

Supplemental Material

Screening-step	Person	Location
<p>written invitation with appointment time and place, every 24 months</p> <p>if woman participates</p>	invitation center personnel	<p>invitation center established exclusively for organizing the screening invitations, address data is provided by population registries</p>
<p>anamnesis and mammography documentation of relevant medical history, two view mammograms (cc & mlo)</p> <p>double reading independent, separated by time or place</p> <p>if at least one reader recommends consensus meeting</p>	<p>radiographer licensed for taking screening mammograms</p> <p>radiologist or gynecologist licensed for reading screening mammograms</p>	<p>mammography unit established exclusively for taking screening mammograms, some of them mobile</p> <p>usually at the doctor's office of reading radiologist or gynecologist</p>
<p>consensus meeting consensus reading, final judgment by responsible practitioner</p> <p>if consensus meeting recommends assessment (mammographic, clinical or technical recall)</p>	responsible practitioner & radiologist or gynecologist	at doctor's office or assessment center, depending on the organization of the screening unit
<p>Non-invasive assessment clinical assessment, ultrasound, additional mammograms, in rare cases MRT</p> <p>if non-invasive assessment cannot rule out malignancy</p>	responsible practitioner licensed for providing screening service within a screening unit	assessment unit during assessment exclusively for screening patients
<p>minimal-invasive assessment ultrasound or mammography guided core or vacuum biopsy</p> <p>histological assessment</p> <p>interdisciplinary consensus meeting case discussion with final diagnosis or recommendation of further assessment and quality control of diagnostic chain</p> <p>if malignant finding is confirmed in consensus meeting and treatment is recommended</p>	<p>responsible practitioner or radiologist licensed for mammography guided core or vacuum biopsy within the screening program</p> <p>pathologist licensed for histological assessment within the screening program</p> <p>responsible practitioner & pathologist recommended but optional participants: radiologist or gynecologist, surgeon, physicians from breast care center</p>	<p>assessment unit or breast care center</p> <p>pathological institute</p> <p>at doctor's office, assessment center, or breast care center, depending on the organization of the screening unit</p>
<p>treatment surgery and therapy</p> <p>if surgical or pathological documentation is available</p>		breast care center not part of the screening program
<p>interdisciplinary consensus meeting tumor documentation and quality control of diagnostic chain</p>	responsible practitioner & pathologist recommended but optional participants: radiologist or gynecologist, surgeon, physicians from breast care center	at doctor's office, assessment center, or breast care center, depending on the organization of the screening unit

Fig. 1: Flowchart of the screening chain with responsibilities (person and location)

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