

Appendix 1: Full Search Strategy

General search terms used in all	Telomere* OR telomerase AND length* OR short* OR long* OR elongat* OR homeostasis OR maintenance OR measur* OR attrition OR dynamics AND Obstetric* OR Premenopaus* OR Gestation* OR Gravidit* OR Nulligravidit* OR Primigravidit* OR Multigravidit* OR Parity OR Nulliparous OR Primiparity OR Multiparity OR Nulliparity OR Pregnant* OR Mother* OR maternal OR Prenatal OR antenatal OR Perinatal OR Postnatal OR Childbirth OR birth OR delivery OR labor OR labour OR Conception OR Preconception OR Parental OR postpartum OR reproducti* OR parturition OR lactat* OR "breast feed*" OR breastfeed* OR "breast fed" OR breastfed
Pubmed/Cochrane Mesh terms	Telomere (MeSH) OR <u>Telomerase</u> (MeSH) OR Telomere Shortening (MeSH) OR <u>Telomere Homeostasis</u> (MeSH) AND Delivery, Obstetric (MeSH) OR Labor, Obstetric (MeSH) OR Premenopause (MeSH) OR <u>Live Birth</u> (MeSH) OR Term Birth (MeSH) OR Reproductive History (MeSH exp) Pregnancy (MeSH) OR Parturition (MeSH) OR Natural Childbirth (MeSH) OR Pregnant Women (MeSH) OR Postpartum Period (MeSH) OR Maternal-Fetal Relations (MeSH) OR Mothers (MeSH) OR Maternal-Fetal Exchange (MeSH) OR Reproduction (MeSH) OR Reproductive Behavior (MeSH) OR Reproductive Physiological Phenomena (MeSH) OR Maternal age (MeSH) OR Lactation (MeSH) OR Breast feeding (MeSH)
Psycinfo Thesaurus of Psychological Index Terms	Telomeres (IT) AND Obstetrics (IT) OR <u>Pregnancy Outcomes</u> (IT) OR Pregnancy (IT) OR Sexual Reproduction (IT) OR birth (IT) OR Reproductive Health (IT) OR Primipara (IT) OR Perinatal Period (IT) OR Postnatal Period (IT) OR Mothers (IT) OR <u>Natural Childbirth</u> (IT) OR Expectant Mothers (IT) OR Prenatal Care (IT) OR Parental Investment (IT) OR Lactation (IT) OR Breast feeding (IT)
Cinahl Subject Headings	Telomere (IT) OR Telomerase (IT) AND Delivery, Obstetric (IT) OR Intrapartum Care (IT) OR Perinatal Care (IT) OR Postnatal Care (IT) OR Prenatal Care (IT) OR Premenopause (IT) OR Reproduction (IT) OR sexual reproduction periods (IT) OR Periconceptual Period (IT) OR Postnatal Period (IT) OR Pregnancy (IT) OR Parity (IT) OR Nulliparas (IT) OR Multiparas (IT) OR Expectant Mothers (IT) OR Mothers (IT) OR Parents (IT) OR Childbirth (IT) OR Labor (IT) OR Maternal-fetal exchange (IT) OR Mothers- infant relations (IT) OR Primiparas (IT) OR Maternal behavior (IT) OR Maternal role (IT) OR Prepregnancy care (IT) OR Obstetric care (IT) OR Lactation (IT) OR Breastfeeding (IT) OR Term birth (IT) OR Obstetrics (IT) OR Maternal age

Appendix 2: General Keyword Search Strategy

Concept #1- Telomere terms	Concept #2 - Length terms	Concept #3- Parity terms
Telomere* telomerase	length* short* long* elongat* homeostasis maintenance measur* attrition dynamics	Obstetric* Premenopaus* Gestation* Gravidit* Nulligravidit* Primigravidit* Multigravidit* Parity Nulliparous Primiparity Multiparity Nulliparity Pregnan* Mother* maternal Prenatal antenatal Perinatal Postnatal Childbirth birth delivery labor labour Conception Preconception Parental postpartum reproducti* parturition lactat* "breast feed*" breastfeed* "breast fed" breastfed