

In partnership with the

## European Randomized Study of Screening for Prostate Cancer

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**Calculate your prostate cancer risk**  
A practical, private and simple way of assessing your personal risk of prostate cancer, devised by doctors.

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**News in Brief**  
**New: Multi-step Prostate Cancer Risk Calculator**  
Seven individual calculators are now available globally for men and their clinicians. Free of charge, they help when deciding whether to have a PSA test. And later, these are applicable when deciding on treatment, if prostate cancer is

### » For doctors

The Prostate Cancer Risk Calculators help to predict the presence of cancer and whether it is aggressive or indolent.



There are two calculators to use with patients and five risk calculators just for the medical

### » For Men

Prostate cancer is one of the most common cancers in men. Improvements in treatment and diagnosis mean that more men survive the disease.

If you are concerned about your risk, you can safely use Prostate Cancer Risk Calculators 1 and 2 without any medical knowledge.

Risk Calculator 1 gives an initial assessment. But if you know your PSA level,

### » Partners

We wish to thank our partners for their continued support.





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# Seven Prostate Cancer Risk Calculators

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Risk Calculator 1 – the general health calculator is a starting

Maximum Result

To close the risk calculator, press (X) button at the top right of this popup.



### Result

The chance of having a positive biopsy is **58%**

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The chance of having a high grade or advanced prostate cancer\* is **41%**

\*Defined as Gleason score  $\geq 7$  and/or T stage  $> T2B$

Based on the performance characteristics as described in [Roobol et al Eur Urol 2012](#) we suggest the following algorithm:

Chance of having a positive biopsy	Action
$< 12.5\%$	No prostate biopsy
$12.5\% - 20.0\%$	Consider biopsy depending on co-morbidity and more than average risk on high grade prostate cancer ( $> 4\%$ )
$> = 20.0\%$	Prostate biopsy

### Select Risk Calculator:

Your Risk Calculators  
(for non-medical people)

Risk Calculators for medical use only

Risk Calculator 3 + DRE

### DRE volume assessment as predictive tool?

Risk Calculator 3 + DRE assessment avoids the necessity of a TRUS but still includes information of prostate volume in assessing the risk of a positive sextant biopsy in a man who has never been screened. Giving three choices of 25, 40 or 60cc, DRE-based prostate volume data can be used to indicate prostate volume. Omitting the information of a hypo echoic lesion and replacing the more accurate TRUS assessed

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## Seven Prostate Cancer Risk Calculators

Risk Calculator 1 – the general health calculator is a starting point, looking at family history, age and any medical problems with urination.

Risk Calculator 2 – the PSA risk calculator looks at the levels of prostate specific antigen (PSA) in patient's blood to help predict whether further investigation is required.

Risk calculator 3 predicts the chance of a positive sextant biopsy in a man who has never been screened.

Risk calculator 3 + DRE assessment predicts more accurately the chance of a positive sextant biopsy, compared to only assessing a patient's PSA value (RC 2), but without the necessity of a TRUS. An additional feature is the prediction of a high grade or advanced prostate cancer.

Risk calculator 4 offers an assessment of men who have previously had PSA screening, but have either had no biopsy or one that was negative.

Risk calculator 4 + DRE provides additional information, without the necessity of a TRUS, for assessing men who have previously been screened, whether they have had a prior biopsy or not. It also predicts the chance of a positive outcome and whether that would be high grade or advanced.

Risk calculator 5 calculates the chance of having prostate cancer

### ✦ Contact Information

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### ✦ Your Feedback

**Tell us what you think  
about the risk calculators  
and what your experience  
has been.**

We would welcome your  
feedback.