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*On behalf of the PROTECTOR team*



**BACKGROUND**

**METRO** NEWS SPORT ALL

## You're more likely to get cancer than get married

 Charles White for Metro.co.uk  
Monday 10 Jul 2017 12:07 pm

f t w SMS 25





**ONS/NRS/HESA statistics:**

**2014 (UK): 361,216 new cancers vs 289,841 marriages (ONS/NRS)**

**Just as likely to graduate from university as you are to get cancer (HESA)**



## Ovarian Cancer Incident Cases

Europe

UK



14% ↑

27% ↑

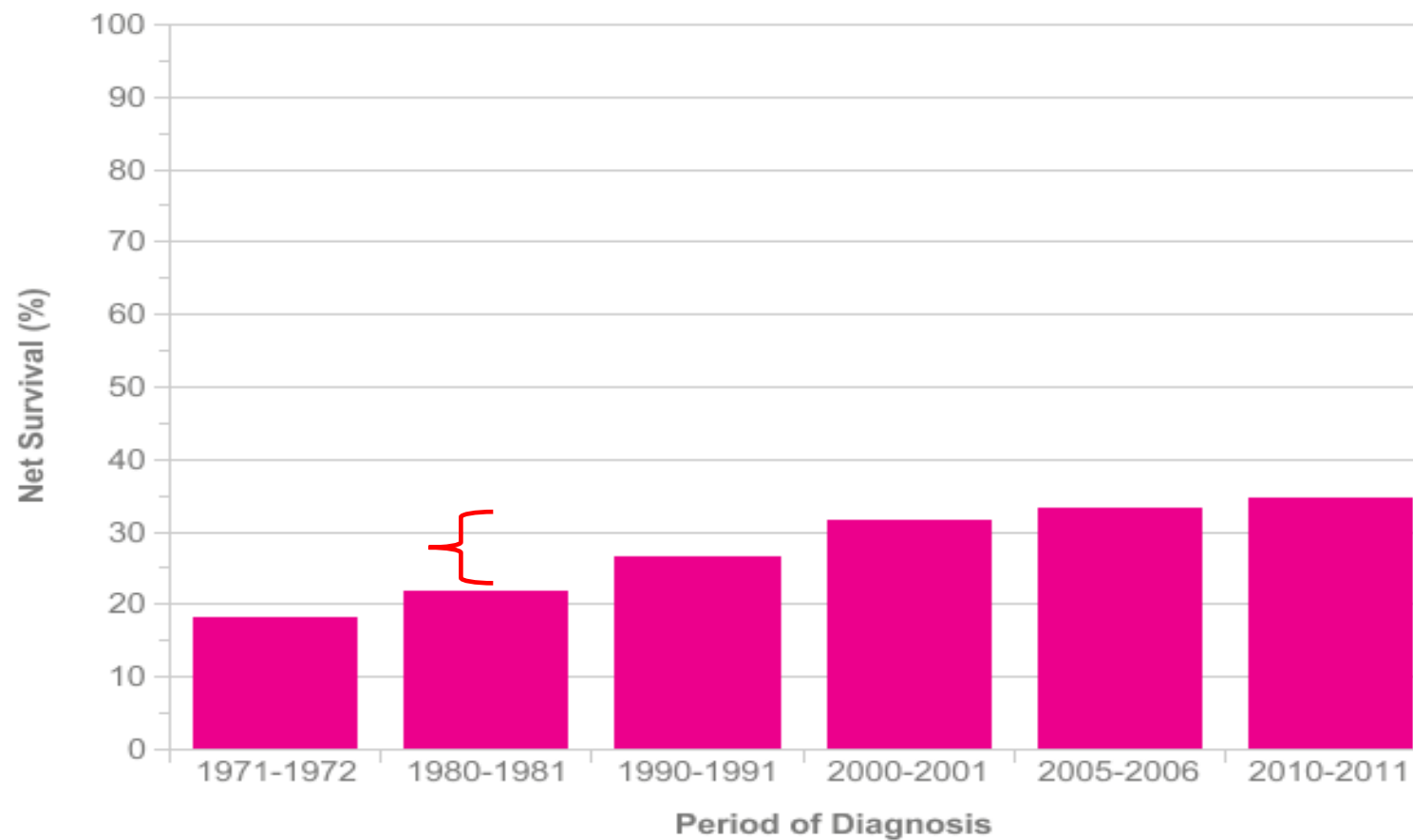
## Ovarian Cancer Deaths

22% ↑

36% ↑



## Ovarian Cancer (C56 C57.0-C57.7): 1971-2011

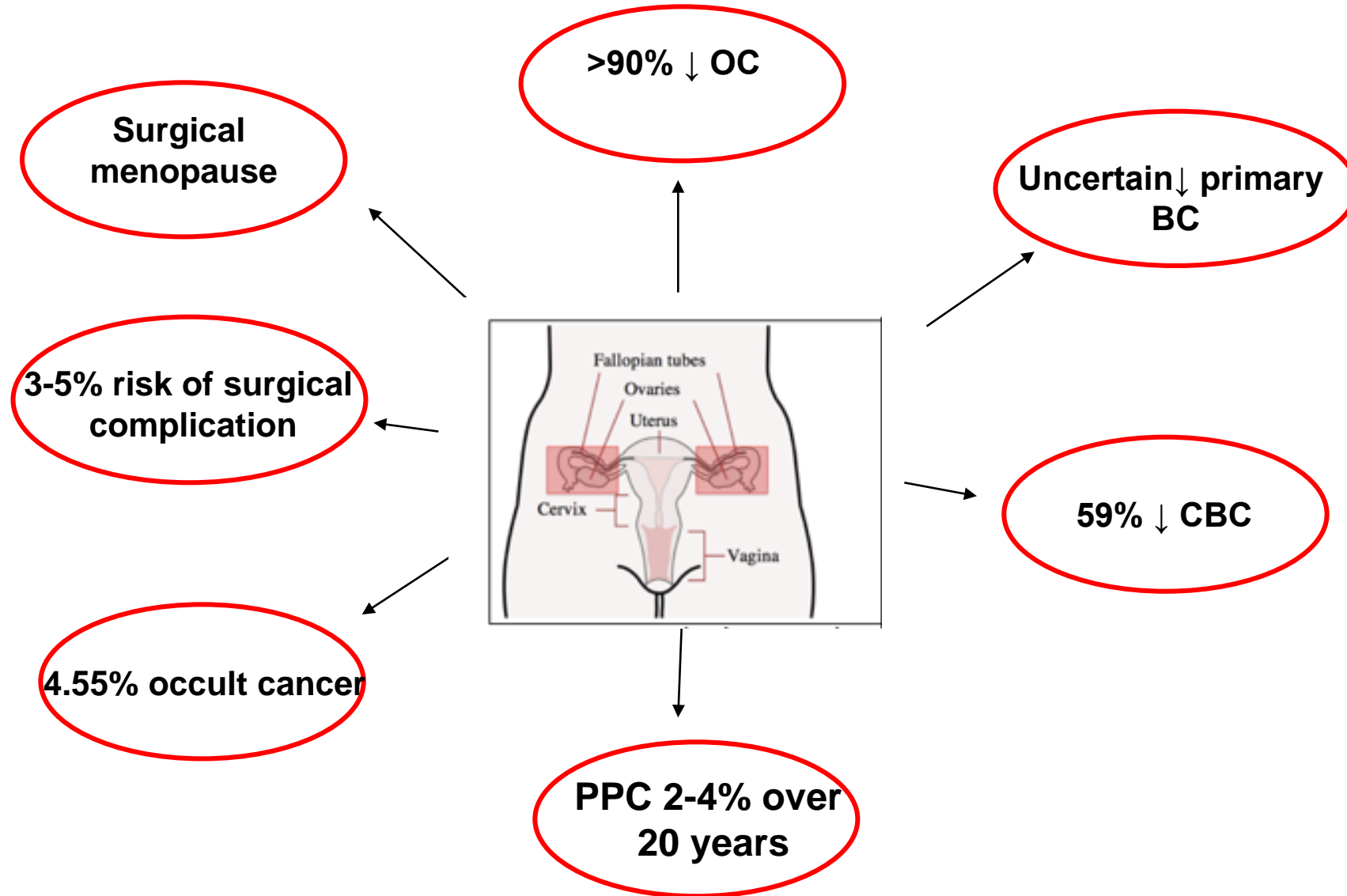


Age-Standardised Ten-Year Net Survival, England and Wales

**The approach over the last 30 years has resulted in only small improvements in impact on burden of disease!**

**Investing in prevention:**  
the need to make the case now









## BENEFITS

**Allows women who wish to delay surgical prevention to have some OC risk reduction**

**Retain natural hormones for longer**

**Avoid 'detrimental' consequences of early menopause**

## **LIMITATIONS**

**Removing the tube will not prevent all OC**

**Precise level of benefit not well quantified**

**Need better understanding of implications on long term health**

**Two operations instead of one**

**Concerns amongst some clinicians that some women who have ES may not go on to have DO – it is important that everyone does**

PROTECTOR



**27 recruitment sites across UK**

**Participants can choose which arm they wish to participate in**

**3 study arms**

**Removal of both tubes & ovaries (RRSO)**

**Early removal of tubes – two step procedure (RRESDO)**

**No surgery (Controls)**

**Evaluate Early Salpingectomy (early removal of tubes) by comparing outcomes between all 3 approaches**

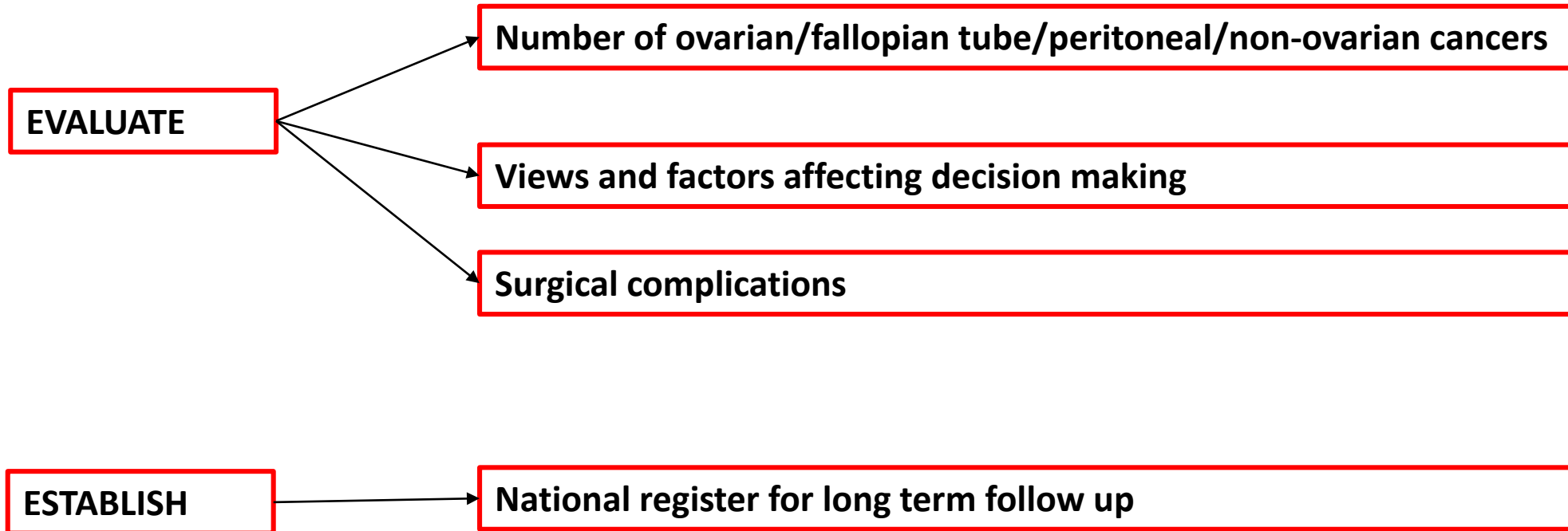
**Sexual function**

**Psychological well being**

**Quality of Life**

**Hormonal levels**

**Overall satisfaction**



**HIGH RISK for Ovarian Cancer**

**Faulty Gene-  
BRCA1, BRCA2, RAD51C, RAD51D, BRIP1**

**Strong family history of ovarian cancer  
which will warrant surgical prevention**

**Premenopausal  $\geq 30$  years**

**Completed family (for surgical arms)**



**Previous operation to remove both fallopian tubes or both ovaries**

**Postmenopausal**

**Pregnancy**

**Clinical suspicion of tubal/ovarian cancer at baseline**

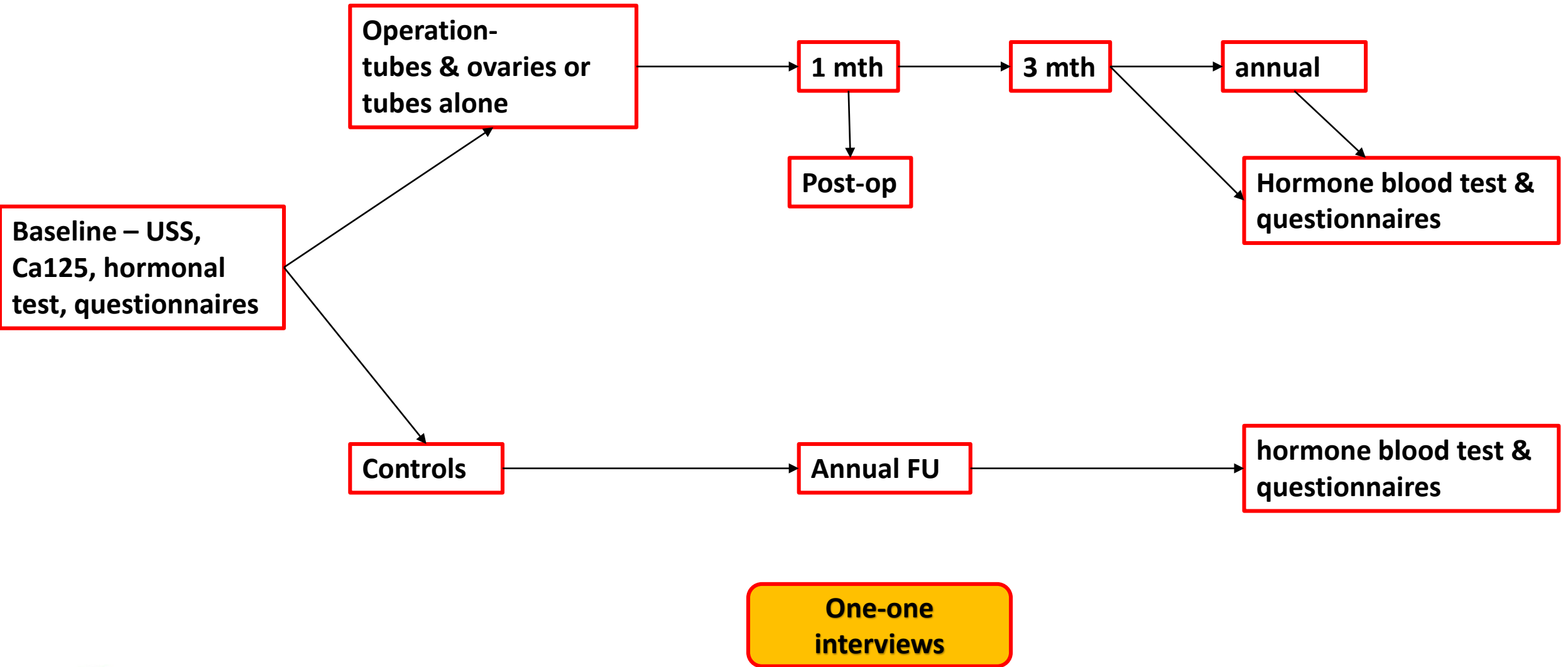
**Unable to provide informed consent**

**Clinics: NHS cancer genetics; high-risk familial cancer clinics; general gynaecology clinics; gynaecological oncology clinics**

**GP-surgeries**

**Self-referral**

**Supporting charities**



**1000**

**Study in set up phase**

**Anticipated start date: ~ May 2018**

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**Please contact us if you are interested in taking part in the study:**

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# Thank you



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