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| Title  (same as consent form) | Tomosynthesis Mammographic Imaging Screening Trial (TMIST) |
| Principal Investigator: | Paula Gordon, MD, FRCPC |
| Primary Contact:  (name, title, phone, email) | Khaye Rufin, MPH  Research Coordinator; 604-875-2424 ext 4796, Khaye.Rufin@cw.bc.ca |
| About the Study:  (plain language summary) | This study aims to enroll 3,000 women in the Vancouver area into a screening mammography trial. Each woman will be randomized either into a group that receives regular 2-dimensional screening or a new type of screening called Tomosynthesis, which has 3-dimensional capability. Both groups of woman will receive their respective screening mammography exams annually for three years. |
| Why is this research important? | The findings from this study will help determine whether tomosynthesis results in fewer false-positive findings (reduced recall rate) than traditional 2D mammography. This could result in less anxiety for women who receive abnormal results and lower economic burden of unnecessary follow-up on the health care system. |
| Study Status:  (e.g. recruiting, data analysis, manuscript development, complete) | Recruiting |
| Who can participate?  (short description, attach consent form) | * Women over the age of 50 * Fluent in English * Eligible for mammography screening at the Screening Mammography Program of British Columbia * Are able to return to the original sites (BC Women’s Hospital Breast Health Program or X-RAY 505) for further screenings |
| Study Results/Publication: | N/A |
| Co-Investigators: | Linda Warren, MD, FRCPC  Janette Sam, RT(R)  Andy Coldman, PhD  Joseph Yang, PhD |
| Funded by: | Gordon and Leslie Diamond family/BC Women’s Hospital & Health Centre Foundation |
| Partners: | BC Women’s Hospital + Health Centre, BC Cancer Agency, Screening Mammography Program of BC, American College of Radiology (ACR), American College of Radiology Imaging Network (ACRIN) |
| Other Attachments (e.g. Newsletters, videos): | N/A |

**WHRI Website: Research Project Template**