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Observational Study

Imaging response predictors following drug eluting beads chemoembolization in the neoadjuvant liver transplant treatment of hepatocellular carcinoma

Francisco Leonardo Galastri, Felipe Nasser, Breno Boueri Affonso, Leonardo Guedes Moreira Valle, Bruno Calazans Odísio, Joaquim Mauricio Motta-Leal Filho, Paolo Rogério Salvalaggio, Rodrigo Gobbo Garcia, Márcio Dias de Almeida, Ronaldo Hueb Baroni, Nelson Wolosker

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Oct 11, 2015 · To identify clinical and imaging features associated with complete response (CR) to first session of transarterial chemoembolization (TACE) with drug-eluting beads (DEB) in patients with hepatocellular carcinoma.

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Author: Guillaume Vesselle, Camille Quirier-Leleu...

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Abbreviations. Drug-eluting beads which can be loaded with cytotoxic drugs, have recently been developed for chemoembolization of HCC. They allow a slow release of the cytotoxic drug into the liver tumor, causing local ischemia effect while reducing systemic drug toxic effect 5. The purposes of this study were:...

Author: Yu-Shun Tong, Tung-Liang Huang, Tai-... Publish Year: 2018

Imaging Assessment of Hepatocellular Carcinoma Response ...

<https://www.ajronline.org/doi/abs/10.2214/AJR.13.10706>

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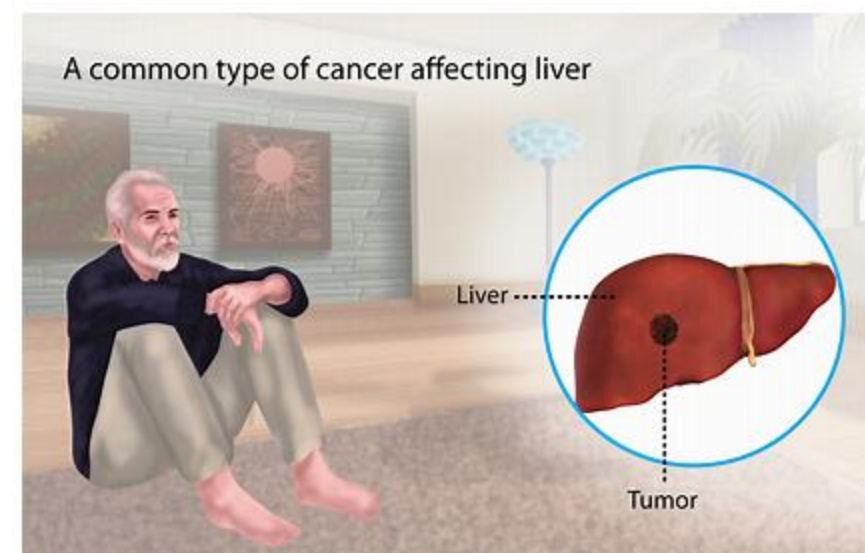
Vascular lakes after doxorubicin drug-eluting bead ...

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Doxorubicin drug-eluting bead transarterial chemoembolization (DEB-TACE) is an accepted locoregional treatment for hepatocellular carcinoma (HCC). 1 During hepatic angiograms after DEB-






Hepatocellular Carcinoma

Medical Condition



A common type of cancer affecting liver

The most common form of liver cancer often seen in people with chronic liver diseases like cirrhosis.

-  Rare (Fewer than 200,000 cases per year in US)
-  May be preventable by vaccine
-  Often requires lab test or imaging
-  Treatment from medical professional advised
-  Can last several months or years

Caused mainly due to the chronic infection of the liver or DNA mutation of the liver cells. Characterized by unexplained weight loss, upper abdominal pain and yellowing of the skin. Treatment options include hepatectomy, target drug delivery and the use of radiation to kill the cancerous cells.

Symptoms

The early stages of the disease do not present any symptoms but in the later stages the symptoms which are noted are as follows:

- Upper abdominal pain
- Weight loss



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Publish Year: 2016

Hepatocellular Carcinomas within the Milan Criteria ...

<https://link.springer.com/article/10.1007/s00270-013-0759-z> ▼

Oct 23, 2013 · Purpose. To evaluate pathologic, **imaging**, and technical **predictors** of therapy **response** in patients with **hepatocellular carcinoma** (HCC) within the Milan criteria undergoing doxorubicin **drug-eluting beads** transarterial **chemoembolization** (DEB-TACE) before orthotopic liver transplantation (OLT).

Cited by: 13 **Author:** Bruno Calazans Odisio, Francisco Galastri, ...

Publish Year: 2014

Imaging Validation of Drug-Eluting Beads Transarterial ...

<https://www.sciencedirect.com/science/article/pii/S0041134518307103>

Materials and methods. From September 2012 to June 2017, 59 patients with a total of 78 **hepatocellular carcinomas**, who received transarterial **chemoembolization with drug-eluting beads** before liver transplantation in Kaohsiung Chang Gung Memorial Hospital, were included in the study.

Author: Yu-Shun Tong, Tung-Liang Huang, Tai-Yi... **Publish Year:** 2018

Vascular lakes after doxorubicin drug-eluting bead ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6413981>

Doxorubicin **drug-eluting bead** transarterial **chemoembolization** (DEB-TACE) is an accepted locoregional **treatment** for **hepatocellular carcinoma** (HCC).¹ During hepatic angiograms after DEB-TACE at Baylor University Medical Center, we have observed pooling of contrast in the tumor bed, or vascular lakes, in 13% of cases.² We define vascular lakes as focal or multifocal irregular delineated areas of ...

Author: Justin D. Sacks, Evans Heithaus, Alexia ... **Publish Year:** 2018

Imaging Assessment of Hepatocellular Carcinoma Response to ...

<https://www.ajronline.org/doi/abs/10.2214/AJR.13.10706>

Imaging Assessment of Hepatocellular Carcinoma Response to Locoregional and Systemic Therapy ...

Vogl T, et al.; Precision V Investigators. Prospective randomized study of doxorubicin-**eluting-bead**