Appendix 1

This appendix was part of the submitted manuscript and has been peer reviewed. It is posted as supplied by the authors.

### Appendix 1

**ICD10 diagnosis and procedure codes for study population exclusions.**

| codes | Breast cancer diagnoses: C50,D05,I97.2 | Mastectomy: 31524-00/01, 31518-00/01, 45527-00/01 | Breast reconstruction: 45530-02, 45533-00,45536-00, 45539-00, 45542-00, 45545-00/01/02, 45548-01/02 | Other breast surgery:  
| Lumpectomy: 31500-00/01 | Microdochotomy: 31554-00, 31557-00 | Removal of implants: 45548-00,45551-00,45552-00,45554-00,45555-00 | Reduction mammoplasty: 45520-00/01/02/03, 45522-00/01 | Re-excision of cancer: 31515-00 |