**Appendix 2.** ICD-9 and ICD-10 codes used to identify comorbidity diagnosis from the EHR for model adjustment.

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| Group | Code | Version | Code Description |
| Infertility | 628 | ICD-9 | Female infertility |
| 628.0 | ICD-9 | Infertility, female, associated with anovulation |
| 628.1 | ICD-9 | Infertility, female, of pituitary-hypothalamic origin |
| 628.2 | ICD-9 | Infertility, female, of tubal origin |
| 628.3 | ICD-9 | Infertility, female, of uterine origin |
| 628.4 | ICD-9 | Infertility, female, of cervical or vaginal origin |
| 628.8 | ICD-9 | Infertility, female, of other specified origin |
| 628.9 | ICD-10 | Infertility, female, of unspecified origin |
| N97.0 | ICD-10 | Female infertility associated with anovulation |
| N97.1 | ICD-10 | Female infertility of tubal origin |
| N97.2 | ICD-10 | Female infertility of uterine origin |
| N97.8 | ICD-10 | Female infertility of other origin |
| N97.9 | ICD-10 | Female infertility, unspecified |
| Pregnancy Resulting from Assisted Reproductive Technology | N98.0 | ICD-10 | Infection associated with artificial insemination |
| N98.1 | ICD-10 | Hyperstimulation of ovaries |
| O09.811 | ICD-10 | Supervision of pregnancy resulting from assisted reproductive technology, first trimester |
| O09.812 | ICD-10 | Supervision of pregnancy resulting from assisted reproductive technology, second trimester |
| O09.813 | ICD-10 | Supervision of pregnancy resulting from assisted reproductive technology, third trimester |
| O09.819 | ICD-10 | Supervision of pregnancy resulting from assisted reproductive technology, unspecified trimester |
| V23.85 | ICD-9 | Pregnancy resulting from assisted reproductive technology |
| V26.1 | ICD-9 | Artificial insemination |
| V26.42 | ICD-9 | Encounter for fertility preservation counseling |
| V26.82 | ICD-9 | Encounter for fertility preservation procedure |
| Z31.0 | ICD-10 | Encounter for reversal of previous sterilization |
| Z31.41 | ICD-10 | Encounter for fertility testing |
| Z31.42 | ICD-10 | Aftercare following sterilization reversal |
| Z31.62 | ICD-10 | Encounter for fertility preservation counseling |
| Z31.83 | ICD-10 | Encounter for assisted reproductive fertility procedure cycle |
| Z31.84 | ICD-10 | Encounter for fertility preservation procedure |