**BBC Radio 5 Live**

02/28/2017 06:16:41 AM

* [BBC Radio 5 Live](https://scout.tveyes.com/) /

* [U.K. National Radio](https://scout.tveyes.com/)

researchers say regular blood tests could significantly improve the detection of tumours in women who are at high risk of getting ovarian cancer more than 4000 women die every year from the disease in the UK and is currently no screening programme for ovarian cancer now if ovarian cancer runs in the family women are currently advised to have her ovaries and fallopian tubes removed in their mid thirties Adam rosen tar is a consultant gynaecologist and lead author of the study from University College London good morning and tell us about the new screening process wise it's so much more effective think the key is probably a tooth twofold one is that the women being screened every frequently 3 times you with a blood test the other issue is that we've got a statistical way of analysing the changes in the level of the blood test so you can decide who's got rising levels accurately and work out who's more likely to currently have cancer which is much better and just using a simple cut off for a blood test none of these women who are already at high risk of cancer him it runs in the family correct Yes they they are estimated to have at least one in 10 lifetime risk of developing the disease but some of them such as those with a black one gene mutation the type of Angelina Jolie have has have up to one in two lifetime risk of developing ovarian cancer so is the idea that this kind of screening might prevent women having these 9 need of major surgical interventions such as the removal of ovaries and fallopian tubes but it's not always entirely necessary think the high risk women the surgery is is necessary the difficult thing for me is as they need to have it done before they reached a natural menopause so that means they have to lose hormone function and least fertility a thing of the test might enable him to do is feel that while act making a very tough decision about when the right time for them to have the search area release know that someone is keeping an eye on them and hopefully able to pick up the tumour at the earliest stage Unfortunately that does not necessarily mean they'll be cured of cancer but it's certainly better than doing nothing which is the current situation like it no women more chance of having a family and possibly Yeah Yeah as expensive as a kind of thing could be introduced universal the world but has said that the biological relatively cheap as always so be it a lot of infrastructure to set up around this and David also presumably depend on the economies of scale and how many women were being screened at once that but I should think it's the type of tested could and could in theory be affordable to the NHS thank you very much a time Adam rosen tile thank you from University College London