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Benign gallbladder diseases: Imaging techniques and tips for differentiating with malignant gallbladder diseases

Yu MH *et al.* Benign gallbladder diseases

Mi Hye Yu, Young Jun Kim, Hee Sun Park, Sung Il Jung

Abstract

Benign gallbladder diseases usually present with intraluminal lesions and localized

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Even though sonography is the prime **imaging tool** for evaluating **gallbladder diseases**, studies have shown that it fails to accurately distinguish between **benign and malignant** causes of **gallbladder wall thickening**. 4, 5 The use of other **imaging techniques** such as multidetector row computed tomography (CT) and magnetic resonance **imaging (MRI)** has ...

Cited by: 14 Author: Atul Kapoor, Aprajita Kapoor, Goldaa Mah...
Publish Year: 2011

Potential role of contrast-enhanced ultrasound for the ...

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Aug 17, 2018 · Potential role of contrast-enhanced ultrasound for the **differentiation of malignant and benign gallbladder** lesions in East Asia. A meta-analysis and systematic review ... **benign and malignant gallbladder diseases** share many same symptoms and ... the accuracy is barely satisfactory without appropriate **imaging techniques**. During clinical ...

Cited by: 1 Author: Yuan Cheng, Manni Wang, Buyun Ma, Xu...
Publish Year: 2018

Gallbladder adenomyomatosis: imaging findings, tricks and ...

<https://link.springer.com/article/10.1007/s13244-017-0544-7>

Jan 26, 2017 · 1. **Gallbladder adenomyomatosis** is a common **benign lesion** (1–9% of the patients). 2. **Identification of Rokitansky–Aschoff sinuses** is crucial for **diagnosing gallbladder adenomyomatosis**. 3. **Sonography** is the **imaging modality** of choice for **diagnosing gallbladder adenomyomatosis**. 4.

Cited by: 16 Author: Matteo Bonatti, Norberto Vezzali, Fabio L...
Publish Year: 2017 Author: **Matteo Bonatti**

MR Imaging of the Gallbladder: A Pictorial Essay ...

<https://pubs.rsna.org/doi/abs/10.1148/rg.281065183>



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Gallbladder Disease | Johns Hopkins Medicine

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Gallbladder disease includes inflammation, infection, stones or blockage of the **gallbladder**. The **gallbladder** is a sac located under the **liver**. It stores and concentrates bile produced in the **liver**. Bile aids in the digestion of fat and is released from the **gallbladder** into the upper small intestine in response to food (especially fats).

[Gallstone Disease Treatment](#) · [Gallbladder Scan](#)

Imaging benign and malignant disease of the gallbladder ...

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This article reviews the **imaging** of various **benign** and **malignant** diseases of the **gallbladder**. Clinical findings and **imaging** features using ultrasound, CT, and MR for the detection and evaluation ...

Differentiating Malignant From Benign Thickening of the ...

<https://onlinelibrary.wiley.com/doi/full/10.7863/jum.2011.30.11.1499>

Elastography is an accurate technique for differentiating between **benign** and **malignant** **gallbladder wall thickening** and can be combined with **sonography** as the **prime imaging tool** for **diagnosing** **gallbladder carcinoma** at an early stage.

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Author: Atul Kapoor, Aprajita Kapoor, Goldaa Mah...

Publish Year: 2011

Differential diagnosis between benign and malignant ...

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Differentiation between **benign** and **malignant** **gallbladder tumors** cannot be made by **hyperenhancement** during the **arterial phase** as **gallbladder cancers** (85 %) and **benign** **gallbladder diseases** (70 % ...

Diffusion-weighted MRI for differentiation of benign from ...

<https://www.sciencedirect.com/science/article/pii/S0009926013004856>

Several previous studies have reported **dynamic MRI** to be useful for **differentiating** **benign** from **malignant** **gallbladder lesions**.^{4, 5} A **benign polypoid mass** shows early enhancement with subsequent washout, whereas a **malignant mass** usually shows early and prolonged enhancement.⁴ In **differentiating** **diffuse** **gallbladder wall thickening**, **benign thickening** demonstrates smoothly

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[Diffusion-weighted MRI for differentiation of benign from ...](#)

<https://www.sciencedirect.com/science/article/pii/S0009926013004856>

To investigate the value of diffusion-weighted **imaging** (DWI) **for differentiating benign** from **malignant gallbladder** lesions. **Materials and methods** One hundred and twenty-six patients who had undergone magnetic resonance **imaging** (MRI) with DWI, in whom the histopathological diagnosis of their **gallbladder** lesions was confirmed by biopsy or surgery ...

Cited by: 20

Author: N.K. Lee, S. Kim, T.U. Kim, D.U. Kim, H.I....

Publish Year: 2014

[Analysis of Enhancement Pattern of Flat Gallbladder Wall ...](#)

<https://www.ajronline.org/doi/10.2214/AJR.07.3331>

Researchers have vigorously attempted to **differentiate malignant** from **benign diffuse gallbladder wall thickening** using various **imaging techniques** including **sonography**, **CT**, and **MRI**.

Cited by: 90

Author: Soo Jin Kim, Jeong Min Lee, Jae Young ...

Publish Year: 2008

[Photoacoustic Imaging for Differential Diagnosis of Benign](#)