

Prostate Cancer Risk Calculator

- Determines individual risk, allows to introduce cumulative parameters
- Can be used to validate and incorporate new risk parameters
- Screenee and physician versions
- Internet tool, app
- Open access

ProstAid: decision support

World-wide registration and follow-up of low-risk tumors (>4000 in 4 continents)

www.prias-project.org

Individualized prostate cancer screening

Incorporating non-genetic risk factors and behavioural modifications into risk prediction models for colorectal cancer

Yarnall JM et al. Cancer Epidemiol 2013

Risk Ratio (Elevated)	Percentage of population
3.6	100%
7.45	~95%
8.54	~90%
13.42	~85%

Intake: 10g/day (High), <10g/day (Elevated)

Combining risk factors with faecal immunochemical test outcome for selecting CRC screenees for colonoscopy

Stegeman I et al. Gut 2013

	Risk positive	Risk negative	Total
Advanced neoplasia			
FIT positive	34 (34%)	2 (2%)	36
FIT negative	7 (7%)	58 (58%)	65
Total	41	60	101
No advanced neoplasia			
FIT positive	43 (4.3%)	23 (2.3%)	66
FIT negative	18 (1.8%)	927 (91.7%)	945
Total	61	950	1011

FIT positivity threshold: 50 ng/ml; risk positivity threshold: 0.19; at these thresholds, the number of FIT positives (36+66) is identical to the number of risk positives (41+61).
FIT, faecal immunochemical test.

