

Supplemental Table for:
Time to mammographic density decrease after exposure to tamoxifen
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1 **Supplemental Table 1.** Inclusion and exclusion criteria.

2 **INCLUSION CRITERIA** To participate, the women must meet the following inclusion criteria:

- 3 • Participant of the Karma Cohort
- 4 • Attending the national mammography screening program, *i.e.* aged 40-74
- 5 • Mammogram 3 weeks before start of therapy
- 6 • Mammographic volumetric density >4%, measured by Volpara
- 7 • Informed consent signed before study specific assessments are performed

8 **EXCLUSION CRITERIA** To participate, the women must not meet any of the following exclusion
9 criteria:

- 10 • Being pregnant or planning to become pregnant during the study
- 11 • Any previous or current diagnosis of breast cancer (including carcinoma in situ)
- 12 • Recalled (mammographic code 3 or above) after baseline screening mammography
- 13 • Any previous diagnosis of cancer, with the exception of non-melanoma skin cancer and
14 *in situ* cancer of the cervix
- 15 • Currently using oestrogen and progesterone-based hormone replacement therapy
- 16 • Current use of hormone contraceptive with hormones, *e.g.* hormonal contraceptive
17 pills, or progesterone implants. Hormonal intrauterine devices are accepted.
- 18 • A history of thromboembolic disease such as embolism, deep vein thrombosis, stroke,
19 TIA or cardiac arrest.
- 20 • A history of immobilization, *e.g.* using wheelchair
- 21 • Known uncontrolled diabetes
- 22 • Hypertension at baseline, defined as systolic pressure higher than 140 mm Hg and
23 diastolic higher than 90 mm Hg
- 24 • Use of drugs that interfere with CYP2D6 expression such as paroxetine, fluoxetine and
25 bupropion

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