Neuroendocrine tumors (NETs) are comprised of biologically diverse neoplasms. The presence of systemic symptoms is dependent on NET location and differentiation. New treatment modalities have become available, offering patients improved symptom management and survival. Advanced practice RNs (APRNs) provide direct care to and coordination of treatment for patients with NETs, including treatment of somatostatin receptor–positive disease with lutetium Lu 177 dotatate (Lutathera®) peptide receptor radionuclide therapy.

AT A GLANCE
- NETs are complex and may cause a variety of symptoms, such as those associated with carcinoid syndrome.
- APRNs are key members of the interprofessional team and are involved in the diagnosis, treatment, and coordination of care of patients with NETs.
- Somatostatin receptor–positive NETs may be treated with targeted treatments containing radioactive isotopes, such as lutetium Lu 177 dotatate.

KEYWORDS
- peptide receptor radionuclide therapy (PRRT); neuroendocrine; carcinoid syndrome

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