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Name of Journal: *World Journal of Gastroenterology*

Manuscript NO: 63455

Manuscript Type: REVIEW

Diabetes and pancreatic cancer: Exploring the two-way traffic

Roy A⁵ *et al.* Diabetes and pancreatic cancer

² Ayan Roy, Jayaprakash Sahoo, Sadishkumar Kamalanathan, Dukhabandhu Naik, Pazhanivel Mohan, Raja Kalayarasan

Abstract

⁵ Pancreatic cancer (PC) is often associated with a poor prognosis. Long-standing ⁴³ diabetes mellitus is considered as an important risk factor for its development. This risk can be modified by the use of certain antidiabetic medications. On the other hand, new-onset diabetes can signal towards an underlying PC in the elderly population. Recently, several attempts have been made to develop an effective clinical tool for PC screening

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Diabetic oncopathy - One more yet another deadly diabetic ...

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Diabetes and **cancer**. The relationship between **diabetes** and **cancer** has become a topical issue now. It was as early as in the year 1910, Maynard 2 reported the following: ‘**Cancer** and **Diabetes** - both diseases have very much the same age distribution. They stand almost alone as being on the increase, while other causes of death show declining rates.

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Abstract	Methods	Results	Discussion	Funding	Notes
Pancreatic cancer is one of the most fatal cancers, with an overall five-year survival rate of only 8% (1). The reason for this dismal prognosis is that the vast majority of pancreatic cancer patients (80%) are diagnosed at a late stage. Identification of high-risk individuals and ability to detect pancreatic cancer earlier might help improve patient outcomes (2). Diabetes mellitus has been consistently associated with pancreatic cancer in previous epidemiological studies, with a twofold higher risk of developing pancrea...					
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Apr 26, 2021 · Previous article One group is **exploring** the possible link between **pancreatic cancer** and **diabetes** Next article Sunday's Coronavirus Updates: 4,671 new cases and 36 new deaths reported **WINK News**

Pancreatic Cancer - jax.org

<https://www.jax.org/explore-by-topic/cancer-tumors/pancreatic-cancer>

Pancreatic Cancer. In the United States, **pancreatic cancer** is the fourth most common cause of deaths due to **cancer**.

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

The exact cause of pancreatic cancer is unknown. Risk factors include diabetes, chronic pancreatitis and stomach ulcer. In the early stage, it is asymptomatic. Common symptoms at later stages are weight loss and abdominal pain. Treatment depends on the location of tumor, age and general health. Treatment includes surgery, chemotherapy and radiation.

Symptoms

Early stage of pancreatic cancer may be asymptomatic. Symptoms will show up only when the disease progresses and include:

- Digestive problems, including abnormal stools, nausea or vomiting
- Pain in the upper abdomen and back
- Loss of appetite
- Sudden weight Loss
- Jaundice (yellowing of the skin and whites of the eyes)
- Very high sugar levels in diabetic patients

Treatments

Treatment depends on the location of tumor, age and general health. Treatment includes surgery, chemotherapy and radiation.

Medication

- Chemotherapy: Drugs, either taken orally or through injection, kills the cancer cells. In advanced stages, it only helps control growth of cancer cells.
5-Fluorouracil · Capecitabine · Irinotecan · Oxaliplatin

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Reporter: Veronica Marshall **Writer:** Jackie Winchester

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