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Name of Journal: *World Journal of Clinical Cases***Manuscript NO:** 56461**Manuscript Type:** ORIGINAL ARTICLE***Retrospective Study*****Somatostatin receptor scintigraphy in the follow up of neuroendocrine neoplasms of appendix**

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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.

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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 ...

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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**.

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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

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<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...