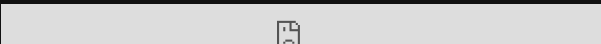
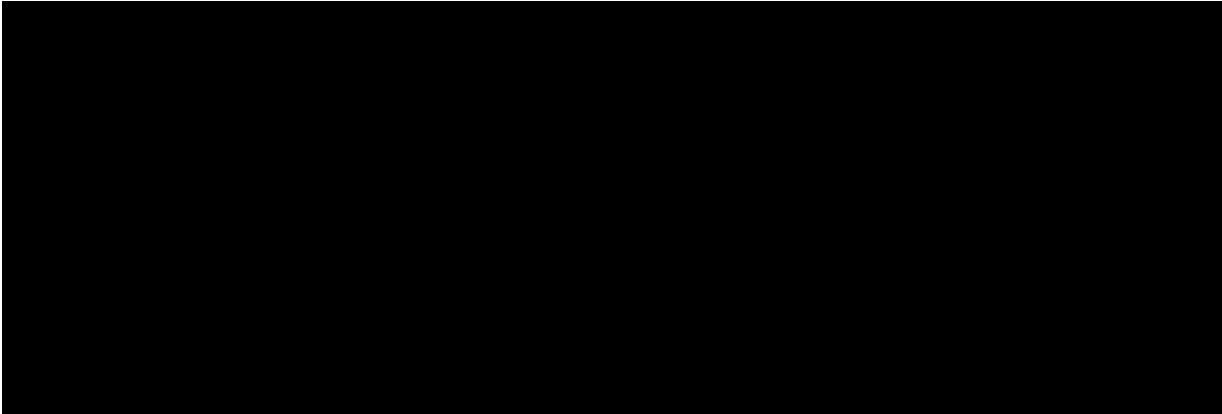


RIDING IN A JET GIVES YOU MORE CANCER AND MORE EXPLODING LITHIUM ION BATTERIES



**Flight att  
risk of all  
study**



## POPULAR VIDEOS



Flight att  
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study

range of **cancers** compared to the general population, a major study of cabin crew has found.

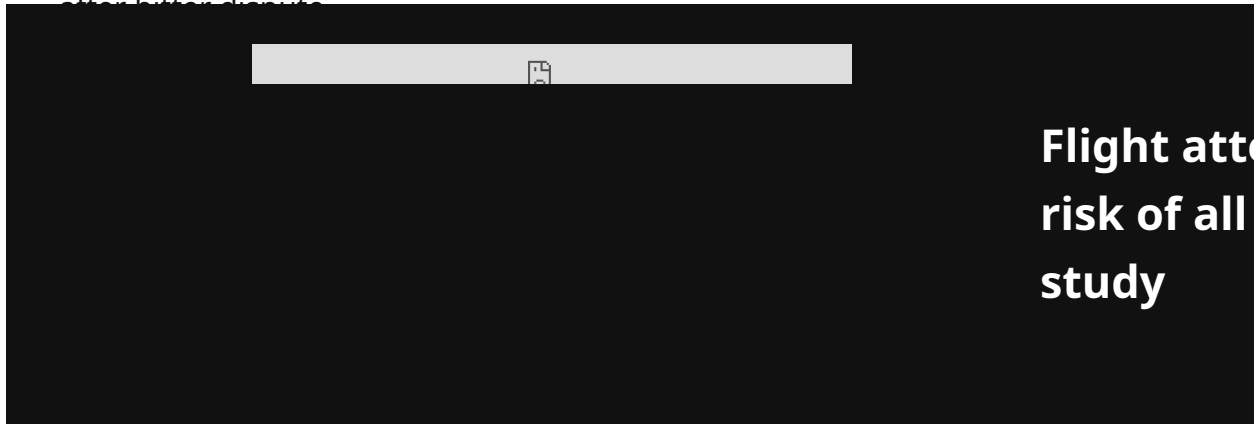
Researchers followed more than 5,000 crew and found that their risk of **breast cancer** increased more than 50 per cent, while risks of stomach cancers are raised by as much as 74 per cent.

The study cannot prove what causes this increase, but the authors said increased exposure to ionising radiation from time spent in the thinner upper atmosphere as well as disrupted sleep and meal cycles could be factors.

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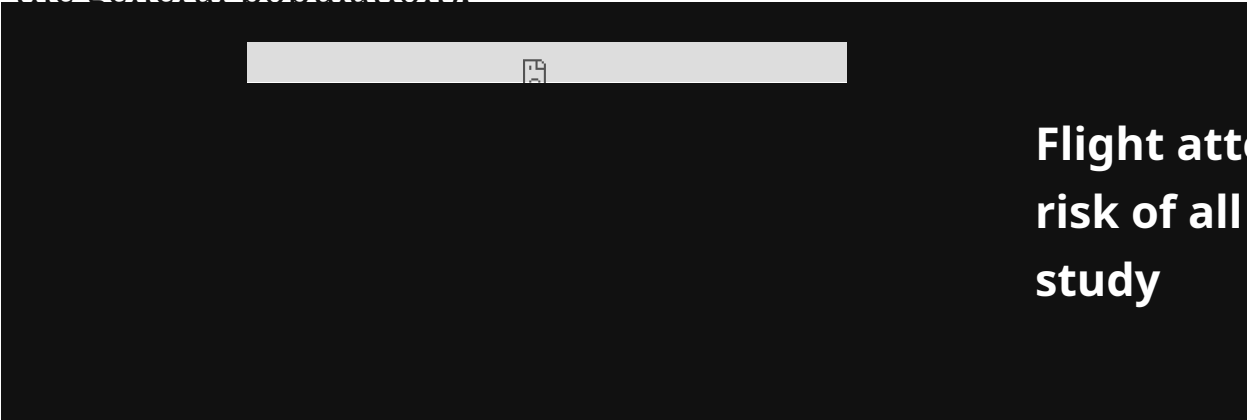
rate of every cancer outcome it looked at when age was standardised.

“We report a higher lifetime prevalence of breast, melanoma and non-melanoma skin cancers among flight crew relative to the general population,” said Dr Irina Mordukhovich of the Harvard TH Chan School of Public Health.

“This is striking given the low rates of overweight and smoking in this occupational group.”

The increased cancer risk was seen in breast (3.4 per cent of flight crew

compared to 2.3 per cent in the general population).



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They also found that risk of non-melanoma skin cancers rose with every five years spent in the job.

Flight attendants are exposed to multiple known and probable **carcinogens** in the cabin environment. These include altitude-based

radiation, disruption to the  
body clock through

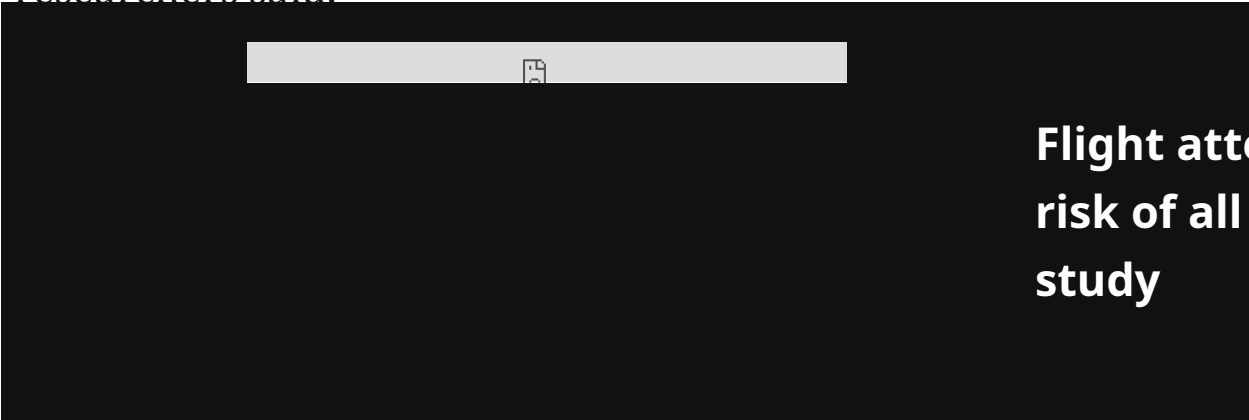
**Flight attendants  
at risk of all  
study**

Radiation exposure of any  
job, including those in **the  
nuclear industry**, but this  
exposure is not required to  
be routinely monitored as  
in other sectors.

Many flight attendants were  
also exposed to high levels  
of secondhand tobacco  
smoke before in-flight  
smoking bans were  
implemented.

Job tenure did not appear to  
be associated with breast  
cancer, thyroid cancer or  
melanoma in all women,  
but it was associated with  
higher risk of breast cancer  
in women who never had  
children and women who

had three or more children, researchers said.



role.

The study of 5,366 attendants working on domestic and international flights in the US did not examine the health impact of frequent flying among airline passengers.

Authors said the findings suggested additional efforts should be made to minimise the risk of cancer among flight attendants, including monitoring radiation dose and organising schedules.

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