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#### Liquid Biopsy Approach to Pancreatic Cancer





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Liquid biopsies in the diagnosis of pancreatic cancer. Liquid biopsy refers to the **use of bodily fluids as potential sources of tumor-derived material** and although used colloquially in reference to peripheral blood sampling, can be assessed from other samples such as urine, stool, saliva, ascites, or portal venous blood.

Liquid biopsies in pancreatic cancer: targeting the portal ...

journals.lww.com/jpancreatology/Fulltext/2019/09000/Liquid\_biopsies\_in\_pancr...

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### Liquid biopsies in pancreatic cancer

https://pubmed.ncbi.nlm.nih.gov/31533487

Expert opinion:In pancreatic cancer where tissue samples are limited and repeated tissue **biopsies** are mostly invasive and infeasible, liquid biopsies opened a new window for **tumor diagnosis**, **molecular stratification**, **and treatment monitoring**. While none of the isolation and analysis methods have gained widespread clinical acceptance, it is imperative that the advantages and limitations of each platform ...

Cited by: 4 Author: Nabiollah Kamyabi, Vincent Bernard, Anir...

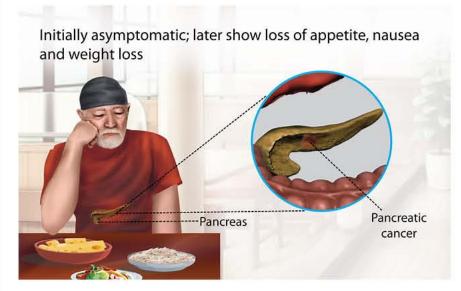
Publish Year: 2019

#### Liquid Biopsy Approach for Pancreatic Ductal Adenocarcinoma https://pubmed.ncbi.nlm.nih.gov/31248203

Performances for the **diagnosis** of pancreatic cancer vary depending of the technique but also the stage of the disease: 30-50% of resectable tumours are positive and 50-100% are positive in locally advanced and/or metastatic cases. A significant prognostic value is demonstrated in 50-70% of clinical studies,

#### Pancreatic Cancer

Medical Condition



Cancer of pancreas, an organ which is behind the lower part of the stomach. This causes abdominal pain, jaundice, itchy skin, fatigue and weight loss.

Rare (Fewer than 200,000 cases per year in US)

Often requires lab test or imaging

Treatable by a medical professional

Can last several months or years

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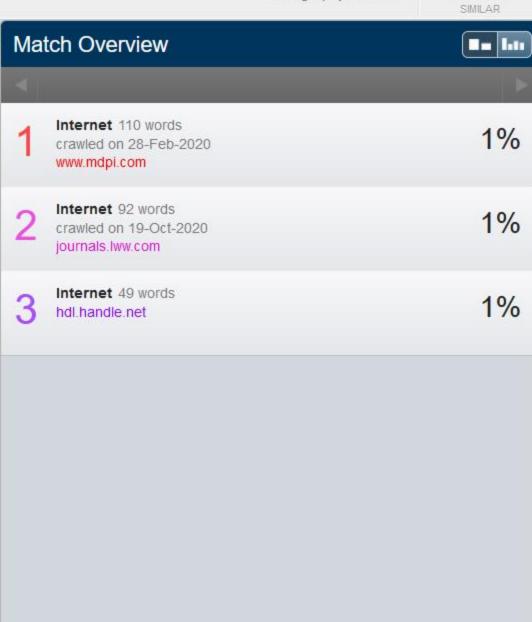
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# Liquid biopsy approach to pancreatic cancer

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## Abstract

Pancreatic cancer (PC) continues to pose a major clinical challenge. There has been little improvement in patient survival over the past few decades, and it is projected to





Liquid biopsy approach to pancreatic cancer







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