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Endocrine Radionuclide Scintigraphy with Fusion Single Photon Emission
Computed Tomography/Computed Tomography

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Rubello, Milton D. Gross

Abstract

11
AIM: To review the benefits of single photon emission computed tomography
(SPECT)/CT hybrid imaging for diagnosis of various endocrine disorders.

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The role of hybrid SPECT-CT in oncology: current and emerging clinical applicationsFU Chowdhury, AF Scarsbrook - Clinical radiology, 2008 - Elsevier

... and carcinoembryonic antigen (CEA) levels, a combination of cross-sectional imaging, radionuclide scintigraphy, and ... a) Anterior planar image from a ... patients with known malignancy demonstrating equivocal findings, requiring further evaluation with separate anatomic imaging. ...

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Functional-anatomical image fusion in neuroendocrine tumorsO Schillaci - Cancer Biotherapy and Radiopharmaceuticals, 2004 - online.liebertpub.com

... or chemotherapy, and the establishment of the correct prognosis; moreover, the possible role in dosimetric estimations for targeted radionuclide therapy and ... Medical imaging matching—a review with classification ... Combining anatomy with function: The path to true image fusion. ...

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SPECT/CT Imaging: Clinical Utility of an Emerging Technology 1B Bybel, RC Brunken, FP DiFilippo, DR Neumann... - Radiographics, 2008 - pubs.rsna.org

... source include less noise, faster acquisition, no influence on CT data by the SPECT radionuclide, and no ... (b) Fused SPECT/CT image shows probable ... tumors secrete metabolically active substances that are similar to the analogs used for imaging (metaiodobenzyl-guanidine) or ...

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SPECT/CT hybrid imaging with ^{111}In - pentetreotide in assessment of neuroendocrine tumoursY Krausz, Z Keidar, I Kogan, E Even - Sapir... - endocrinology, 2003 - Wiley Online Library

... That protocol, however, requires injection of an additional radionuclide and is cumbersome to perform ... SPECT/CT improved SRS image interpretation in 23 of the 72 study group patients ... Usadel, KH & Hor, G. (1998b) Comparison of metabolic and receptor imaging in recurrent ...

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Recent advances in radiological and radionuclide imaging and therapy of neuroendocrine tumours

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Single-photon emission computed tomography/computed tomography in endocrinology

Y Krausz, O Israel - *Seminars in nuclear medicine*, 2006 - Elsevier

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Optimized scintigraphic evaluation of infection and inflammation: role of single-photon emission computed tomography/computed tomography fusion imaging

T Bunyaviroch, A Aggarwal, ME Oates - *Seminars in nuclear medicine*, 2006 - Elsevier

... 31 Emission computed tomography, as its name implies, created scintigraphic tomographic images whereas ... Even-Sapir 2001 44, Tumor (endocrine tumors), 111 In octreotide, 99m Tc ... CT fusion has successfully resolved inconclusive findings on planar scintigraphy, 54 improved ...

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Technological development and advances in single-photon emission computed tomography/computed tomography

Y Seo, C Mari, BH Hasegawa - *Seminars in nuclear medicine*, 2008 - Elsevier

Single-photon emission computed tomography/computed tomography (SPECT/CT) has emerged during the past decade as a means of correlating anatomical information fr.

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Iodine-131 meta-iodobezylguanidine single photon ...

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作者: CNB Harisankar - 2012 - 被引用次数: 1 - 相关文章

[2] Scintigraphy using I-131 MIBG has been reported to have a sensitivity of ... In spite of the lower sensitivity, MIBG avidity allows for radionuclide therapy of this ... photon emission computerized tomography (CT) has allowed for fusion imaging. ... Iodine-131 MIBG study with single photon emission computed tomography ...

Single Photon Emission Computed Tomography (SPECT)

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