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Retrospective Study

Role of abdominal ultrasound for the surveillance follow-up of pancreatic cystic neoplasms: A cost-effective safe alternative to the routine use of magnetic resonance imaging

Morelli L *et al.* Ultrasounds in pancreatic cystic neoplasms follow-up

Luca Morelli, Simone Guadagni, Valerio Borrelli, Roberta Pisano, Gregorio Di Franco, Matteo Palmeri, Niccolò Furbetta, Dario Gambaccini, Santino Marchi, Piero Boraschi, Luca Bastiani, Alessandro Campatelli, Franco Mosca, Giulio Di Candio

Abstract

BACKGROUND

Patients with pancreatic cystic neoplasms (PCN) without surgical indication at the time of diagnosis according to current guidelines, require lifetime image-based surveillance follow-up. In these patients, the current European evidenced-based guidelines advise magnetic resonance imaging (MRI) scan every 6 mo in the first year, then annually for the next five years; without reference to any role for trans-abdominal ultrasound (US). In this study, we report on our clinical experience of a follow-up strategy image-based surveillance with US, and restricted use of MRI every two years and for urgent evaluation whenever suspicious

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Pancreatic cysts are often detected on **abdominal** imaging performed for ... When only intraductal papillary mucinous **neoplasms** (IPMNs) are included, a review of ... **cost effectiveness** analyses about surveillance of incidental **pancreatic cysts**. (22) This was **similar** to the accuracy of **MRI** and CT scan and, given its more ...

European evidence-based guidelines on pancreatic cystic neoplasms

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5890653/> - [翻译此页](#)2018 - 被引用次数: 33 - [相关文章](#)

2018年3月24日 - **Pancreatic cystic neoplasms** (PCN) are estimated to be present in **Pancreatic MRI** is the preferred method for **follow-up** of PCN EUS, endoscopic **ultrasound**; IPMN, intraductal papillary mucinous neoplasm. What is a **cost-effective** and personalised approach to surveillance of (undefined) PCN?

Diagnosis and management of cystic lesions of the pancreas

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4502158/> ▾ [翻译此页](#)作者: WR Brugge - 2015 - 被引用次数: 57 - [相关文章](#)

Pancreatic cystic lesions (PCLs) are being increasingly identified in recent years. **Trans-abdominal ultrasonography** (US) is usually the method of choice for the ... between pseudocysts and **pancreatic** mucinous cysts without the **use** of cyst fluid **follow-up** which increase the cumulative risk of malignancy and **cost** of ...

Cystic neoplasms and IPMN - Cancer Therapy Advisor

<https://www.cancertherapyadvisor.com/.../cystic-neoplasms-and.../596922/> ▾ [翻译此页](#)Differentiating benign from malignant **pancreatic cystic lesions** remains a challenging task.

Classifying these lesions is of paramount **importance** and ultimately ... or an incidental **pancreatic** lesion found on CT scan, **MRI** or **abdominal ultrasound**. ... malignant from benign IPMN but is a key component and a **safe** and **effective** ...

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A review of **abdominal magnetic resonance imaging** (MRIs) performed for ... When only intraductal papillary mucinous **neoplasms** (IPMNs) are included, a review of 99 ... **cost effectiveness** analyses about **surveillance** of incidental **pancreatic cysts**. Patients should be **followed on** a yearly basis for at least 5 years following ...

Diagnosis and management of cystic lesions of the pancreas

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作者: WR Brugge - 2015 - 被引用次数: 61 - 相关文章

Pancreatic cystic lesions (PCLs) are being increasingly identified in recent years. ... **ultrasonography** (US), computed **tomography** (CT) and **magnetic resonance** between pseudocysts and **pancreatic mucinous cysts** without the **use** of cyst fluid **follow-up** which increase the cumulative risk of malignancy and **cost** of ...

Prevalence, Diagnosis and Management of Pancreatic Cystic ...

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作者: JJ Farrell - 2015 - 被引用次数: 66 - 相关文章

2015年9月15日 - Keywords: Intraductal papillary mucinous neoplasm, **Pancreatic** cyst, Endoscopic ... However with the increased **use** of high resolution **abdominal** imaging, other **pancreatic cystic neoplasms on** preoperative CT or **MRI imaging**. The remainder can be managed nonoperatively with **routine surveillance**.

Cystic neoplasms and IPMN - Cancer Therapy Advisor

<https://www.cancertherapyadvisor.com/.../cystic-neoplasms-and.../596922/> [▼ 翻译此页](#)

Differentiating benign from malignant **pancreatic cystic lesions** remains a ... or an incidental **pancreatic** lesion found **on** CT scan, **MRI** or **abdominal ultrasound**. ... malignant from benign IPMN but is a key component and a **safe** and **effective** way to and lymphadenopathy **on imaging** should be considered for **surveillance**.

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Diagnosis and management of cystic lesions of the pancreas

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作者: WR Brugge - 2015 - 被引用次数: 61 - 相关文章

Pancreatic cystic lesions (PCLs) are being increasingly identified in recent years. ... **ultrasonography** (US), computed **tomography** (CT) and **magnetic resonance** ... between pseudocysts and **pancreatic mucinous cysts** without the **use** of cyst fluid **follow-up** which increase the cumulative risk of malignancy and **cost** of ...

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European evidence-based guidelines on pancreatic cystic neoplasms ...

<https://gut.bmj.com/content/early/2018/03/28/gutjnl-2018-316027>

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2018年3月28日 - **Pancreatic MRI** is the preferred method for **follow-up** of PCN ... **use** of one cross-sectional **imaging** modality (CT/MRI) instead of EUS, endoscopic **ultrasound**; IPMN, intraductal papillary mucinous **neoplasm**. What is a **cost-effective** and personalised approach to **surveillance** of (undefined) PCN?

Endoscopic Ultrasound for the Evaluation of Cystic Lesions of the ...

[pancreas.imedpub.com/endoscopic-ultrasound-for-the-evaluation-of-cystic-l...](https://www.imedpub.com/endoscopic-ultrasound-for-the-evaluation-of-cystic-l...) ▼ 翻译此页

Based on surgical pathology, **cystic pancreatic lesions** are classified by the type ... Studies describing the **role** of non-invasive **imaging** like CT and **MRI** in the ... Numerous studies have prospectively evaluated the **safety** of EUS-FNA and its The high cost of this analysis should also be further evaluated within **cost-benefit** ...