

Wiener Mammographie Screening Pilotprojekt  
 Mammographie quo vadis? – Von Daten zu Taten  
 Wien 21.Januar 2009

**Europa weist den Weg:  
 Empfehlungen für ein  
 qualitätsgesichertes Mammographie-Screening**

**Prof.Dr.med. Per Skaane**  
 Ullevaal University Hospital  
 Department of Radiology  
 Breast Imaging Center  
 Oslo , Norway

per.skaane@ullevaal.no

---

---

---

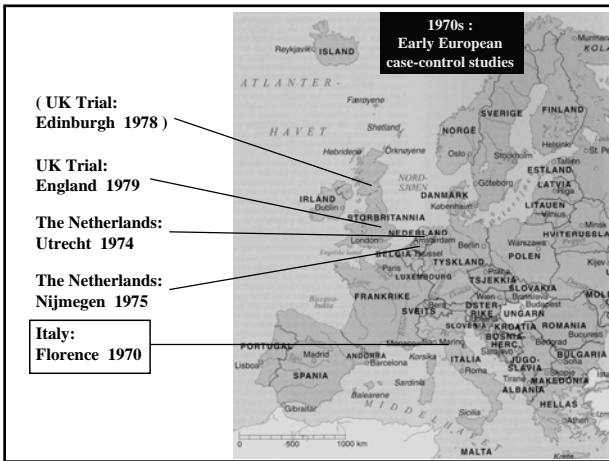
---

---

---

---

---




---

---

---

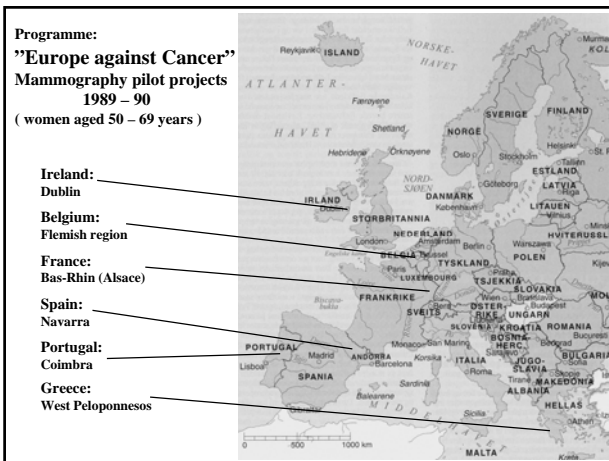
---

---

---

---

---




---

---

---

---

---

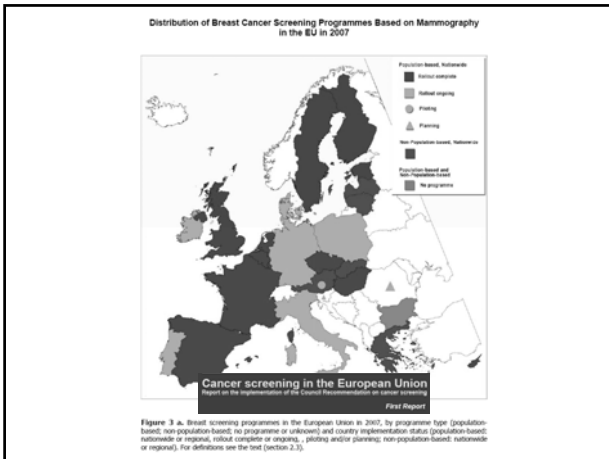
---

---

---








---

---

---

---

---

---

---

---

---

---

### Success of a mammography screening program

---

- **High acceptance (attendance rate)**
- **High quality performance indicators**
- **Low interval cancer rate**

➔ **Mortality reduction 30%**

---

---

---

---

---

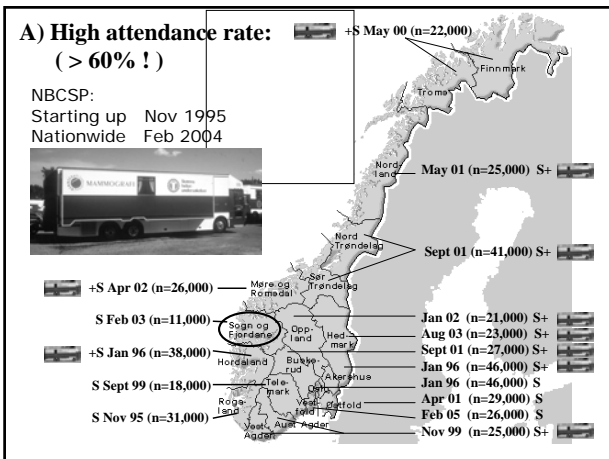
---

---

---

---

---




---

---

---

---

---

---

---

---

---

---

**Teilnehmerate: 85,6%**  
 • Buss Hinfahrt 07:10 – 11:45  
 • Buss zurück 15:30 – 20:00 (total 384 Km inkl. Fahre)  
 • Selbstbeteiligung: NOK (198 + 198 + 220) = EUR 77,-

---

---

---

---

---

---

---

---

**NBCSP: Mobile unit in North Norway**

---

---

---

---

---

---

---

---

**NBCSP: Participation rate**

Attendance in the first two rounds of the NBCS:	Prevalent round	Subsequent round
Attendance rate:	77.9%	78.7%
Counties variation:	65.5 – 88.5%	65.2 – 87.0%

---

---

---

---

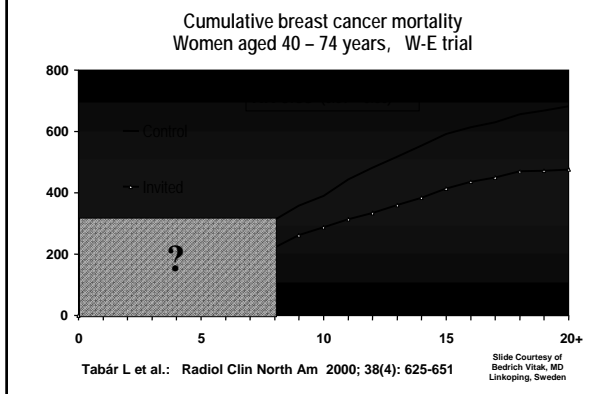
---

---

---

---

**B) Performance indicators:**




---

---

---

---

---

---

---

---

Performance indicators ("Surrogate parameters") *	Goal *
Participation rate	> 70 %
Recall rate	< 5 %
Cancer detection rate	> 1.5 x IR
Inv. cancers < 15 mm	> 50 %
Inv. ca.: lymph node neg.	> 70 %
.....	.....
Interval ca. (per 10,000 screen neg.)	< 0.18 %
➤ Occult ( normal )	
➤ Minimal sign	
➤ False negative ("missed")	< 20 %

IR: Background incidence

\* European Guidelines, IARC "Breast Cancer Screening" and Norwegian Quality Manual (modified)

---

---

---

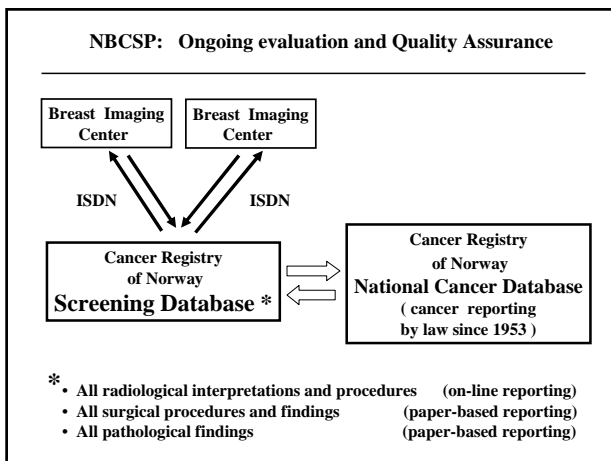
---

---

---

---

---




---

---

---

---

---

---

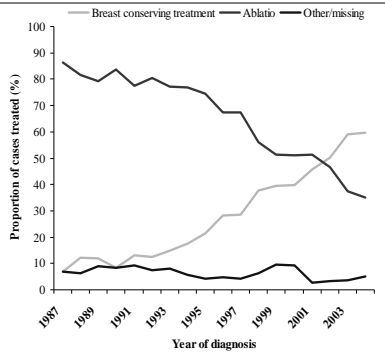
---

---





Proportions of breast conserving treatment (BCT), ablatio (mastectomy) and other treatment /missing information in breast cancer cases (DCIS and invasive cancer) relative to year at diagnosis in women aged 50-69 years at diagnosis, resident in Norway



S.Hofvind  
Kreftregisteret

---

---

---

---

---

---

---

---

---

---

---

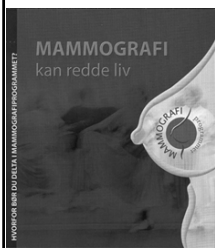
---

Editorials

Daniel B. Kopans, MD

**Mammography Screening Is Saving Thousands of Lives, but Will It Survive Medical Malpractice?**

Radiology 2004; 230: 20 - 24



Mammography screening is saving thousands of lives ..... but will it survive on-going uncritical headlines in the press?

---

---

---

---

---

---

---

---

---

---

---

---

Vielen Dank für Ihre Aufmerksamkeit !  
( das Screening – team in Oslo )



per.skaane@ulleval.no

---

---

---

---

---

---

---

---

---

---

---

---