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Retrospective Study

Somatostatin receptor scintigraphy in the follow up of neuroendocrine neoplasms of appendix

Jelena Saponjski, Djuro Macut, Dragana Sobic-Saranovic, Sanja Ognjanovic, Ivana Bozic Antic, Djordje Pavlovic, Vera Artiko

Abstract

BACKGROUND

Neuroendocrine tumors of appendix (ANETs) known as carcinoids, are rare endocrine neoplasms originated from enterochromaffin cells of gastrointestinal tract. ANETs are the third most frequent (16.7%) gastrointestinal neuroendocrine tumors, with the

Match Overview

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<https://www.ncbi.nlm.nih.gov/pubmed/12853358>

Somatostatin receptor scintigraphy versus chromogranin A assay in the management of patients with neuroendocrine tumors of different types: clinical role. **Cimitan M(1), Buonadonna A, Cannizzaro R, Canzonieri V, Borsatti E, Ruffo R, De Apollonia L.**

Cited by: 100

Author: M. Cimitan, A. Buonadonna, R. Cannizz...

Publish Year: 2003

Imaging in neuroendocrine tumors: an update for the clinician

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4526141>

The indications for **somatostatin receptor-based** imaging are: detection and localization of primary NETs and their metastases, staging, **follow-up** for disease recurrence and to select patients for **peptide receptor radionuclide therapy** (PRRT).

Cited by: 20

Author: Jessica E Maxwell, James R Howe

Publish Year: 2015

Scintigraphic Evaluation of Neuroendocrine Tumors ...

<https://www.carcinoid.org/.../scintigraphic-evaluation-of-neuroendocrine-tumors> ▾

Somatostatin receptors are found in the cells of **neuroendocrine** organs and in some non-**neuroendocrine** cells. In addition, tumors that arise from these tissues also contain **somatostatin receptors**. Almost all **neuroendocrine** tumors possess a high density of **somatostatin receptors**.

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<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3687448>

Isotope therapy using somatostatin analogues labelled with **radioactive isotopes** is a promising form of treatment, especially for **patients** disqualified from surgery and who have demonstrated the existence of **somatostatin receptors** on the surface of the tumour in **receptor scintigraphy**.

Cited by: 4

Author: Paweł Gut, Jakub Fischbach, Grzegorz ...

Publish Year: 2012



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[NEN - The Role of Somatostatin Receptor Scintigraphy in ...](#)

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Overexpression of **somatostatin receptors** (SSTR) on NENs' cell membrane was a basis for development of **somatostatin receptor scintigraphy** (SRS) using single photon emission tomography SPECT, which is today a well-established standard in molecular imaging of NENs, and further imaging improvement in the field of positron emission tomography (PET).

Cited by: 2

Author: Marta Opalińska, Alicja Hubalewska-Dydej...

Publish Year: 2016

[Value of Somatostatin Receptor Scintigraphy \(SRS\) in ...](#)

<https://www.enets.org/value-of-somatostatin...> ▼

Introduction: Neuroendocrine neoplasms of the appendix (ANEN) are one of the most commonly identified **gastroenteropancreatic tumours** (GEP). The aim of this retrospective study was to review the value of Somatostatin Receptor Scintigraphy (SRS) in staging and imaging follow-up of patients with confirmed **ANEN**, **NENG1** and **NENG2** in single institution.

[Value of Somatostatin Receptor Imaging \(SRI\) in Patients ...](#)

<https://www.enets.org/value-of-somatostatin...> ▼Value of **Somatostatin Receptor Imaging (SRI)** in Patients with **Appendiceal Neuroendocrine Neoplasms**



Somatostatin receptor scintigraphy in the follow up of neuroendocr



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In the case of a well-differentiated neoplasm with a **low proliferative index Ki-67** where the expression of somatostatin receptors (somatostatin receptor scintigraphy) is expected, patients might be qualified for treatment with somatostatin analogues.

Cited by: 4

Author: Paweł Gut, Jakub Fischbach, Grzegorz K...

Publish Year: 2012

Value of Somatostatin Receptor Scintigraphy (SRS) in ...

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Value of Somatostatin Receptor Imaging (SRI) in Patients ...

<https://www.enets.org/value-of-somatostatin...> ▾

Value of **Somatostatin Receptor Imaging (SRI)** in Patients with **Appendiceal Neuroendocrine Neoplasms (ANEN)** Base on **Clinical Follow-Up Abstract #1874** Introduction: **Neuroendocrine neoplasms of the appendix** are common **GEP-NEN tumors**.

[PDF] NEUROENDOCRINE TUMORS Somatostatin Receptor ...

<https://humanhealth.iaea.org/HHW/NuclearMedicine/...>

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NEUROENDOCRINE TUMORS Somatostatin Receptor Scintigraphy . Logo Characteristics of a good scintigraphic scan • Dose: 222 MBq (6 mCi, adults), 5 MBq/Kg (0.14 mCi/Kg, children) ... • Post surgical **follow-up** • Screen for recurrences when

(PDF) Somatostatin Receptor Scintigraphy for Bronchial ...

<https://www.researchgate.net/publication/10697812...>

Abstract **Somatostatin receptor scintigraphy (SRS)** has been used to **diagnose bronchial carcinoids** (BC) and is a valuable tool for accurate **staging of BC**. The aim of this study was to evaluate the...