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### Abbreviations used

|         |   |
|---------|---|
| ADH     | Atypical ductal hyperplasia                                     |
| ALH     | Atypical lobular hyperplasia                                    |
| BDA     | Blunt duct adenosis   |
| BI-RADS | Breast imaging reporting and data system                        |
| CAPSS   | Columnar alteration with prominent apical snouts and secretions |
| CI      | Confidence interval   |
| DCIS    | Ductal carcinoma in situ  |
| EUSOMA  | European Society of Mastology                                   |
| FNAC    | Fine needle aspiration cytology                                 |
| GCDFP   | Gross cystic disease fluid protein                              |
| HRT     | Hormone replacement therapy                                     |
| LOH     | Loss of heterozygosity  |
| MCL     | Mucocele-like lesion  |
| MR      | Magnetic resonance  |
| NOS     | Not otherwise specified   |
| NHSBSP  | National Health Service Breast Screening Programme              |
| OR      | Odds ratio  |
| RR      | Relative risk   |
| TDLU    | Terminal duct lobular unit                                      |