

DENMARK

1. Country Representative/Delegate

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2. Other Participants/Collaborators

Elsebeth Lynge	Epidemiologist	e.lynge@pubhealth.ku.dk
Henning Mouridsen	Oncologist	
Sisse Njor	Statistician	
Anne Helene Olsen	Statistician	
Frits Rank	Pathologist	
Walter Schwartz	Radiologist	
Anne Louise Svendsen	Mathematician	
Ilse Vejborg	Radiologist	
Kristina Johansen	Institute of Public Health University of Copenhagen	k.johansen@pubhealth.ku.dk

3. Participation in EUROCHIP Meeting

NAME	PLACE	DATE	PARTICIPANTS
Panel of Experts	Ragusa (Italy)	24-25/09/2004	Kristina Johansen
Multinational Meeting	Milan (Italy)	13/05/2005	Elsebeth Lynge
Scandinavian Group	Vilnius (Lithuania)	14/07/2005	My Von Euler
Panel of Experts	Maiori (Italy)	15-16/06/2006	My Von Euler
Panel of Experts	Varenna (Italy)	18/10/07	My Von Euler

4. Area of the action

Assessment studies on breast cancer organised screening program

5. Aim and description of the work (for details see Annex 07)

The studies are based on the entire registers from the two mammography screening programmes in Copenhagen and Funen covering about 70000 women. These data have been linked, using the rather unique possibilities available in Denmark, to socio-demographic data on individual level. The aim with the studies was to establish determinants for participation in mammography screening programmes.

6. Results of the work (for details see Annex 07)

Never use of mammography screening was 3 times more frequent in the capital of Copenhagen than in the urban-rural area of Funen. This difference prevailed even when all demographic and health care use variables were controlled for, indicating the existence of a true urbanity factor in screening participation.

Apart from region the main predictors of never use were: not having used dental services; not having been in contact with a primary care physician; not being married; not being Danish; being older.

Example of actions disseminate information on breast cancer screening in Denmark: Information to general practitioners, Information to Danish physicians.

7. Added Value of the work (for details see Annex 07)

Identification of necessary actions to establish scientifically sound data on mammography screening:

- Providing correct data on the life time risk of a false positive mammogram. These data are important in Denmark where there is a populist campaign against screening based on the risk of false positive mammograms
- Showing the importance of a correct study design in assessing the impact of screening on breast cancer mortality. This is important because people look at the breast cancer mortality time trends and claim that screening is ineffective.

8. Publications related to EUROCHIP (with acknowledgments to EUROCHIP)

- von Euler-Chelpin M, Olsen AH, Njor S, Vejborg I, Schwartz W, Lynge E. Socio-demographic determinants of participation in mammography screening. Int J Cancer. 2008 Jan 15;122(2):418-23.
- von Euler-Chelpin M, Olsen AH, Njor S, Jensen A, Vejborg I, Schwartz W, Lynge E. Does educational level determine screening participation? Eur J Cancer Prev 2007; (in press).