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**Liquid biopsy in ovarian cancer: Catching the silent killer before it strikes**

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### Abstract

Epithelial ovarian cancer (EOC) is the most lethal gynaecological malignancy in the western world. The majority of women presenting with the disease are asymptomatic and it has been dubbed the “silent killer”. To date there is no effective minimally invasive method of stratifying those with the disease or screening for the disease in the general population. Recent molecular and pathological discoveries, along with the advancement of scientific technology, means there is a real possibility of having disease-specific liquid biopsies available within the clinical environment in the near future. In this review we discuss these discoveries, particularly in relation to the most common

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The report highlights the potential of this **liquid biopsy technique**, as there is no screening test for either **ovarian** or **endometrial cancer**. "Early detection can save lives from **cancers** typically known as **silent killers** because **symptom onset** is often too late for effective treatment," Martignetti says.

## The Silent Killer | Alternet

[https://www.alternet.org/story/14916/the\\_silent\\_killer](https://www.alternet.org/story/14916/the_silent_killer) ▾

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Aug 26, 2013 · Blood test combined with ultrasound exam may help doctors catch the '**silent killer**' early

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## Pancreatic Cancer: The Silent Killer | MUSC Health ...

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< **What Is Pancreatic Cancer?** Why Is Pancreatic Cancer A Con... Risk Facto >

The pancreas is a **relatively small**, but very **important organ in the abdomen**. It is only about 6 inches long and about 3 inches wide and relatively flat. It looks a bit like an island that has a narrow head and wide base. The organ lies behind the stomach and in front of the spine and has two major functions, both essential to health. The first is the exocrine cells, which excrete fluids that are essential for digestion in the small intestine. The endocrine cells of the pancreas make hormones,...

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## What Are the Stages of Ovarian Cancer?

<https://www.webmd.com/ovarian-cancer/guide/stages-ovarian-cancer> ▾

Mar 08, 2017 · · Stage IC2: **Cancer** on the outer surface of one of your ovaries or a fluid-filled tumor has burst and **cancer cells** have spilled into your belly **before surgery**.

## Blood test could detect ovarian cancer two years before ...

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Queen's University Belfast scientists, analysing the blood of 49 women a year before their diagnosis, were



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## Doctors studying new approach to help prevent ovarian cancer

<https://abc7.com/ovarian-cancer-treatment-prevention-wisp/2914666> ▾

**Ovarian cancer** is often called the "**silent killer**" because symptoms can be so subtle, women may not know they have it until the **cancer** is in a late, hard-to-treat stage.

## Screening for 'silent killer' ovarian cancer is NOT ...

[https://www.dailymail.co.uk/health/article-5386727/...](https://www.dailymail.co.uk/health/article-5386727/) ▾

Feb 13, 2018 · Screening for '**silent killer**' **ovarian cancer** is NOT recommended unless you have symptoms, task force declares. The notoriously hard-to-spot disease kills 14,000 a ...

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