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From First Symptom To Treatment For Breast Cancer in An International Comparative Study (ICBPM4)

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ABSTRACTS

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N-392 - From First Symptom To Treatment For Breast Cancer ñ An International Comparative Study (ICBPM4)

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Purpose: International differences in breast cancer survival and stage at diagnosis, reported previously by the International Cancer Benchmarking Partnership (ICBP), may be linked to differences in time intervals and routes to diagnosis. ICBP Module 4 reports the first international comparison of routes to diagnosis for breast cancer patients and the time intervals from symptom onset until the start of treatment. Data from ten jurisdictions across six countries (Canada, the UK, Norway, Sweden, Denmark and Australia) is included.
Methods: Patients were identified via cancer registries. Data on symptomatic and screened patients was collected – with a target of 200 symptomatic patients. Questionnaire data from patients' primary care providers (PCPs) and specialists, as well as audit information from treatment records or databases, supplemented data from the patient questionnaire.
Routes to diagnosis and the key time intervals were estimated and compared using quantile regression.
Results: A total of 3,470 breast cancer patients diagnosed between May 2013 and November 2015 are included in the analyses. Preliminary analyses show that the main route to diagnosis was symptomatic presentation, most often to primary care, with half experiencing a lump.
The median patient interval ranged from 4 to 31 days. The primary care interval was short with a median of 0 days with a few important exceptions. For symptomatic women the median diagnostic interval ranged from 8 to 36 days and the median total interval from first symptom to treatment from 42 to 93 days between jurisdictions. The total interval was similar between jurisdictions when screen detected cases were included.
Conclusion: ICBM4 was able to demonstrate important differences in routes to diagnosis and time intervals between ten jurisdictions. Preliminary results will be presented at the conference.
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