


MEDICAL AND SCIENTIFIC COMMITTEE

ANNUAL LAY REPORT 2014

Lay Project Title:	Mammographic density of young women and their relatives
Chief Investigator(s):	Prof John Hopper, Dr Jennifer Stone, Dr Carmel Apicella, Dr Enes Makalic, Dr Daniel Schmidt, Dr Rob MacInnis
Unit/Institution:	Centre for Epidemiology & Biostatistics, University of Melbourne
Years Funded:	2012-2014

1	<p>Lay Abstract</p> <p>Mammographic density (MD) is a strong risk factor for breast cancer, at least for women over the age of 40 years. An important issue is: does this apply to younger women? The reason this is not known is because it is usually not practical to obtain mammograms and measure MD for large numbers of women not yet eligible for free mammograms (e.g. through <i>BreastScreen</i>). There are, however, other strategies that can be used to learn about MD for young women, especially if their relatives are involved.</p> <p>We would like to know, for young adult women aged 20 to 40 years:</p> <ul style="list-style-type: none"> (i) What are the environmental and lifestyle factors associated with MD, and are they the same as for older women? (ii) Is their MD correlated with that of their mother and sisters, including twins? (iii) Does MD track with time as it does for older women? <p>We will address these issues by obtaining a community sample of women aged 20-40 years who have already had a mammogram, or who are about to have one. In our research, we have become aware that there are substantial numbers of women who are having mammograms at this time of life outside the screening system due to worries about symptoms or family history. We will measure the factors that we think might be influencing their decision to have a mammogram at a young age and allow for these in our analyses.</p>
2	<p>Please list <u>all papers arising from this research project</u>, which have been published, or accepted for publication, in refereed journals since the commencement of this grant. Please list in chronological order, include title, sequence of authors, first, and last pages, name, volume and date of journal.</p> <p><i>Briefly annotate major findings within these publications</i></p> <p>None to date.</p>
3	<p>Please list any presentations relating to this research project that were made at scientific meetings during 2014.</p> <p><i>Please identify the meeting, provide the title of your presentation and indicate the type of presentation (plenary, invited, selected, poster etc, or session chair)</i></p>

	None to date.
4	Certification by Chief Investigator
	I confirm that the above details are correct.  Signature: _____ Date: 6/3/15 Prof John Hopper