

CO Bav LV1 séries Générales

source: <https://www.youtube.com/watch?v=-pRmwRvR7II>

A Surprising discovery

Transcript

In a surprising study out today, researchers say they have detected cancer with a blood test. Dr John Lopoo says the discovery was an accident.

Anesthesiologist Dr Lee Yunis was 40 years old when she got pregnant with her second child. She had a blood test to check the foetus with genetic defects – like Down syndrome. But what surprised Lee and her doctors was that the test suggested a major illness, not in her unborn child, but in her.

There was evidence of cancer. There was a large tumour in her colon. She was 15 weeks pregnant when the cancer was surgically removed with no signs of spread.

The test analyses foetal DNA fragments circulating in the mother’s blood. But it also picks up the mother’s DNA.

Today’s study found 10 cases of cancer in the mother out of the hundred and twenty-five thousand foetal tests.

Seven month-old baby Ben is now healthy and happy. So is his mother.

“So getting pregnant a second time delivered a new life into the world but it may also have saved your life.”

“It probably saved my life”.

Scott, this is the kind of accidental discovery that can lead to a major advance. Right now, this type of genetic testing is not ready for widespread cancer screening. But if technology improves this approach may well become a way of screening for many types of cancer with a simple blood test.

John thanks very much.

Barème:

2/20	6/20	10/20	16/20	20/20
Des mots isolés, aucun lien entre les éléments	Femme qui a un cancer a été sauvée elle a un bébé ADN ou sang ou test	Découverte cancer chez femme enceinte grâce à une prise de sang ça lui a sauvé la vie Mère et bébé sont tous deux en bonne santé 1 donnée chiffrée (40 ans ou une statistique)	Tous les éléments précédents + tumeur au colon + “accident” = en faisant un test pour détecter une maladie chez le bébé +à 15 mois de grossesse + c’est son 2è enfant +ADN des deux sont analysés +étude: 10 cas de cancers sur 125,000 + aucun signe de propagation	Tous les éléments précédents + 3 données chiffrées +métier anesthésiste + trisomie 21 +portée de la découverte