32. Neuroendocrine Tumors of the Appendix

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Emerging Prognostic Factors for Clinical Care

The authors have not noted any emerging prognostic factors for clinical care at this time.

Risk Assessment Models

The AJCC recently established guidelines that will be used to evaluate published statistical prediction models for the purpose of granting endorsement for clinical use.[1] Although this is a monumental step toward the goal of precision medicine, this work was published only very recently. Therefore, the existing models that have been published or may be in clinical use have not yet been evaluated for this cancer site by the Precision Medicine Core of the AJCC. In the future, the statistical prediction models for this cancer site will be evaluated, and those that meet all AJCC criteria will be endorsed.

Recommendations for Clinical Trial Stratification

Although only a few prospective trials have been conducted to date concerning NETs of the appendix, this expert panel proposes collecting data prospectively (see Registry Data Collection Variables for this disease) so that future groups can design trials based on the following stratification criteria.

Histologic grade
AJCC Cancer Staging Manual, 8th Edition stage
Tumor size
Nodal involvement
Invasion of tissue/lymph/nerve
Laparoscopic vs. open appendectomy outcomes

Bibliography

1. Kattan MW, Hess KR, Amin MB, et al. American Joint Committee on Cancer acceptance criteria for inclusion of risk models for individualized prognosis in the practice of precision medicine. *CA: a cancer journal for clinicians.* 2016.