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Retrospective Study

Findings on Intraoperative Non-Contrast Computed Tomographic Imaging Following Hepatic Artery Embolization are Associated with Development of Contrast-Induced Nephropathy

Soliman MM *et al.* Intraoperative CT Findings Following Hepatic Artery Embolization are Associated with Development of CIN

Mohamed M Soliman, Debkumar Sarkar, Ilya Glezerman, Majid Maybody

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X-Ray Computed Tomography Contrast Agents

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3878741>

Mar 13, 2013 · 1.0 Introduction. X-ray **computed** tomography (CT) is a well-established tissue **imaging** technique employed in a variety of research and clinical settings. 1 Specifically, CT is a non-invasive clinical diagnostic tool that allows for 3D visual reconstruction and segmentation of tissues of interest. High resolution CT systems can be used to perform non-destructive 3D **imaging** ...

Cited by: 520**Author:** Hrvoje Lusic, Mark W. Grinstaff**Publish Year:** 2013

Hepatic artery embolization in the treatment of hepatic ...

<https://pubs.rsna.org/doi/10.1148/radiology.140.1.7244243>

Seventy-two **hepatic artery** embolizations were performed in 47 patients to treat **hepatic** neoplasms. **Hepatic artery embolization** creates tumor devascularization, but the portal flow prevents infarction of liver parenchyma because of the single vascular supply from the **hepatic artery** to a neoplasm, in contrast to the dual vascular supply to the liver parenchyma.

Cited by: 356**Author:** V P Chuang, S Wallace**Publish Year:** 1981

Computed tomography findings of mediastinitis after ...

https://www.researchgate.net/publication/337976077_Computed_tomography_findings_of...

The diagnostic **imaging findings** in **hepatic** amebiasis and the capabilities of percutaneous drainage have already been described but some debate is open on both diagnosis and treatment.

Postmortem 24-h interval computed tomography findings on ...

<https://www.sciencedirect.com/science/article/pii/S0379073811003720>

Purpose. The purpose of this study was to assess and analyze the **development** of intrahepatic gas and its distribution over time as well as radiopacity changes of the liver parenchyma after non-

Findings on intraprocedural non-contrast computed tomographic ir



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[Safe Use of Contrast Media: What the Radiologist Needs to ...](#)

<https://pubs.rsna.org/doi/full/10.1148/rg.2015150033>

Oct 14, 2015 · Half of the approximately 76 million **computed tomographic** (CT) and 34 million magnetic resonance (MR) **imaging** examinations performed each year include the use of intravenous contrast agents (1,2). Many advanced clinical **imaging** applications were developed and refined with the use of intravenous contrast agents (3).

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Author: Katrina R Beckett, Andrew K Moriarity, Je...

Publish Year: 2015

[Guideline on the use of iodinated contrast media in ...](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6949208>

Diagnostic **imaging** using iodinated contrast media is an essential procedure in the clinical setting and provides a large amount of beneficial information. However, the use of iodinated contrast media may cause **contrast-induced nephropathy** (CIN) in patients with chronic kidney disease (CKD).

Cited by: 1

Author: Yoshitaka Isaka, Hiromitsu Hayashi, Kazu...

Publish Year: 2020

[Multiple paragangliomas of head and neck associated with ...](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4583733>

A pre-contrast **computed** tomography (CT) scan of the head and neck revealed bilateral heterogeneous soft tissue masses at the bifurcation of the carotid **artery** with indistinct border, the size of which was 2.4 cm × 2.6 cm on the left and 5.4 cm × 4.3 cm on the right.

Cited by: 3

Author: Zebin Xiao, Dejun She, Dairong Cao

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<https://pubs.rsna.org/doi/full/10.1148/rg.2015150033>

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Cited by: 3 **Author:** Zebin Xiao, Dejun She, Dairong Cao**Publish Year:** 2015

[Arteriography for Lower Gastrointestinal Hemorrhage: Role ...](#)

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Jul 01, 2015 · **Computed tomographic** angiography (CTA) showing unenhanced (A), arterial (B), and venous (C) phase images of a 74-year-old woman with diverticular hemorrhage in the ascending colon and **hepatic** flexure. Arrowheads mark extravasation of contrast on the arterial phase and accumulation of endoluminal contrast on the venous phase.

Cited by: 26 **Author:** Christina L. Jacovides, Gregory Nadolski,...**Publish Year:** 2015