**Table 1: Characteristics of patients tested for germline *BRCA1* and *BRCA2* mutations**

| Characteristics | Total (n=431) | | BRCA mutations | |
|---|---|---|---|---|
| | Number | (%) | Number | (%) |
| **Female breast, age at index diagnosis, y** | | | | |
| ≤30 | 50 | 11.6 | 10 | 20.0 |
| 31-40 | 164 | 38.1 | 30 | 18.3 |
| 41-50 | 144 | 33.4 | 16 | 11.1 |
| >50 | 73 | 16.9 | 9 | 12.3 |
| **Breast or ovarian cancers in family (1° and 2° only)** | | | | |
| Female breast | 217 | 50.3 | 41 | 18.9 |
| Female ovary | 19 | 4.4 | 9 | 47.4 |
| **Manchester score** | | | | |
| ≤10 | 205 | 47.6 | 11 | 5.4 |
| 11-17 | 146 | 33.9 | 26 | 17.8 |
| ≥18 | 80 | 18.6 | 28 | 35.0 |
| **Ancestry** | | | | |
| Malay | 115 | 26.7 | 17 | 14.8 |
| Chinese | 248 | 57.5 | 31 | 12.5 |
| Indian | 59 | 13.7 | 15 | 25.4 |
| Others | 9 | 2.1 | 2 | 22.2 |
| **Referral characteristic** | | | | |
| Early onset ≤35, regardless of family history | 131 | 30.4 | 25 | 19.1 |
| 2 cases of breast cancer, 1 <50 | 126 | 29.2 | 21 | 16.7 |
| 3 cases of breast or ovarian cancer | 76 | 17.6 | 25 | 32.9 |
| 1 case of bilateral breast cancer <50, in index or 1° and 2° relative | 39 | 9.0 | 13 | 33.3 |
| 1 case of breast and ovarian cancer in same individual in index or 1° and 2° relative | 8 | 1.9 | 4 | 50.0 |
| Triple negative breast cancer, ≤50 | 98 | 22.7 | 23 | 23.5 |

A total of 431 breast cancer patients were analysed for germline mutations in *BRCA1* and *BRCA2* by DNA sequencing and multiple ligation dependent probe amplification (MLPA) analysis. Table 1 shows the distribution of patients according to their age at diagnosis, family history of breast and ovarian cancer in first- and second degree relatives, Manchester score and self-declared ethnicity, and the prevalence of *BRCA1* and *BRCA2* mutations in each category.