. He has written more than 100 scientific papers and served as an active reviewer for several journals, including *KJR*, *European Radiology*, and *Journal of Magnetic Resonance Imaging*. Dr. Chung's research areas include hepatobiliary imaging, state-of-art computed tomography (CT) and magnetic resonance imaging (MRI) techniques, CT/MRI contrast agents, radiation hazard/protection, and critical care imaging.

New Thorax Section Editor, Dr. Sang Min Lee

Dr. Sang Min Lee graduated from Seoul National University, School of Medicine in 2004, where he earned MD and PhD. He went on to complete a one-year internship and four-year residency training at the Department of Radiology at Seoul National University Hospital. He also spent one year as a fellow in thoracic radiology at Seoul National University Hospital. In March 2020, he was appointed as an associate professor in radiology at Asan Medical Center. He has written more than 40 research papers in international journals as lead authors. He has won the Scientific Paper Award by the Korean Society of Radiology twice. His areas of expertise include imaging of lung cancer, radiomics, quantitative image analysis, and AI.

Conflicts of Interest
The author has no potential conflicts of interest to disclose.

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Conceptualization: Seong Ho Park. Writing—original draft: Seong Ho Park. Writing—review & editing: Seong Ho Park.

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