

**Name of Journal:** *World Journal of Gastroenterology*

**Manuscript NO:** 52984

**Manuscript Type:** ORIGINAL ARTICLE

*Retrospective Cohort Study*

**Multiphase CT radiomics of pancreatic intraductal papillary mucinous neoplasms to predict malignancy**

Stuart L Polk, Jung W Choi, Melissa J McGettigan, Trevor Rose, Abraham Ahmed, Jongphil Kim, Kun Jiang, Yoganand Balagurunathan, Jin Qi, Paola T Farah, Alisha Rathi, Jennifer B Permuth, Daniel Jeong

### Match Overview

1	<b>Crossref</b> 119 words "Scientific Paper Abstracts Presented at the Society of Abdominal Radiology 2018 Annual Scientific Meeting and Educational..."	3%
2	<b>Internet</b> 23 words crawled on 16-Apr-2020 <a href="http://www.oncotarget.com">www.oncotarget.com</a>	1%



国内版

国际版

Chat with Bing

Multiphase CT Radiomics of Pancreatic Intraductal I



Sign in



ALL

IMAGES

VIDEOS

5,610 Results

Any time ▾

## CT radiomics to predict high-risk intraductal papillary ...

<https://aapm.onlinelibrary.wiley.com/doi/full/10.1002/mp.13159>

CT radiomics to predict high-risk intraductal papillary mucinous neoplasms of the pancreas

Jayasree Chakraborty Department of Surgery, Memorial Sloan Kettering Cancer Center, New ...

Cited by: 11

Author: Jayasree Chakraborty, Abhishek Midya, ...

Publish Year: 2018

## CT Radiomics to Predict High Risk Intraductal Papillary ...

<https://www.researchgate.net/publication/327408374...>

Intraductal papillary mucinous neoplasms (IPMNs) represent approximately 25% of all 7 cystic neoplasms 3 and are the only radiographically identifiable precursor of pancreatic cancer.

## Intraductal Papillary Mucinous Neoplasms of the Pancreas ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5808987>

Nikiforova et al tested pancreatic cystic fluid obtained at the time of EUS for KRAS mutations, and noted that KRAS mutations had a specificity of 100% but a sensitivity of 54% for mucinous differentiation (67% for IPMNs and 14% for mucinous cystic neoplasms).

Cited by: 4

Author: Annabelle L. Fonseca, Kimberly Kirkwoo...

## Intraductal papillary mucinous neoplasm

Intraductal papillary mucinous neoplasm is a type of tumor that can occur within the cells of the pancreatic duct. IPMN tumors produce mucus, and this mucus can form pancreatic cysts. Although intraductal papillary mucinous neoplasms are benign tumors, they can progress to pancreatic cancer. As such IPMN is viewed as a precancerous condition. Once an intraductal papillary mucinous neoplasm has been found, the management options include close monitoring and pre-emptive surgery.



Wikipedia

## People also search for

[Pancreatic mucinous cystic neoplasm](#)





5,270 Results

Any time ▾

### [Intraductal papillary mucinous neoplasm of the pancreas ...](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2858722>

Apr 07, 2010 · In the period 1992 to 2007, 276 patients affected by **pancreas neoplasm** have been submitted to surgical exploration, and 186 have been resected, 13 of them with a definitive **pathological diagnosis of intraductal papillary mucinous tumor**; starting from 2004, on the basis of the literature indications, the cases of IPMN of the secondary ducts of small size have been maintained in follow-up ...

Cited by: 29

Author: Gian Luca Baiocchi, Nazario Portolani, G...

Publish Year: 2010

### [CT Radiomics to Predict High Risk Intraductal Papillary ...](#)

<https://www.researchgate.net/publication/327408374...>

Intraductal papillary mucinous neoplasms (IPMNs) represent approximately 25% of all **7 cystic neoplasms** **3** and are the only radiographically identifiable precursor of **pancreatic can- 8 cer**.

### [What Is the Best Way to Identify Malignant Transformation ...](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4816095>

Dec 10, 2015 · Takeshita K, Kutomi K, Takada K et al. Differential diagnosis of benign or **malignant intraductal papillary mucinous neoplasm** of the **pancreas** by **multidetector row helical computed tomography**: evaluation of predictive factors by logistic regression analysis.

Cited by: 18

Author: Asma Sultana, Richard Jackson, Gilbert T...

Publish Year: 2015

### [A Contrast-Enhanced Computed Tomography Based Radiomics ...](#)

<https://www.frontiersin.org/articles/10.3389/fonc.2020.00248>

**Pancreatic cystic neoplasm (PCN)** has been estimated to be present in 2–45% of the general population ( 1, 2 ). As **computed tomography (CT)** and **magnetic resonance imaging (MRI)** become widely used in clinical work, the incidence of PCN has increased to 3–13% for individuals undergoing cross-sectional imaging ( 3 – 5 ).

Author: Xiaoyong Shen, Fan Yang, Pengfei Ya...

Publish Year: 2020