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Hereditary Breast and Ovarian Cancer: A genetics primer for the non-genetics clinician 01

02 Ovarian Cancer Risk Reduction in BRCA carriers 


Management of Breast Cancer Risk in BRCA Mutation Carriers 03 

04 Menopausal Hormone Therapy in BRCA Mutation Carriers 

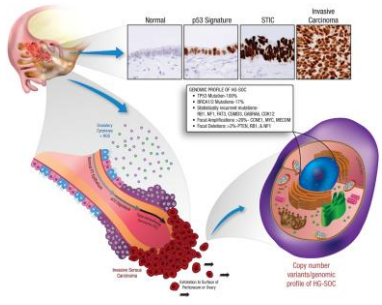


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**Genetic Testing**  
**Who? What? How?**  
 Q. In a universal, publicly funded healthcare system with provincial jurisdiction, who should be offered genetic testing for breast and ovarian cancer?


 The cover of the book "THE ANGELINA EFFECT" by Matt Richtel. It features a black and white portrait of Angelina Jolie. The text on the cover includes "Angelina Jolie's double mastectomy puts genetic testing in the spotlight. Where do all the women at risk of cancer go from here, and what pieces of mind?" and "BY MATT RICHTEL & DAVID WANG".

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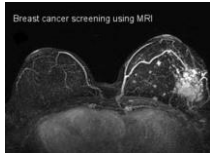


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## Breast MRI

### Advantages

- Higher sensitivity: (77-94% MRI vs 33-59% XM)
- Finds smaller tumours, node negative
- No exposure to radiation



### Disadvantages

- Lower specificity resulting in more recall studies, biopsies, anxiety
- Need injection with gadolinium
- Timing for premenopausal women should be in 2<sup>nd</sup> week of cycle
- Less uniform availability



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## Is Hormone Therapy Safe?

- Women remain fearful of hormone therapy despite its benefits
- Risks difficult to assess, especially in special populations ...
- Learn more during the course...



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