Accepted Manuscript

Assessing for multiple endocrine neoplasia type 1 in patients evaluated for Zollinger-Ellison Syndrome – clues to a safer diagnostic process

Naykky Singh Ospina, MD, MS, Diane Donegan, MB BCh BAO, Rene Rodriguez-Gutierrez, MD, MS, Zahraa Al-Hilli, William F. Young, Jr., MD, MS

PII: S0002-9343(16)31249-9

DOI: 10.1016/j.amjmed.2016.11.035

Reference: AJM 13829

To appear in: The American Journal of Medicine

Received Date: 5 October 2016

Revised Date: 16 November 2016

Accepted Date: 21 November 2016

Please cite this article as: Ospina NS, Donegan D, Rodriguez-Gutierrez R, Al-Hilli Z, Young WF Jr., Assessing for multiple endocrine neoplasia type 1 in patients evaluated for Zollinger-Ellison Syndrome – clues to a safer diagnostic process, *The American Journal of Medicine* (2017), doi: 10.1016/j.amjmed.2016.11.035.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



Assessing for multiple endocrine neoplasia type 1 in patients evaluated for Zollinger-Ellison Syndrome – clues to a safer diagnostic process

Authors

Naykky Singh Ospina, MD, MS^{1,2}; Diane Donegan MB BCh BAO³; Rene Rodriguez-Gutierrez, MD, MS^{2,4}; Zahraa Al-Hilli,^{5,6}; William F Young Jr., MD, MS³

Affiliations

- Division of Endocrinology, Diabetes and Metabolism, Department of Medicine, University of Florida, Gainesville, FL
- (2) Knowledge and Evaluation Research Unit in Endocrinology (KER-Endo), Division of Endocrinology, Diabetes, Metabolism and Nutrition, Department of Medicine, Mayo Clinic, Rochester, MN
- (3) Division of Endocrinology, Diabetes and Metabolism, Department of Medicine, Mayo Clinic, Rochester MN
- (4) Division of Endocrinology, Department of Internal Medicine, University Hospital "Dr. Jose E. Gonzalez", Autonomous University of Nuevo Leon, Monterrey, 64460, Mexico.
- (5) Department of Surgery, Mayo Clinic, 200 First Street, Rochester, MN
- (6) Department of General Surgery, Cleveland Clinic, Cleveland, OH

Keywords: multiple endocrine neoplasia type 1, gastrin, Zollinger-Ellison Syndrome, proton pump inhibitors

Word count: 1134

Running tittle: MEN1 and Zollinger-Ellison Syndrome

Corresponding author

William F. Young Jr

Mayo Clinic Rochester

200 First Street Southwest, Rochester, Minnesota -55905 USA

Download English Version:

https://daneshyari.com/en/article/5576668

Download Persian Version:

https://daneshyari.com/article/5576668

Daneshyari.com