

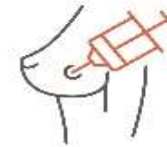
Can the choice of diagnostic procedures after screening affect the subsequent risk of breast cancer?



MAMMOGRAPHY



ULTRASONIC
RESEARCH



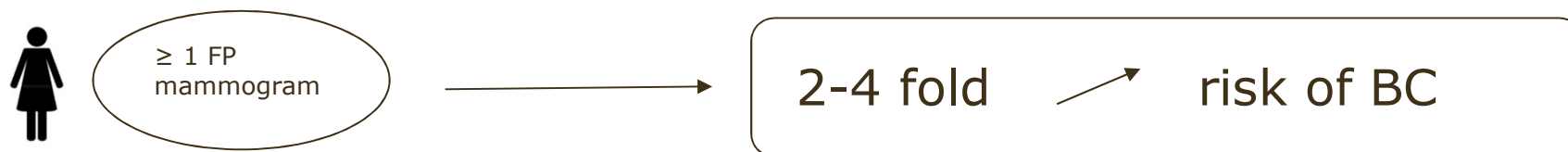
BIOPSY

Bayan Sardini

Ph.D. student
University Research Clinic for Cancer Screening,
Randers Regional Hospital
Denmark



About 2.5% false-positive results every screening round



- Misclassifications?!

Objective:

Does the subsequent risk of breast cancer depend on the diagnostic follow-up performed after a false-positive mammogram?



Results

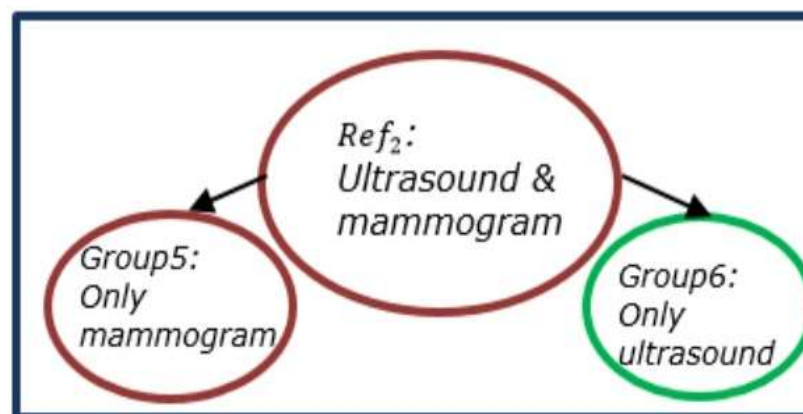
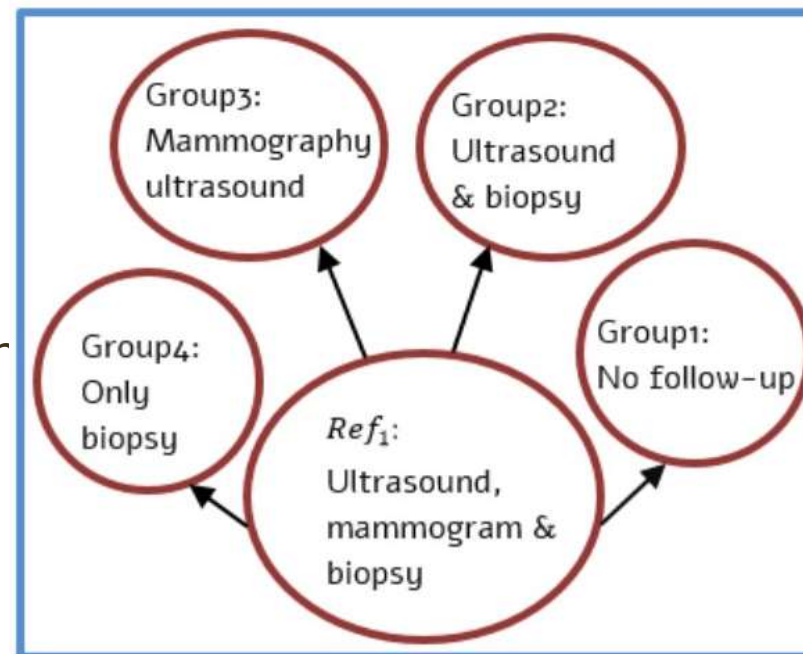
Comparing **follow-up including biopsy**:

Lower risk of subsequent cancer in all diagnostic follow-up groups with biopsy

Comparing **follow-up excluding biopsy**:

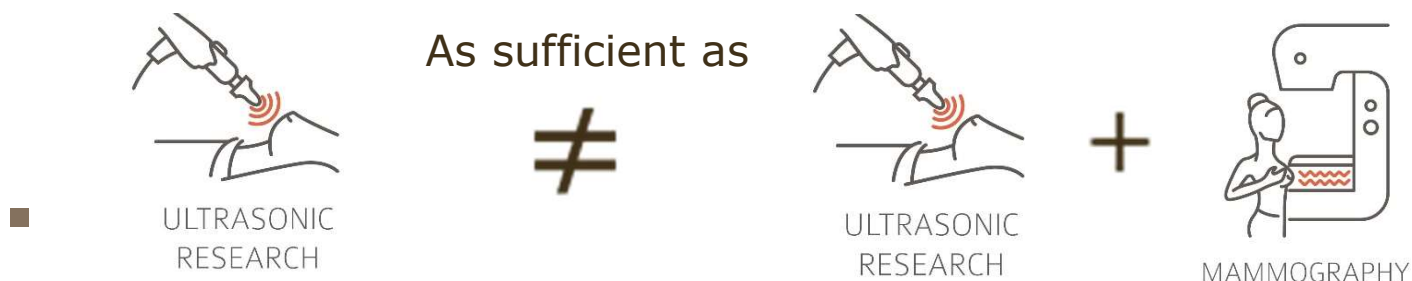
Higher risk of breast cancer in the diagnostic process with only ultrasound examination.

Interval cancer, **RR 1.80.**
Screen-detected cancer, **RR 1.42.**



Conclusion

- The choice of diagnostic follow-up procedures did not lead to more missed cancers in most cases



Thanks for listening!
Poster #XII

