Protocol 1

Management guidelines for unaffected women with a family history of breast and/or ovarian cancer

**Category B1 screening**
Annual mammography 40-50 years
Three-yearly mammography 50-70 years

1. **1 relative with breast cancer**
   - One female FDR with BC < 40 yrs
   - One male FDR with BC at any age
   - One FDR with bilateral BC at any age

2. **2 relatives with breast cancer**
   - One female FDR and one female SDR with BC at any age
   - Bilateral BC any age and another relative < 60 yrs (at least one must be FDR)
   - One male BC and one female BC at any age (at least one must be FDR)

3. **2 relatives: one with breast and one with ovarian cancer**
   - One OC and one BC at any age (at least one must be FDR)

4. **2 or more relatives with ovarian cancer**
   - Three female FDR or SDR with BC at any age
   - Three FDR or SDR with BC at any age at least one must be male BC
   - Three FDR or SDR with BC at any age at least one must be bilateral BC

5. **3 relatives with breast cancer**
   - Three FDR or SDR with BC at any age
   - Three FDR or SDR with BC at any age at least one must be male BC

6. **3 relatives with breast or ovarian cancer**
   - Three FDR or SDR with BC or OC at any age
   - FDR/SDR/TDR with BC or OC at any age (at least one must be SDR)

7. **4 or more relatives with breast or ovarian cancer**
   - FDR/SDR/TDR with BC or OC at any age (at least one must be SDR)

**Category B2 screening**
Annual mammography 40-60 years
Three-yearly mammography 60-70 years
Discuss chemoprevention

1. **Both cancers < 50 yrs**
2. **BC < 50 yrs**
3. **Both < 50 yrs or One < 35 yrs**
4. **Both < 40 yrs or FDR < 35 yrs**
5. **At least two cancers < 55 yrs**
6. **Female BC < 50 yrs**
7. **BC < 50 yrs**
8. **Two OC any age (at least one must be FDR)**
9. **Two are FDR or Two < 55 yrs and one is FDR or FDR < 35 yrs**
10. **Two are MBC or Two are female BC < 60 yrs (at least one must be FDR)**
11. **One relative is a FDR**
12. **All BC < 60 yrs or At least two are OC (at least one must be FDR)**
13. **One relative is a FDR**

**Notes**
- If the consultee is affected with breast cancer and has residual breast tissue, count as a FDR for screening recommendations.
- An affected female SDR through a male FDR is equivalent to a FDR.
- One relative must be a FDR of the consultee, unless otherwise specified.
- Discussion of chemoprevention should include potential benefits and side effects & review of contraindications.

**BRCA1/2 negative families**
1. For breast only families, a negative BRCA1/2 test does not alter the mammographic screening category.
2. For breast-ovarian families, a negative BRCA1/2 test, may alter mammographic screening category, which should be recalculated on the basis of the breast cancers in the family alone.
3. Recommendation of risk-reducing mastectomy is likely appropriate in only a small number of families and should take place only following discussion in the Genetics MDT.

* See FAQ document. [http://www.icr.ac.uk/protocols](http://www.icr.ac.uk/protocols)