U.S. Estimates of Infertility among women with Breast Cancer

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American Cancer Society, Surveillance Research 2011
5-Year Relative Survival By Year Dx
By Cancer Site
Ages < 50, All Races, Female
1975-2004

Cancer sites include invasive cases only unless otherwise noted.
Survival source: SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).
The 5-year survival estimates are calculated using monthly intervals.
1 in 7 babies are born to mothers aged 35 and older.

CDC Wonder, Births Data 2009.
Preservation options

Embryo Freezing
Egg Freezing
Ovarian Tissue Freezing
The Data Exists !!
What are we talking about?

Fertility Education

Fertility Counseling

Fertility Preservation
How many women with breast cancer are there nationally?

- United States Cancer Statistics (USCS)

What adjuvant treatments did they receive?

- Breast and Prostate Cancer Data Quality and Patterns of Care (PoC)

Do women desire to have children in the future?

- National Survey of Family Growth

- Autopsy or death certificate only: 95
- In situ:
  - 16,409
  - Distant: 3,388
  - Unknown: 2,411
- Not microscopically confirmed: 480
- Ineligible histologies
  - Paget’s: 333
  - Phyllodes: 364
- Multiple Primary: 6615

Number of women eligible for analysis: 60,115
100 Women Aged 30 – 34, White, Hispanic, Local Stage, Grade II, Ductal Carcinoma

69% chance of having a hormone positive tumor

69 Women in USCS have an Hormone positive tumor
Breast cancer incidence among women 15 – 44 years old

Hormone Therapy Recommended
No adjuvant therapy
Exclusions:
- Stage 0, IV or unstaged DCO/AO
- Not pathologically confirmed Previous Diagnosis of Cancer

Number of women requiring fertility counseling, and potentially fertility preservation and fertility treatment
Chemotherapy and / or hormone therapy recommended / received (women requiring fertility education)
No adjuvant therapy recommended / received
Completed childbirth prior to diagnosis
Chemotherapy Received
Hormone Therapy Recommended
Who can this data impact?

Patients
Providers that treat cancer patients
Fertility specialists
Insurance companies
Advocacy groups
Cancer surveillance community