Breast cancer

Section 1. Cancer Registration

1.1 Date of registration at oncology center: _ / _ / _

yyyy-mm-dd

1.2 Primary cancer diagnosis :

- ◯ Breast cancer
- ◯ Other cancer: _____

1.3 Sex:

- ◯ Female
- ◯ Male

1.4 Age at diagnosis: _ years

1.5 Residence:

- ◯ Northern State
- ◯ Other state: _____
- ◯ Not documented

1.6 Marital status:

- ◯ Single
- ◯ Married
- ◯ Divorced
- ◯ Widowed
- ◯ Not documented

Section 2. Breast Cancer Burden at the Center

2.1 Total number of cancer patients registered during the study period: _ patients

2.2 Total number of breast cancer patients registered during the study period: _ patients Question

_____

2.3 Breast cancer as a proportion of all registered cancer cases: _ %

_____

Section 3. Clinical Presentation

3.1 Presenting symptoms/signs:

- [ ] Breast lump/mass
- [ ] Breast pain
- [ ] Nipple discharge
- [ ] Nipple retraction
- [ ] Skin changes
- [ ] Breast ulceration
- [ ] Axillary swelling
- [ ] Incidental finding
- [ ] Other: _____
- [ ] Not documented

3.2 Duration of symptoms before first presentation:

- ( ) <1 month
- ( ) 1–3 months
- ( ) 4–6 months
- ( ) >6 months
- ( ) Not documented

3.3 Laterality:

- ( ) Right breast
- ( ) Left breast
- ( ) Bilateral
- ( ) Not documented

3.4 Tumor size: _ cm

_____

3.5 Lymph-node involvement at diagnosis:

- ◯ Yes
- ◯ N0
- ◯ Not documented

3.6 Distant metastasis at diagnosis:

- ◯ YES
- ◯ NO
- ◯ Not documented

3.7 Site of distant metastasis:

- ☐ Bone
- ☐ Lung
- ☐ Liver
- ☐ Brain
- ☐ Other: _____
- ☐ Not documented

Section 4. Stage at Diagnosis

4.1 Clinical/TNM stage at diagnosis:

- ◯ Stage I
- ◯ Stage II
- ◯ Stage III
- ◯ Stage IV
- ◯ Not documented

4.2 T classification:

- ○ T1
- ○ T2
- ○ T3
- ○ T4
- ○ Not documented

4.3 N classification:

- ○ N0
- ○ N1
- ○ N2
- ○ N3
- ○ Not documented

4.4 M classification:

- ○ M0
- ○ M1
- ○ Not documented

4.5 Advanced-stage disease:

- ○ Yes — Stage III or IV
- ○ No — Stage I or II
- ○ Cannot be determined

Section 5. Histopathological Characteristics

5.1 Histological type:

- ○ Invasive ductal carcinoma
- ○ Invasive lobular carcinoma
- ○ Ductal carcinoma in situ
- ○ Other: _____
- ○ Not documented

5.2 Histological grade:

- ◯ Grade I
- ◯ Grade II
- ◯ Grade III
- ◯ Not documented

5.3 Estrogen receptor (ER):

- ◯ Positive
- ◯ Negative
- ◯ Equivocal
- ◯ Not done
- ◯ Not documented

5.4 Progesterone receptor (PR):

- ◯ Positive
- ◯ Negative
- ◯ Equivocal
- ◯ Not done
- ◯ Not documented

5.5 HER2 status:

- ◯ Positive ☐
- ◯ Negative
- ◯ Equivocal
- ◯ Not done
- ◯ Not documented

Section 6. Diagnostic Methods

6.1 Diagnostic modalities used:

- [ ] Clinical examination
- [ ] Mammography
- [ ] Breast ultrasound
- [ ] FNAC/cytology
- [ ] Core needle biopsy
- [ ] Histopathological examination
- [ ] Other: _____
- [ ] Not documented

6.2 Histopathological confirmation:

- ( ) Yes
- ( ) No
- ( ) Not documented

6.3 Date of histopathological diagnosis: _ / _ / _

yyyy-mm-dd

Section 7. Treatment Patterns

7.1 Surgery Surgery received:

- ( ) Yes
- ( ) No
- ( ) Not documented

Type of surgery:

- [ ] Mastectomy
- [ ] Breast-conserving surgery
- [ ] Axillary lymph-node surgery
- [ ] Other: _____
- [ ] Not documented

7.2 Chemotherapy Chemotherapy received:

- ◯ Yes
- ◯ No
- ◯ Not documented

Chemotherapy setting:

- ◯ Neoadjuvant
- ◯ Adjuvant
- ◯ Palliative
- ◯ Other/unclear
- ◯ Not documented

7.3 Radiotherapy Radiotherapy received:

- ◯ Yes
- ◯ No
- ◯ Not documented

Radiotherapy setting:

- ◯ Adjuvant
- ◯ Palliative
- ◯ Other
- ◯ Not documented

7.4 Endocrine (Hormonal) Therapy Endocrine therapy received:

- ◯ Yes
- ◯ No
- ◯ Not documented

Type of endocrine therapy:

- ☐ Tamoxifen
- ☐ Anastrozole
- ☐ Letrozole
- ☐ Exemestane
- ☐ Fulvestrant
- ☐ Other: _____
- ☐ Not documented

Endocrine therapy status:

- ◯ Started and ongoing ☐ Completed ☐ Interrupted ☐ Discontinued ☐ Not started ☐ Not documented
- ◯ Completed
- ◯ Interrupted
- ◯ Discontinued
- ◯ Not started
- ◯ Not documented

Duration, if documented: _ months

_____

7.5 Targeted Therapy Targeted therapy received:

- ◯ Yes
- ◯ N0
- ◯ Not documented

Type:

- ◯ Trastuzumab
- ◯ Other: _____
- ◯ Not documented

Section 8. Overall Treatment Status

8.1 Overall treatment status:

- ◯ Treatment completed
- ◯ Treatment ongoing
- ◯ Treatment interrupted
- ◯ Treatment not started
- ◯ Referred to another center
- ◯ Not documented

8.2 If treatment was not started, interrupted, or discontinued, documented reason:

- ○ Treatment unavailable
- ○ Medication unavailable
- ○ Financial reasons
- ○ Patient refusal
- ○ Clinical condition
- ○ Referral
- ○ Loss to follow-up
- ○ Other: _____
- ○ Not documented

Section 9. Treatment Timeline

9.1 Date of first definitive treatment:

yyyy-mm-dd

9.2 Interval between histopathological diagnosis and first definitive treatment: _ days

If not available :

- ○ Not calculable
- ○ Not documented

9.3 Was the patient referred elsewhere for treatment?

- ○ Yes
- ○ No
- ○ Not documented

9.4 If yes, reason for referral:

Group

Section 10. Medical Record Documentation Completeness	Documented	Not documented
Age	○	○

Sex	◯	◯
Residence	◯	◯
Marital status	◯	◯
Presenting symptoms	◯	◯
Symptom duration	◯	◯
Laterality	◯	◯
Tumor size	◯	◯
Lymph-node status	◯	◯
Distant metastasis	◯	◯
Clinical/TNM stage	◯	◯
Histological type	◯	◯
Histological type	◯	◯
ER status	◯	◯
PR status	◯	◯
HER2 status	◯	◯
Diagnostic method	◯	◯
Surgery	◯	◯
Chemotherapy	◯	◯
Radiotherapy	◯	◯
Endocrine therapy	◯	◯
Targeted therapy	◯	◯
Treatment status	◯	◯

Section 11. Research Classification Variables

Advanced-stage breast cancer

- ◯ Stage I/II = 0 (No)
- ◯ Stage III/IV = 1 (Yes)

Age group (to be categorized per analysis plan, e.g.)

- ◯ < 40 years
- ◯ 40–49 years
- ◯ 50–59 years
- ◯ ≥ 60 years

Treatment completion

- ◯ Completed = 1
- ◯ Not completed / interrupted / not started = 0
- ◯ Unknown / not documented = Missing