

2019: A Year of Reflection

Kathy S. Thomas, MHA, CNMT, PET, FSNMMI-TS

Editor, *JNMT*

The December 2019 issue marks the completion of my second year as *JNMT* Editor. Through the tireless efforts of my associate and consulting editors, the unbelievable support from Society of Nuclear Medicine and Molecular Imaging staff, and the growing number of technologist authors, we continue to build and enhance content of the *JNMT*. Looking back on the 2019 calendar year, *JNMT* has offered its readers 13 continuing education opportunities, numerous state-of-the-art scientific research discussions, and multiple teaching case studies that demonstrate unusual findings or clearly demonstrate how imaging was useful in helping with a diagnosis. Additionally, the thoughtful submissions for the Educators' Forum continue to provide our educators with useful information to support professional growth or enhance teaching skills. Finally, the Practical Protocol Tips and recently added Practical Pointers provide straightforward "how to" explanations of imaging or therapeutic protocols or address specific issues found in the clinical setting.

This final issue of 2019 once again offers 3 excellent continuing education articles. Wilnellys Moore and Sarah Frye present the first of a 2-part series, "A Review of the HIPAA" (part 2 to be presented in the March 2020 issue) (1). The second contribution, written by Funmilayo Tade et al. provides technologists with a guide for best practices for ^{18}F -Fluciclovine PET/CT imaging (2). The final submission, written by Geoffrey Currie, expands on his brief communication in the September issue of *JNMT* regarding intelligent imaging, also known as AI (artificial intelligence). This is an important topic of growing interest in the medical community and its projected impact on the future practice of medicine (3). To enhance the educational offering of the ^{18}F -Fluciclovine PET/CT imaging manuscript, the Practical Protocol Tip, written by Jason Colloton, provides a concise protocol for ^{18}F -fluciclovine (Axumin) imaging in recurrent prostate cancer (4).

Scientific research discussions in this issue cover several interesting topics including renal imaging and quantification, biodistribution and dosimetry with ^{131}I -rituximab, a comparison of radiopharmaceuticals in lymphoscintigraphy, an assessment of blood glucose levels on ^{18}F -FDG activity in the body, and a look at the effects of rotation speed and time on repetitive data acquisition with ^{123}I -FP-CIT SPECT.

Quality improvement is always an important consideration in any clinical setting. In this issue, a quality improvement

project undertaken by multiple centers to reduce the injection infiltration rate is discussed by Terrence Z. Wong et al. (5). In the March 2020 issue, a Practical Pointer is being developed to share key findings that have helped technologists in one institution improve injection techniques and reduce overall infiltration rates in the PET/CT department.

Professional development is a topic that readers identified as "needed" but seldom offered in *JNMT*. Too often we find front-line caregivers promoted to supervisory positions without the knowledge or experience in leadership to succeed. In this issue, Lynne Roy cites a personal journey taken by her with her organization to provide current and future supervisors and managers with the necessary skills and competencies to meet organizational goals and objectives while supporting the needs and issues of those working in the imaging departments (6).

Next, a submission by one of our student authors, Rani Noble, presents an interesting discussion on a wearable PET scanner for neurologic imaging (7). We hope to build on the number of student submissions in 2020 that reinforce clinical research by our student technologists as well as provide a positive experience that may encourage future submissions for publication.

Finally, don't miss the Nuclear Medicine Technology Certification Board's article summarizing the 2018 technologist salary survey presented in the Departments section. This comprehensive discussion provides an in-depth summary of data acquired on salaries in the profession and will serve as a valuable resource for those looking for accurate data based on key variables including job title, gender, and geographic location.

As always, I encourage your thoughts, comments, and suggestions to improve *JNMT*. This journal is the only peer-reviewed journal that supports nuclear medicine technology. Its success, in part, relies on the continuous input from its readers. Additionally, the quality of *JNMT* relies on the volunteer efforts of its reviewers. If you would like to become a reviewer for *JNMT*, please contact me at kstthomas0412@msn.com.

Wishing you all a wonderful holiday season and a happy and healthy New Year.



**Kathy S. Thomas,
MHA, CNMT, PET,
FSNMMI-TS**

REFERENCES

1. Moore W, Frye SA. Review of HIPAA, part 1: history, protected health information, and privacy and security rules. *J Nucl Med Technol.* 2019;47:269–272.
2. Tade F, Sajdak RA, Gabriel M, et al. Best practices for ¹⁸F-fluciclovine PET/CT imaging of recurrent prostate cancer: a guide for technologists. *J Nucl Med Technol.* 2019;47:282–287.
3. Currie GM. Intelligent imaging: anatomy of machine learning and deep learning. *J Nucl Med Technol.* 2019;47:273–281.
4. Colloton J. ¹⁸F-fluciclovine. *J Nucl Med Technol.* 2019;47:267–268.
5. Wong TZ, Benefield T, Masters SC, et al. Quality improvement initiatives to assess and improve PET/CT injection infiltration rates at multiple centers. *J Nucl Med Technol.* 2019;47:326–331.
6. Lynn R. A Team approach to professional development and accountability. *J Nucl Med Technol.* 2019;47:332–335.
7. Noble R. Ambulatory microdose PET: a wearable PET scanner for neurologic imaging. *J Nucl Med Technol.* 2019;47:336–340.