

Appendix 1. MESH Terms	
Index and keyword terms	
ClinicalTrials.gov	
All levels	(pregnancy OR obstetrics OR gynecology OR women's health OR contraception OR menstruation OR fertility OR infertility OR family planning OR abortion OR cesarean OR menopause) AND (telemedicine OR mobile health OR telehealth OR ehealth OR mhealth OR m-health OR digital health OR virtual visit OR remote monitoring OR smartphone OR mobile application OR text message).
Embase	
All levels	<p>1. telemedicine/ or (telemedicine or "tele medicine").ti,ab. or (interactive adj3 (consult\$ or diagnos\$)).ti,ab. or (health adj3 mobile).ti,ab. or (telehealth or tele health).ti,ab. or (ehealth or e-health).ti,ab. or (mhealth or m-health).ti,ab. or (telecommunication/ and remote.ti,ab.) or teleconsultation/ or tele-consultation.ti,ab. or ((remote or telephone) adj3 consult\$).ti,ab. or (remote adj3 telecommunication\$).ti,ab. or ((video or remote) adj3 visit\$).ti,ab. or (remote adj3 monitor\$).ti,ab. or (mobile adj3 (app\$ or media)).ti,ab. or (digital adj3 health).ti,ab. or ((smartphone\$ or smart phone\$) adj3 app\$).ti,ab. or smartphone/ or mobile application/ or (secure adj3 message\$).ti,ab. or wearable\$.ti,ab. or (wearable\$ adj3 device\$).ti,ab. or (patient adj3 generate\$ adj3 data).ti,ab. or ((distance or connect\$) adj3 health).ti,ab. or (video conferenc\$ or videoconferenc\$).ti,ab. or (remote adj3 videoconferenc\$).ti,ab. or (remote.ti,ab. and videoconferencing/) or telepharmacy.ti,ab. or telepharmacy.ti,ab. or ((hospital pharmacy/ or clinical pharmacy/ or pharmacy/) and telemedicine/) or ((radiology information system/ or radiology/) and telemedicine/) or telepathology/ or telepathology.ti,ab. or (pathology/ and telemedicine/) or in-home.ti,ab. or (wireless adj4 monitor\$).ti,ab. or (teleultraso\$ or tele-ultraso\$ or tele-radiology or tele-pathology or tele-pharmacy or tele-medicine or tele-health).ti,ab. or ((virtual or remote) adj3 (care or health or visit or consult\$)).ti,ab. or (portable adj3 device\$).ti,ab. or (digital adj3 technolog\$).ti,ab. or (mobile adj4 monitor\$).ti,ab. or ((phone or smartphone or smart phone) adj3 based).ti,ab. or (text adj3 messag\$).ti,ab. or ((sms adj3 message) or short message service\$).ti,ab. or (tablet adj3 app\$).ti,ab. or personal digital assistant/ or (computer\$ adj3 handheld).ti,ab. or (patient adj3 engage\$ adj3 app\$).ti,ab.</p> <p>2. obstetrics/ or gynecology/ or women's health/ or (health service/ and (women or woman).ti,ab.) or (exp contraceptive agent/ and female/) or (exp contraceptive device/ and female/) or exp maternal health service/ or exp *pregnancy outcome/ or (exp urogenital tract disease/ and female/) or (exp diagnostic procedure/ and female/) or exp gynecologic surgery/ or exp obstetric operation/ or women\$ health service\$.ti,ab. or (female adj3 contraceptive\$).ti,ab. or maternal health service.ti,ab. or pregnancy outcome.ti,ab. or (female urogenital diseases or pregnancy complications).ti,ab. or ((obstetric\$ or gynecolog\$) adj3 diagnostic technique\$).ti,ab. or (gynecolog\$ adj surg\$ adj procedure\$).ti,ab. or (obstet\$ adj surg\$ adj procedure\$).ti,ab.</p> <p>3. (gynecol\$ adj3 (oncol\$ or neoplasm\$ or cancer\$)).ti,ab. or female genital tract cancer/ or female genital tract tumor/ or uterine tube tumor/ or uterus cancer/ or endometrium cancer/ or endometrioid carcinoma/ or uterine cervix tumor/ or vagina tumor/ or vulva tumor/</p> <p>4. (teleoncology or tele-oncology or telecolposcopy).ti,ab. or telecolposcopy.mp.</p> <p>5. telemedicine/ and colposcopy/</p> <p>6. ((expert\$ or peer\$) adj4 consult\$).ti,ab.</p> <p>7. (health care delivery/ and health service/ and health care access/ and reproductive health/) or (health care delivery/ and reproductive health/) or (health service/ and reproductive health/) or (health care access/ and reproductive health/) or (access\$ adj4 reproduct\$ adj4 service\$).mp.</p>

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Page 1 of 31

	<p>8. exp climacterium/ or "menopause and climacterium"/ or menopause/ or early menopause/ or premenopause/ or postmenopause/ or climacteric.mp. or perimenopaus\$.mp. or menopaus\$.mp. or premenopaus\$.mp. or postmenopaus\$.mp.</p> <p>9. postoperative care/ or ((postoperative or post-operative) adj3 care).mp.</p> <p>10. licensing/ or (medical adj3 licens\$).mp. or ((cross state or cross-state) adj3 licensure).mp. or confidentiality/ or informed consent/ or (consent adj3 form\$).mp. or consent.mp. or ((third party or third-party) adj3 consent).mp. or parental consent/ or prescription/ or (drug adj3 prescription\$).mp. or (online adj3 prescri\$).mp. or accreditation/ or licensing/ or certification/ or recertification/ or ((hospital or medical or nursing or pharmacy) adj3 licens\$).mp. or credentialing.mp. or certification.mp. or specialty boards.mp. or licensure.mp. or public relations/ or hospital management/ or ((hospital physician or hospital-physician) adj3 relation\$).mp. or (medical adj staff adj privilege\$).mp. or credential\$.mp. or privileg\$.mp. or insurance/ or malpractice/ or legal liability/ or (liability adj3 (insurance or malpractice or legal or professional)).mp. or liability.mp. or malpractice.mp. or ((insurance adj3 coverage) or (underwrit\$ adj3 considerat\$)).mp.</p> <p>11. family planning/ or (family adj plan\$ adj service\$).mp. or family plan\$.mp. or exp contraception/ or barrier contraception/ or emergency contraception/ or hormonal contraception/ or oral contraception/ or vagina contraception/ or contracept\$.mp. or birth control.mp. or birth control/ or abortion/ or induced abortion/ or legal abortion/ or post abortion.mp. or abortion.mp. or (pregnan\$ adj3 terminat\$).mp. or exp intrauterine contraceptive device/ or exp copper intrauterine device/ or exp levonorgestrel releasing intrauterine system/ or (intrauterine adj3 device\$).mp. or iud.mp. or long acting reversible contraception.mp.</p> <p>12. ((fertility/ or female fertility/ or (fertility adj3 female).mp. or fertil\$.mp. or infertility/ or female infertility/ or (infertil\$ or subfertil\$).mp.) not (male/ or male infertility/ or male\$1.mp. or man.mp. or men.mp.)) or time to pregnancy/ or menstrual cycle/ or menstruation/ or ((time or interval) adj3 (pregnan\$ or concept\$)).mp. or (natural adj family adj plan\$ adj method\$).mp. or menstru\$.mp. or menses.mp. or menarche.mp.</p> <p>13. exp pregnancy complication/ or amnion fluid embolism/ or exp "blood group and rhesus antagonism"/ or exp intrauterine infection/ or maternal hypertension/ or pemphigoid gestationis/ or exp pregnancy diabetes mellitus/ or exp umbilical cord complication/ or pregnancy outcome/ or exp labor/ or exp childbirth/ or labor management/ or exp labor stage/ or "trial of labor"/ or uterine cervix ripening/ or birth/ or high risk pregnancy/ or prenatal care/ or puerperium/ or perinatal care/ or exp obstetric delivery/ or exp fetal version/ or exp home delivery/ or exp instrumental delivery/ or exp labor induction/ or exp labor management/ or exp labor support/ or exp natural childbirth/ or exp obstetric anesthesia/ or exp placental delivery/ or exp tocolysis/ or exp vaginal birth after cesarean/ or exp vaginal delivery/ or exp water birth/ or exp obstetric procedure/ or exp intrapartum care/ or exp nurse midwifery/ or exp obstetric delivery/ or exp obstetric operation/ or exp perinatal care/ or exp postnatal care/ or exp prenatal care/ or exp prepregnancy care/ or (pregnan\$ adj3 (complicat\$ or outcome or high risk)).mp. or (prenat\$ or postpart\$ or post part\$ or antenat\$ or intrapart\$ or peripart\$ or puerper\$ or obstetric\$).mp. or puerperium/ or puerperal depression/ or ((postpart\$ or post-part\$ or post part) adj3 (care or period or depression)).mp. or perinatology/ or maternal fetal medicine.mp. or ((low risk or routine) adj3 (obstet\$ or pregnan\$ or prenat\$ or antepart\$)).mp. or (low risk or routine).mp.</p>
<b>Medline</b>	
Telehealth general search	<p>1. telemedicine/ or telemedicine.ti,ab. or (interactive adj3 consult\$).ti,ab. or (interactive adj3 diagnos\$).ti,ab. or (health adj3 mobile).ti,ab. or (mobile adj3 health).ti,ab. or telehealth.ti,ab. or (ehealth or e-health).ti,ab. or (mhealth or m-health).ti,ab. or (telecommunications/ and remote.ti,ab.) or remote consultation/ or (remote adj3 consult\$).ti,ab. or (remote adj3 telecommunication\$).ti,ab. or (video adj3 visit\$).ti,ab. or (remote adj3 visit\$).ti,ab. or (remote adj3 monitor\$).ti,ab. or (mobile adj3 app\$).ti,ab. or (mobile adj3 media).ti,ab. or (digital adj3 health).ti,ab. or ((smartphone\$ or smart phone\$) adj3 app\$).ti,ab. or smartphone/ or mobile</p>

	<p>applications/ or (secure adj3 message\$.ti,ab. or wearable\$.ti,ab. or (wearable\$ adj3 device\$.ti,ab. or (patient adj3 generate\$ adj3 data).ti,ab. or (distance adj3 health).ti,ab. or (connect\$ adj3 health).ti,ab. or (remote.ti,ab. and videoconferencing/) or (remote adj3 videoconferenc\$.ti,ab. or telepharmacy.ti,ab. or (telemedicine/ and (pharmacy service, hospital/ or community pharmacy services/)) or teleradiology/ or teleradiology.ti,ab. or ((radiology information systems/ or technology, radiologic/) and telemedicine/) or telepathology/ or telepathology.ti,ab. or (pathology/ and telemedicine/) or in-home.ti,ab. or (wireless adj4 monitor\$.ti,ab. or teleultraso\$.ti,ab. or tele-ultraso\$.ti,ab. or tele-radiology.ti,ab. or tele-pathology.ti,ab. or tele-pharmacy.ti,ab. or tele-medicine.ti,ab. or tele-health.ti,ab. or (virtual adj3 care).ti,ab. or (remote adj3 care).ti,ab. or (digital adj3 technolog\$.ti,ab. or (portable adj3 device\$.ti,ab. or ((phone or smartphone or smart phone) adj3 based).ti,ab. or (text adj3 messag\$.ti,ab. or ((sms adj3 messag\$) or short message service\$.ti,ab. or (tablet adj3 app\$.ti,ab. or (computers, handheld/ and mobile applications/) or (patient adj3 engage\$ adj3 app\$.ti,ab. or (virtual adj3 consult\$.ti,ab. or (virtual adj3 visit\$.ti,ab. or (virtual adj3 health\$.ti,ab.</p>
Telehealth and costs	<p>1. telemedicine/ or telemedicine.ti,ab. or (interactive adj3 consult\$.ti,ab. or (interactive adj3 diagnos\$.ti,ab. or (health adj3 mobile).ti,ab. or (mobile adj3 health).ti,ab. or telehealth.ti,ab. or (ehealth or e-health).ti,ab. or (mhealth or m-health).ti,ab. or (telecommunications/ and remote.ti,ab.) or remote consultation/ or (remote adj3 consult\$.ti,ab. or (remote adj3 telecommunication\$.ti,ab. or (video adj3 visit\$.ti,ab. or (remote adj3 visit\$.ti,ab. or (remote adj3 monitor\$.ti,ab. or (mobile adj3 app\$.ti,ab. or (mobile adj3 media).ti,ab. or (digital adj3 health).ti,ab. or ((smartphone\$ or smart phone\$) adj3 app\$.ti,ab. or smartphone/ or mobile applications/ or (secure adj3 message\$.ti,ab. or wearable\$.ti,ab. or (wearable\$ adj3 device\$.ti,ab. or (patient adj3 generate\$ adj3 data).ti,ab. or (distance adj3 health).ti,ab. or (connect\$ adj3 health).ti,ab. or (remote.ti,ab. and videoconferencing/) or (remote adj3 videoconferenc\$.ti,ab. or telepharmacy.ti,ab. or (telemedicine/ and (pharmacy service, hospital/ or community pharmacy services/)) or teleradiology/ or teleradiology.ti,ab. or ((radiology information systems/ or technology, radiologic/) and telemedicine/) or telepathology/ or telepathology.ti,ab. or (pathology/ and telemedicine/) or in-home.ti,ab. or (wireless adj4 monitor\$.ti,ab. or teleultraso\$.ti,ab. or tele-ultraso\$.ti,ab. or tele-radiology.ti,ab. or tele-pathology.ti,ab. or tele-pharmacy.ti,ab. or tele-medicine.ti,ab. or tele-health.ti,ab. or (virtual adj3 care).ti,ab. or (remote adj3 care).ti,ab. or (digital adj3 technolog\$.ti,ab. or (portable adj3 device\$.ti,ab. or ((phone or smartphone or smart phone) adj3 based).ti,ab. or (text adj3 messag\$.ti,ab. or ((sms adj3 messag\$) or short message service\$.ti,ab. or (tablet adj3 app\$.ti,ab. or (computers, handheld/ and mobile applications/) or (patient adj3 engage\$ adj3 app\$.ti,ab. or (virtual adj3 consult\$.ti,ab. or (virtual adj3 visit\$.ti,ab. or (virtual adj3 health\$.ti,ab.</p> <p>2. obstetrics/ or gynecology/ or womens health/ or women's health services/ or exp contraceptive agents, female/ or exp contraceptive devices, female/ or exp maternal health services/ or exp *pregnancy outcome/ or exp "Female Urogenital Diseases and Pregnancy Complications"/ or exp "diagnostic techniques, obstetrical and gynecological"/ or exp gynecologic surgical procedures/ or exp obstetric surgical procedures/</p> <p>3. exp economics/ or ec.fs. or exp "costs and cost analysis"/ or "cost-benefit analysis"/ or exp "health care costs"/ or cost-effectiveness.mp. or "economic analysis".mp. or (cost or costs or economic\$.ti. or (expenditure\$ not energy).mp.</p>
Telehealth and family planning	<p>1. telemedicine/ or telemedicine.ti,ab. or (interactive adj3 consult\$.ti,ab. or (interactive adj3 diagnos\$.ti,ab. or (health adj3 mobile).ti,ab. or (mobile adj3 health).ti,ab. or telehealth.ti,ab. or (ehealth or e-health).ti,ab. or (mhealth or m-health).ti,ab. or (telecommunications/ and remote.ti,ab.) or remote consultation/ or (remote adj3 consult\$.ti,ab. or (remote adj3 telecommunication\$.ti,ab. or (video adj3 visit\$.ti,ab. or (remote adj3 visit\$.ti,ab. or (remote adj3 monitor\$.ti,ab. or (mobile adj3 app\$.ti,ab. or (mobile adj3 media).ti,ab. or</p>

	<p>(digital adj3 health).ti,ab. or ((smartphone\$ or smart phone\$) adj3 app\$).ti,ab. or smartphone/ or mobile applications/ or (secure adj3 message\$).ti,ab. or wearable\$.ti,ab. or (wearable\$ adj3 device\$).ti,ab. or (patient adj3 generate\$ adj3 data).ti,ab. or (distance adj3 health).ti,ab. or (connect\$ adj3 health).ti,ab. or (remote.ti,ab. and videoconferencing/) or (remote adj3 videoconferenc\$).ti,ab. or telepharmacy.ti,ab. or (telemedicine/ and (pharmacy service, hospital/ or community pharmacy services/)) or teleradiology/ or teleradiology.ti,ab. or ((radiology information systems/ or technology, radiologic/) and telemedicine/) or telepathology/ or telepathology.ti,ab. or (pathology/ and telemedicine/) or in-home.ti,ab. or (wireless adj4 monitor\$).ti,ab. or teleultraso\$.ti,ab. or tele-ultraso\$.ti,ab. or tele-radiology.ti,ab. or tele-pathology.ti,ab. or tele-pharmacy.ti,ab. or tele-medicine.ti,ab. or tele-health.ti,ab. or (virtual adj3 care).ti,ab. or (remote adj3 care).ti,ab. or (digital adj3 technolog\$).ti,ab. or (portable adj3 device\$).ti,ab. or ((phone or smartphone or smart phone) adj3 based).ti,ab. or (text adj3 messag\$).ti,ab. or ((sms adj3 messag\$) or short message service\$).ti,ab. or (tablet adj3 app\$).ti,ab. or (computers, handheld/ and mobile applications/) or (patient adj3 engage\$ adj3 app\$).ti,ab. or (virtual adj3 consult\$).ti,ab. or (virtual adj3 visit\$).ti,ab. or (virtual adj3 health\$).ti,ab.</p> <p>2. obstetrics/ or gynecology/ or womens health/ or women's health services/ or exp contraceptive agents, female/ or exp contraceptive devices, female/ or exp maternal health services/ or exp *pregnancy outcome/ or exp "Female Urogenital Diseases and Pregnancy Complications"/ or exp "diagnostic techniques, obstetrical and gynecological"/ or exp gynecologic surgical procedures/ or exp obstetric surgical procedures/</p> <p>3. family planning.mp. or Family Planning Services/ or exp Contraception/ or Contraception, postcoital/ or Contraception, barrier/ or Contraception, behavior/ or contracept\$.mp. or abortion.mp. or exp Intrauterine devices/ or "birth control".mp. or Abortion, Induced/ or Abortion, Legal/ or (pregnancy adj3 terminat\$).mp. or post-abortion.mp.</p> <p>4. exp contraceptive agents, female/ or exp contraceptive devices, female/</p>
Telehealth and fertility/ menstrual tracking	<p>1. telemedicine/ or telemedicine.ti,ab. or (interactive adj3 consult\$).ti,ab. or (interactive adj3 diagnos\$).ti,ab. or (health adj3 mobile).ti,ab. or (mobile adj3 health).ti,ab. or telehealth.ti,ab. or (ehealth or e-health).ti,ab. or (mhealth or m-health).ti,ab. or (telecommunications/ and remote.ti,ab.) or remote consultation/ or (remote adj3 consult\$).ti,ab. or (remote adj3 telecommunication\$).ti,ab. or (video adj3 visit\$).ti,ab. or (remote adj3 visit\$).ti,ab. or (remote adj3 monitor\$).ti,ab. or (mobile adj3 app\$).ti,ab. or (mobile adj3 media).ti,ab. or (digital adj3 health).ti,ab. or ((smartphone\$ or smart phone\$) adj3 app\$).ti,ab. or smartphone/ or mobile applications/ or (secure adj3 message\$).ti,ab. or wearable\$.ti,ab. or (wearable\$ adj3 device\$).ti,ab. or (patient adj3 generate\$ adj3 data).ti,ab. or (distance adj3 health).ti,ab. or (connect\$ adj3 health).ti,ab. or (remote.ti,ab. and videoconferencing/) or (remote adj3 videoconferenc\$).ti,ab. or telepharmacy.ti,ab. or (telemedicine/ and (pharmacy service, hospital/ or community pharmacy services/)) or teleradiology/ or teleradiology.ti,ab. or ((radiology information systems/ or technology, radiologic/) and telemedicine/) or telepathology/ or telepathology.ti,ab. or (pathology/ and telemedicine/) or in-home.ti,ab. or (wireless adj4 monitor\$).ti,ab. or teleultraso\$.ti,ab. or tele-ultraso\$.ti,ab. or tele-radiology.ti,ab. or tele-pathology.ti,ab. or tele-pharmacy.ti,ab. or tele-medicine.ti,ab. or tele-health.ti,ab. or (virtual adj3 care).ti,ab. or (remote adj3 care).ti,ab. or (digital adj3 technolog\$).ti,ab. or (portable adj3 device\$).ti,ab. or ((phone or smartphone or smart phone) adj3 based).ti,ab. or (text adj3 messag\$).ti,ab. or ((sms adj3 messag\$) or short message service\$).ti,ab. or (tablet adj3 app\$).ti,ab. or (computers, handheld/ and mobile applications/) or (patient adj3 engage\$ adj3 app\$).ti,ab. or (virtual adj3 consult\$).ti,ab. or (virtual adj3 visit\$).ti,ab. or (virtual adj3 health\$).ti,ab.</p> <p>2. fertility/ or (fertility adj2 female).ti,ab. or fertil\$.ti,ab. or female infertility/ or infertility/ or (infertil\$ or subfertil\$).ti,ab.</p> <p>3. male/ or (male\$1 or man or men).ti,ab. or male infertility/</p>

	4. time-to-pregnancy/ or time-to-pregnancy.ti,ab. or menstrual cycle/ or natural family planning methods/ or menstruation/ or (menstru\$ or menses or menarche).ti,ab.
Telehealth and high-risk obstetrics	<p>1. telemedicine/ or telemedicine.ti,ab. or (interactive adj3 consult\$).ti,ab. or (interactive adj3 diagnos\$).ti,ab. or (health adj3 mobile).ti,ab. or (mobile adj3 health).ti,ab. or telehealth.ti,ab. or (ehealth or e-health).ti,ab. or (mhealth or m-health).ti,ab. or (telecommunications/ and remote.ti,ab.) or remote consultation/ or (remote adj3 consult\$).ti,ab. or (remote adj3 telecommunication\$).ti,ab. or (video adj3 visit\$).ti,ab. or (remote adj3 visit\$).ti,ab. or (remote adj3 monitor\$).ti,ab. or (mobile adj3 app\$).ti,ab. or (mobile adj3 media).ti,ab. or (digital adj3 health).ti,ab. or ((smartphone\$ or smart phone\$) adj3 app\$).ti,ab. or smartphone/ or mobile applications/ or (secure adj3 message\$).ti,ab. or wearable\$.ti,ab. or (wearable\$ adj3 device\$).ti,ab. or (patient adj3 generate\$ adj3 data).ti,ab. or (distance adj3 health).ti,ab. or (connect\$ adj3 health).ti,ab. or (remote.ti,ab. and videoconferencing/) or (remote adj3 videoconferenc\$).ti,ab. or telepharmacy.ti,ab. or (telemedicine/ and (pharmacy service, hospital/ or community pharmacy services/)) or teleradiology/ or teleradiology.ti,ab. or ((radiology information systems/ or technology, radiologic/) and telemedicine/) or telepathology/ or telepathology.ti,ab. or (pathology/ and telemedicine/) or in-home.ti,ab. or (wireless adj4 monitor\$).ti,ab. or teleultraso\$.ti,ab. or tele-ultraso\$.ti,ab. or tele-radiology.ti,ab. or tele-pathology.ti,ab. or tele-pharmacy.ti,ab. or tele-medicine.ti,ab. or tele-health.ti,ab. or (virtual adj3 care).ti,ab. or (remote adj3 care).ti,ab. or (digital adj3 technolog\$).ti,ab. or (portable adj3 device\$).ti,ab. or ((phone or smartphone or smart phone) adj3 based).ti,ab. or (text adj3 messag\$).ti,ab. or ((sms adj3 messag\$) or short message service\$).ti,ab. or (tablet adj3 app\$).ti,ab. or (computers, handheld/ and mobile applications/) or (patient adj3 engage\$ adj3 app\$).ti,ab. or (virtual adj3 consult\$).ti,ab. or (virtual adj3 visit\$).ti,ab. or (virtual adj3 health\$).ti,ab.</p> <p>2. exp pregnancy complications/ or exp pregnancy outcome/ or exp labor, obstetric/ or exp labor presentation/ or exp parturition/ or exp pregnancy, high risk/ or prenatal care/ or postpartum period/ or perinatal care/ or antenat\$.ti. or prenatal\$.ti. or antepart\$.ti. or intrapart\$.ti. or peripart\$.ti. or postpart\$.ti. or puerperium/ or puerper\$.ti. or obstetrics/ or obstetric\$.ti. or high risk pregnan\$.ti. or exp Delivery, Obstetric/</p> <p>3. (exp hypertension/ or Blood glucose self-monitoring/ or Diabetes mellitus/ or Diabetes mellitus, type 1/ or Diabetes mellitus, type 2/ or Diabet\$.ti,ab. or Monitoring, physiologic/ or Heart auscultation/ or Cardiotocography/ or Electrocardiography/ or exp hemorrhage/ or Obesity/ or Overweight/ or Weight gain/ or obes\$.ti,ab. or overweight.ti,ab. or over-weight.ti,ab. or Weight gain.ti,ab. or Patient handoff/ or Patient transfer/ or (Handoff\$ or transfer\$).ti,ab. or "Referral and Consultation"/) and (exp pregnancy complications/ or exp pregnancy outcome/ or exp labor, obstetric/ or exp labor presentation/ or exp parturition/ or exp pregnancy, high risk/ or prenatal care/ or postpartum period/ or perinatal care/ or antenat\$.ti. or prenatal\$.ti. or antepart\$.ti. or intrapart\$.ti. or peripart\$.ti. or postpart\$.ti. or puerperium/ or puerper\$.ti. or obstetrics/ or obstetric\$.ti. or high risk pregnan\$.ti. or exp Delivery, Obstetric/ or pregnancy/)</p> <p>4. Perinatal mortality/ or exp pregnancy complications/ or pregnancy, high risk/ or exp puerperal disorders/ or high risk pregnan\$.ti,ab. or hypertension, pregnancy induced/ or pregnancy induced hypertension.ti,ab. or hemolysis elevated liver.ti,ab. or gestosis.ti,ab. or pih.ti,ab. or hellp.ti,ab. or preeclamp\$.ti,ab. or pre-eclamp.ti,ab. or eclamp\$.ti,ab. or Hellp syndrome/ or Pre-eclampsia/ or Eclampsia/ or Pregnancy in diabetics/ or Diabetes, gestational/ or (Gestational adj4 diab\$).ti,ab. or Fetal monitoring/ or Heart rate, fetal/ or (Heart rate/ and fetal heart/) or Fetal heart/ or Antenatal surveillance.ti,ab. or Antepartum surveillance.ti,ab. or Fetal movement.ti,ab. or Kick count\$.ti,ab. or exp Prenatal Diagnosis/ or Nonstress test\$.ti,ab. or non-stress test\$.ti,ab. or Uterine contraction/ or Postpartum hemorrhage/ or (Postpartum period/ and exp hemorrhage/) or ((obstetric\$ or postpart\$ or post-part\$ or peri-part\$ or peripart\$ or puerper\$ or intrapart\$</p>

	<p>or intra-part\$) adj2 (hemorrhag\$ or haemorrhag\$ or bleed\$)).ti. or Infectious disease transmission, vertical/</p> <p>5. (Rural Health/ or Hospitals, Rural/ or Rural Population/ or Rural Health Services/ or rural\$.ti,ab.) and (exp pregnancy complications/ or exp pregnancy outcome/ or exp labor, obstetric/ or exp labor presentation/ or exp parturition/ or exp pregnancy, high risk/ or prenatal care/ or postpartum period/ or perinatal care/ or antenat\$.ti. or prenatal\$.ti. or antepart\$.ti. or intrapart\$.ti. or peripart\$.ti. or postpart\$.ti. or puerperium/ or puerper\$.ti. or obstetrics/ or obstetric\$.ti. or high risk pregnan\$.ti. or exp Delivery, Obstetric/ or pregnancy/)</p> <p>6. (teleultraso\$ or tele-ultraso\$ or telesonogr\$ or tele-sonogr\$).ti,ab. and (exp pregnancy complications/ or exp pregnancy outcome/ or exp labor, obstetric/ or exp labor presentation/ or exp parturition/ or exp pregnancy, high risk/ or prenatal care/ or postpartum period/ or perinatal care/ or antenat\$.ti. or prenatal\$.ti. or antepart\$.ti. or intrapart\$.ti. or peripart\$.ti. or postpart\$.ti. or puerperium/ or puerper\$.ti. or obstetrics/ or obstetric\$.ti. or high risk pregnan\$.ti. or exp Delivery, Obstetric/ or pregnancy/)</p>
Telehealth and low-risk obstetrics	<p>1. telemedicine/ or telemedicine.ti,ab. or (interactive adj3 consult\$).ti,ab. or (interactive adj3 diagnos\$).ti,ab. or (health adj3 mobile).ti,ab. or (mobile adj3 health).ti,ab. or telehealth.ti,ab. or (ehealth or e-health).ti,ab. or (mhealth or m-health).ti,ab. or (telecommunications/ and remote.ti,ab.) or remote consultation/ or (remote adj3 consult\$).ti,ab. or (remote adj3 telecommunication\$).ti,ab. or (video adj3 visit\$).ti,ab. or (remote adj3 visit\$).ti,ab. or (remote adj3 monitor\$).ti,ab. or (mobile adj3 app\$).ti,ab. or (mobile adj3 media).ti,ab. or (digital adj3 health).ti,ab. or ((smartphone\$ or smart phone\$) adj3 app\$).ti,ab. or smartphone/ or mobile applications/ or (secure adj3 message\$).ti,ab. or wearable\$.ti,ab. or (wearable\$ adj3 device\$).ti,ab. or (patient adj3 generate\$ adj3 data).ti,ab. or (distance adj3 health).ti,ab. or (connect\$ adj3 health).ti,ab. or (remote.ti,ab. and videoconferencing/) or (remote adj3 videoconferenc\$).ti,ab. or telepharmacy.ti,ab. or (telemedicine/ and (pharmacy service, hospital/ or community pharmacy services/)) or teleradiology/ or teleradiology.ti,ab. or ((radiology information systems/ or technology, radiologic/) and telemedicine/) or telepathology/ or telepathology.ti,ab. or (pathology/ and telemedicine/) or in-home.ti,ab. or (wireless adj4 monitor\$).ti,ab. or teleultraso\$.ti,ab. or tele-ultraso\$.ti,ab. or tele-radiology.ti,ab. or tele-pathology.ti,ab. or tele-pharmacy.ti,ab. or tele-medicine.ti,ab. or tele-health.ti,ab. or (virtual adj3 care).ti,ab. or (remote adj3 care).ti,ab. or (digital adj3 technolog\$).ti,ab. or (portable adj3 device\$).ti,ab. or ((phone or smartphone or smart phone) adj3 based).ti,ab. or (text adj3 messag\$).ti,ab. or ((sms adj3 messag\$) or short message service\$).ti,ab. or (tablet adj3 app\$).ti,ab. or (computers, handheld/ and mobile applications/) or (patient adj3 engage\$ adj3 app\$).ti,ab. or (virtual adj3 consult\$).ti,ab. or (virtual adj3 visit\$).ti,ab. or (virtual adj3 health\$).ti,ab.</p> <p>2. exp pregnancy complications/ or exp pregnancy outcome/ or exp labor, obstetric/ or exp labor presentation/ or exp parturition/ or exp pregnancy, high risk/ or prenatal care/ or postpartum period/ or perinatal care/ or antenat\$.ti. or prenatal\$.ti. or antepart\$.ti. or intrapart\$.ti. or peripart\$.ti. or postpart\$.ti. or puerperium/ or puerper\$.ti. or obstetrics/ or obstetric\$.ti. or high risk pregnan\$.ti. or exp Delivery, Obstetric/</p> <p>3. postpartum care/ or postpartum period/ or Depression, Postpartum/ or postpart\$.ti,ab.</p> <p>4. (high risk pregnan\$.ti. or exp pregnancy, high risk/ or Perinatology/ or maternal fetal medicine.ti,ab.) and ("Referral and Consultation"/ or (referral\$ or consult\$).ti,</p> <p>5. ((prenatal care/ or perinatal care/ or obstetrics/ or maternal health services/) and (low risk or routine).ti,ab.) or ((Low risk or routine) adj3 (obstet\$ or pregnan\$ or prenatal\$ or antepart\$)).ti,ab.</p> <p>6. exp cesarean section/ or Vaginal birth after cesarean/ or (Cesarean or caesarean or cesarian or caesarian).ti,ab.</p> <p>7. (Wound Healing/ or Wound Infection/ or Surgical Wound Infection/ or Wound\$.ti,ab. or Postoperative care/ or Postoperative period/) and (exp pregnancy complications/ or exp pregnancy outcome/ or exp labor,</p>

	<p>obstetric/ or exp labor presentation/ or exp parturition/ or exp pregnancy, high risk/ or prenatal care/ or postpartum period/ or perinatal care/ or antenat\$.ti. or prenatal\$.ti. or antepart\$.ti. or intrapart\$.ti. or peripart\$.ti. or postpart\$.ti. or puerperium/ or puerper\$.ti. or obstetrics/ or obstetric\$.ti. or high risk pregnan\$.ti. or exp Delivery, Obstetric/)</p> <p>8. (exp hypertension/ or Blood Pressure/ or Monitoring, Physiologic/ or Blood Pressure Monitoring, Ambulatory/ or Blood Pressure Determination/) and (exp pregnancy complications/ or exp pregnancy outcome/ or exp labor, obstetric/ or exp labor presentation/ or exp parturition/ or exp pregnancy, high risk/ or prenatal care/ or postpartum period/ or perinatal care/ or antenat\$.ti. or prenatal\$.ti. or antepart\$.ti. or intrapart\$.ti. or peripart\$.ti. or postpart\$.ti. or puerperium/ or puerper\$.ti. or obstetrics/ or obstetric\$.ti. or high risk pregnan\$.ti. or exp Delivery, Obstetric/ or pregnancy/))17. (Weight gain/ or Weight gain.ti,ab. or Weight loss/ or Weight loss.ti,ab.) and (exp pregnancy complications/ or exp pregnancy outcome/ or exp labor, obstetric/ or exp labor presentation/ or exp parturition/ or exp pregnancy, high risk/ or prenatal care/ or postpartum period/ or perinatal care/ or antenat\$.ti. or prenatal\$.ti. or antepart\$.ti. or intrapart\$.ti. or peripart\$.ti. or postpart\$.ti. or puerperium/ or puerper\$.ti. or obstetrics/ or obstetric\$.ti. or high risk pregnan\$.ti. or exp Delivery, Obstetric/ or pregnancy/)</p> <p>9. ((Heart auscultation/ or Cardiotocography/ or Electrocardiography/) and (exp pregnancy complications/ or exp pregnancy outcome/ or exp labor, obstetric/ or exp labor presentation/ or exp parturition/ or exp pregnancy, high risk/ or prenatal care/ or postpartum period/ or perinatal care/ or antenat\$.ti. or prenatal\$.ti. or antepart\$.ti. or intrapart\$.ti. or peripart\$.ti. or postpart\$.ti. or puerperium/ or puerper\$.ti. or obstetrics/ or obstetric\$.ti. or high risk pregnan\$.ti. or exp Delivery, Obstetric/ or pregnancy/)) or (Fetal monitoring/ or Heart rate, fetal/ or (Heart rate/ and fetal heart/) or Fetal heart/ or Antenatal surveillance.ti,ab. or Antepartum surveillance.ti,ab.)</p> <p>10. (Fetal movement or Kick count\$.ti,ab. or Uterine contraction/</p> <p>11. lactation/ or exp lactation disorders/ or breast feeding/ or ((breastfeed\$ or breast feed\$ or lactation or lactating) adj3 (support\$ or consult\$)).ti,ab.</p> <p>12. ((ultrasonography/ or (ultraso\$ or sonogr\$).ti,ab. or (teleultraso\$ or tele-ultraso\$ or telesonogr\$ or tele-sonogr\$).ti,ab.) and (exp pregnancy complications/ or exp pregnancy outcome/ or exp labor, obstetric/ or exp labor presentation/ or exp parturition/ or exp pregnancy, high risk/ or prenatal care/ or postpartum period/ or perinatal care/ or antenat\$.ti. or prenatal\$.ti. or antepart\$.ti. or intrapart\$.ti. or peripart\$.ti. or postpart\$.ti. or puerperium/ or puerper\$.ti. or obstetrics/ or obstetric\$.ti. or high risk pregnan\$.ti. or exp Delivery, Obstetric/ or pregnancy/)) or exp ultrasonography, prenatal/</p> <p>13. ((Blood glucose self-monitoring/ or Diabetes mellitus/ or Diabetes mellitus, type 1/ or Diabetes mellitus, type 2/ or Diabet\$.ti,ab.) and (exp pregnancy complications/ or exp pregnancy outcome/ or exp labor, obstetric/ or exp labor presentation/ or exp parturition/ or exp pregnancy, high risk/ or prenatal care/ or postpartum period/ or perinatal care/ or antenat\$.ti. or prenatal\$.ti. or antepart\$.ti. or intrapart\$.ti. or peripart\$.ti. or postpart\$.ti. or puerperium/ or puerper\$.ti. or obstetrics/ or obstetric\$.ti. or high risk pregnan\$.ti. or exp Delivery, Obstetric/ or pregnancy/)) or (Diabetes, gestational/ or (Gestational adj4 diab\$).ti,ab.)</p> <p>14. (Patient Education as Topic/ or counseling/ or (educat\$ or counsel\$).ti,ab.) and (exp pregnancy complications/ or exp pregnancy outcome/ or exp labor, obstetric/ or exp labor presentation/ or exp parturition/ or exp pregnancy, high risk/ or prenatal care/ or postpartum period/ or perinatal care/ or antenat\$.ti. or prenatal\$.ti. or antepart\$.ti. or intrapart\$.ti. or peripart\$.ti. or postpart\$.ti. or puerperium/ or puerper\$.ti. or obstetrics/ or obstetric\$.ti. or high risk pregnan\$.ti. or exp Delivery, Obstetric/)</p> <p>15. (prenatal care/ or perinatal care/ or obstetrics/ or maternal health services/ or (antenatal care or prenatal care or antepartum care or peripartum care or perinatal care or (obstetric\$ adj care)).ti,ab.) not (pregnancy, high risk/ or high risk pregnan\$.ti,ab</p>
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Telehealth other considerations	<p>1. telemedicine/ or telemedicine.ti,ab. or (interactive adj3 consult\$).ti,ab. or (interactive adj3 diagnos\$).ti,ab. or (health adj3 mobile).ti,ab. or (mobile adj3 health).ti,ab. or telehealth.ti,ab. or (ehealth or e-health).ti,ab. or (mhealth or m-health).ti,ab. or (telecommunications/ and remote.ti,ab.) or remote consultation/ or (remote adj3 consult\$).ti,ab. or (remote adj3 telecommunication\$).ti,ab. or (video adj3 visit\$).ti,ab. or (remote adj3 visit\$).ti,ab. or (remote adj3 monitor\$).ti,ab. or (mobile adj3 app\$).ti,ab. or (mobile adj3 media).ti,ab. or (digital adj3 health).ti,ab. or ((smartphone\$ or smart phone\$) adj3 app\$).ti,ab. or smartphone/ or mobile applications/ or (secure adj3 message\$).ti,ab. or wearable\$.ti,ab. or (wearable\$ adj3 device\$).ti,ab. or (patient adj3 generate\$ adj3 data).ti,ab. or (distance adj3 health).ti,ab. or (connect\$ adj3 health).ti,ab. or (remote.ti,ab. and videoconferencing/) or (remote adj3 videoconferenc\$).ti,ab. or telepharmacy.ti,ab. or (telemedicine/ and (pharmacy service, hospital/ or community pharmacy services/)) or teleradiology/ or teleradiology.ti,ab. or ((radiology information systems/ or technology, radiologic/) and telemedicine/) or telepathology/ or telepathology.ti,ab. or (pathology/ and telemedicine/) or in-home.ti,ab. or (wireless adj4 monitor\$).ti,ab. or teleultraso\$.ti,ab. or tele-ultraso\$.ti,ab. or tele-radiology.ti,ab. or tele-pathology.ti,ab. or tele-pharmacy.ti,ab. or tele-medicine.ti,ab. or tele-health.ti,ab. or (virtual adj3 care).ti,ab. or (remote adj3 care).ti,ab. or (digital adj3 technolog\$).ti,ab. or (portable adj3 device\$).ti,ab. or ((phone or smartphone or smart phone) adj3 based).ti,ab. or (text adj3 messag\$).ti,ab. or ((sms adj3 messag\$) or short message service\$).ti,ab. or (tablet adj3 app\$).ti,ab. or (computers, handheld/ and mobile applications/) or (patient adj3 engage\$ adj3 app\$).ti,ab. or (virtual adj3 consult\$).ti,ab. or (virtual adj3 visit\$).ti,ab. or (virtual adj3 health\$).ti,ab.</p> <p>2. obstetrics/ or gynecology/ or womens health/ or women's health services/ or exp contraceptive agents, female/ or exp contraceptive devices, female/ or exp maternal health services/ or exp *pregnancy outcome/ or exp "Female Urogenital Diseases and Pregnancy Complications"/ or exp "diagnostic techniques, obstetrical and gynecological"/ or exp gynecologic surgical procedures/ or exp obstetric surgical procedures/</p> <p>3. (gynecol\$ adj3 (oncol\$ or neoplasm\$ or cancer\$)).ti,ab. or genital neoplasms, female/ or fallopian tube neoplasms/ or uterine neoplasms/ or endometrial neoplasms/ or carcinoma, endometrioid/ or uterine cervical neoplasms/ or vaginal neoplasms/ or vulvar neoplasms/</p> <p>4. ((expert\$ adj4 consult\$) or (peer\$ adj4 consult\$)).ti,ab.</p> <p>5. (exp Reproductive Health Services/ and exp Health Services Accessibility/) or (access\$ adj4 reproduct\$ adj4 service\$).ti,ab.</p> <p>6. licensure, medical/ or ((cross state or cross-state) adj3 licensure).ti,ab. or Confidentiality/ or Informed Consent/ or Consent Forms/ or consent.mp. or (online adj3 prescri\$).ti,ab. or credentialing/ or certification/ or specialty boards/ or licensure/ or licensure, hospital/ or licensure, medical/ or licensure, nursing/ or licensure, pharmacy/ or hospital-physician relations/ or medical staff privileges/ or (credential\$ or privileg\$).ti,ab. or Insurance, Liability/ or Malpractice/ or Liability, Legal/ or (liability or malpractice).ti,ab. or Insurance Coverage/ or (insurance adj3 coverage).ti,ab. or (underwrit\$ adj3 considerat\$).ti,ab.</p> <p>7. ((exp climacteric/ or (perimenopaus\$ or menopaus\$ or premenopaus\$ or postmenopaus\$).mp.) and ((urogenital symptom\$ or dyspareunia or (vaginal adj (dryness or atrophy)) or (kupperman\$ or blatt kupperman\$) or (urinary adj (incontinence or frequency))).mp. or sweating/ or night sweat\$.mp. or (flash\$ or flush\$).mp. or vasomotor.mp. or ((premenopaus\$ or perimenopaus\$ or postmenopaus\$ or menopaus\$ or climacteric) adj3 symptom\$).mp. or atrophic vaginitis.mp.)) or hot flashes/</p> <p>8. global health/ or (world adj3 health).ti,ab. or (global adj3 health).ti,ab. or (international adj3 health).ti,ab.</p>
Pubmed	



All levels:	<p>((ultraso*[tiab] AND (prenat*[tiab] OR antenat*[tiab] OR pregnan*[tiab])) OR (pregnan*[ti] OR parturition[tiab] OR prenat*[tiab] OR postpart*[tiab] OR perinat*[tiab] OR antenat*[tiab] OR antepart*[tiab] OR intrapart*[tiab] OR peripart*[tiab] OR puerper*[tiab] OR obstet*[ti] OR gynecol*[tiab] OR gynaecol*[tiab] OR women's health[tiab] OR contracept*[tiab] OR maternal health[tiab] OR pelvic floor[tiab] OR menstru*[tiab] OR menses[tiab] OR menarche[tiab] OR fertil*[tiab] OR infertil*[tiab] OR family planning[tiab] OR Abortion[tiab] OR Pregnancy terminat*[tiab] OR Fetal heart[tiab] OR Preeclamp*[tiab] OR Pre-eclamp*[tiab] OR Eclamp*[tiab] OR Gestational hypertension[tiab] OR Gestational diabet*[tiab] OR high risk pregnan*[tiab] OR high risk Obstet*[tiab] OR low risk pregnan*[tiab] OR low risk Obstet*[tiab] OR maternal*[ti] OR cesarean[tiab] OR caesarean[tiab] OR cesarian[tiab] OR caesarian[tiab] OR reproductive[ti] OR gynecologic oncol*[tiab] OR gynaecologic oncol*[tiab] OR colposcop*[tiab] OR menopaus*[tiab] OR perimenopaus*[tiab] OR postmenopaus*[tiab])) AND (telemedicine[tiab] OR tele-medicine[tiab] OR interactive consult*[tiab] OR mobile health[tiab] OR telehealth[tiab] OR tele-health[tiab] OR ehealth[tiab] OR e-health[tiab] OR mhealth[tiab] OR m-health[tiab] OR remote consult*[tiab] OR remote telecommunication*[tiab] OR video visit*[tiab] OR remote visit*[tiab] OR remote monitor*[tiab] OR mobile app*[tiab] OR mobile media[tiab] OR digital health[tiab] OR smartphone[tiab] OR smart phone[tiab] OR secure message*[tiab] OR wearable*[tiab] OR patient generated data[tiab] OR distance health[tiab] OR connected health[tiab] OR videoconferenc*[tiab] OR video-conferenc*[tiab] OR telepharmac*[tiab] OR telepharmac*[tiab] OR teleradiol*[tiab] OR tele-radiol*[tiab] OR telepathol*[tiab] OR tele-pathol*[tiab] OR in home[tiab] OR wireless monitor*[tiab] OR teleultraso*[tiab] OR tele-ultraso*[tiab] OR virtual care[tiab] OR remote care[tiab] OR portable device*[tiab] OR phone based[tiab] OR text messag*[tiab] OR sms messag*[tiab] OR sms service*[tiab] OR short message service*[tiab] OR tablet computer*[tiab] OR tablet app*[tiab] OR app[tiab] OR apps[tiab] OR virtual consult*[tiab] OR virtual visit*[tiab] OR virtual health[tiab]) AND english[la] AND (publisher[sb] OR inprocess[sb]) AND (meta analysis[tiab] OR meta-analysis[tiab] OR systematic review[tiab] OR quantitative review[tiab] OR quantitative overview[tiab] OR randomized controlled[tiab] OR randomized control[tiab] OR randomised controlled[tiab] OR randomised control[tiab] OR clinical trial[tiab] OR cohort[tiab] OR case control[tiab] OR case-control[tiab] OR cross sectional[tiab] OR cross-sectional[tiab] OR prospective study[tiab] OR prospective studies[tiab] OR non randomised[tiab] OR non-randomised[tiab] OR non randomized[tiab] OR non-randomized[tiab] OR guideline[tiab] OR guidelines[tiab] OR review[tiab] OR standard[tiab] OR standards[tiab] OR consensus[tiab] OR recommendation statement*[tiab] OR committee opinion*[tiab]))</p>
No levels:	<p>((ultraso*[tiab] AND (prenat*[tiab] OR antenat*[tiab] OR pregnan*[tiab])) OR (pregnan*[ti] OR parturition[tiab] OR prenat*[tiab] OR postpart*[tiab] OR perinat*[tiab] OR antenat*[tiab] OR antepart*[tiab] OR intrapart*[tiab] OR peripart*[tiab] OR puerper*[tiab] OR obstet*[ti] OR gynecol*[tiab] OR gynaecol*[tiab] OR women's health[tiab] OR contracept*[tiab] OR maternal health[tiab] OR pelvic floor[tiab] OR menstru*[tiab] OR menses[tiab] OR menarche[tiab] OR fertil*[tiab] OR infertil*[tiab] OR family planning[tiab] OR Abortion[tiab] OR Pregnancy terminat*[tiab] OR Fetal heart[tiab] OR Preeclamp*[tiab] OR Pre-eclamp*[tiab] OR Eclamp*[tiab] OR Gestational hypertension[tiab] OR Gestational diabet*[tiab] OR high risk pregnan*[tiab] OR high risk Obstet*[tiab] OR low risk pregnan*[tiab] OR low risk Obstet*[tiab] OR maternal*[ti] OR cesarean[tiab] OR caesarean[tiab] OR cesarian[tiab] OR caesarian[tiab] OR reproductive[ti] OR gynecologic oncol*[tiab] OR gynaecologic oncol*[tiab] OR colposcop*[tiab] OR menopaus*[tiab] OR perimenopaus*[tiab] OR postmenopaus*[tiab])) AND (telemedicine[tiab] OR tele-medicine[tiab] OR interactive consult*[tiab] OR mobile health[tiab] OR telehealth[tiab] OR tele-health[tiab] OR ehealth[tiab] OR e-health[tiab] OR mhealth[tiab] OR m-health[tiab] OR remote consult*[tiab] OR remote telecommunication*[tiab] OR video visit*[tiab] OR remote visit*[tiab] OR remote monitor*[tiab] OR mobile app*[tiab] OR mobile media[tiab] OR digital health[tiab] OR smartphone[tiab] OR smart phone[tiab] OR</p>

	secure message*[tiab] OR wearable*[tiab] OR patient generated data[tiab] OR distance health[tiab] OR connected health[tiab] OR videoconferenc*[tiab] OR video-conferenc*[tiab] OR telepharmac*[tiab] OR telepharmac*[tiab] OR teleradiol*[tiab] OR tele-radiol*[tiab] OR telepathol*[tiab] OR tele-pathol*[tiab] OR in home[tiab] OR wireless monitor*[tiab] OR teleultraso*[tiab] OR tele-ultraso*[tiab] OR virtual care[tiab] OR remote care[tiab] OR portable device*[tiab] OR phone based[tiab] OR text messag*[tiab] OR sms messag*[tiab] OR sms service*[tiab] OR short message service*[tiab] OR tablet computer*[tiab] OR tablet app*[tiab] OR app[tiab] OR apps[tiab] OR virtual consult*[tiab] OR virtual visit*[tiab] OR virtual health[tiab]) AND english[la] AND (publisher[sb] OR inprocess[sb])) NOT (meta analysis[tiab] OR meta-analysis[tiab] OR systematic review[tiab] OR quantitative review[tiab] OR quantitative overview[tiab] OR randomized controlled[tiab] OR randomized control[tiab] OR randomised controlled[tiab] OR randomised control[tiab] OR clinical trial[tiab] OR cohort[tiab] OR case control[tiab] OR case-control[tiab] OR cross sectional[tiab] OR cross-sectional[tiab] OR prospective study[tiab] OR prospective studies[tiab] OR non randomised[tiab] OR non-randomised[tiab] OR non randomized[tiab] OR non-randomized[tiab] OR guideline[tiab] OR guidelines[tiab] OR review[tiab] OR standard[tiab] OR standards[tiab] OR consensus[tiab] OR recommendation statement*[tiab] OR committee opinion*[tiab])
	<b>Cochrane</b>
	obstetrics or gynecology or women's health or women's health services or prenatal care or preconception care or perinatal care or maternal health services or obstetric surgical procedures or contraceptive devices, female or genital diseases, female or pregnancy complications or obstetrics and gynecology department, hospital or gynecologic surgical procedures or Gynecology [tiab] OR [tiab] obstetric smartphone or mobile applications or videoconferencing or remote consultation or telemedicine or telehealth or mobile health or mobile app or text message [tiab] OR virtual (health or visit [tiab] OR consult [tiab]) or e-health or ehealth or mhealth or m-health or "interactive diagnos [tiab])

## Appendix 2. Low-risk obstetrics risk of bias.

	a.	b.	c.	d.	e.	f.	g.	
Abroms 2017	+	+	-	?	-	+	+	<b>Cochrane Collaboration's tool:</b> a. Random sequence generation (selection bias) b. Allocation concealment (selection bias) c. Blinding of participants and personnel (performance bias) d. Blinding of outcome assessment (detection bias) e. Incomplete outcome data (attrition bias) f. Selective reporting (reporting bias) g. Other bias  Low risk of bias Unclear risk of bias High risk of bias
Tsoh 2010	+	-	-	-	+	+	+	
Evans 2014	+	-	+	-	-	?	+	
Naughton 2017	+	+	-	+	-	+	+	
Yudin 2017	+	+	+	-	+	+	+	
Stockwell 2014	+	+	+	+	+	+	+	
Moniz 2013	+	+	+	+	+	+	+	
Dodd 2017	+	+	-	-	-	+	+	
Graham 2017	+	+	?	?	-	+	+	
Herring 2016	+	+	+	?	+	+	+	
Huberty 2017	+	+	+	?	+	+	+	
Fjeldsoe 2010	+	+	+	+	+	+	?	
Gilmore 2017	?	-	-	?	+	+	?	
Herring 2017	+	+	+	+	+	+	?	
Phelan 2017	+	?	-	+	+	+	+	
Ahmed 2016	+	+	-	-	-	+	+	
Jiang 2014	?	?	-	?	+	+	?	
Redman, 2017	+	+	-	+	+	+	+	
Choi, 2016	+	+	+	+	+	+	+	
	h.	i.	j.	k.	l.	m.	n.	
Van der plight 2017	+	-	+	-	-	-	+	<b>ROBINS-I tool:</b> h. Bias due to confounding i. Bias in selection of participants into the study j. Bias in classification of interventions k. Bias due to deviations from intended interventions l. Bias due to missing data m. Bias in measurement of outcomes n. Bias in selection of the reported results
Gallegos 2014	-	-	?	?	+	+	+	

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### Appendix 3. High-risk obstetrics risk of bias.

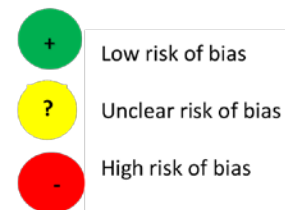
	a.	b.	c.	d.	e.	f.	g.
Caballero-Ruiz 2017	-	?	?	?	-	+	+
Calle-Pascual 2010	-	-	-	-	?	?	+
diBiase 1997	-	+	-	?	-	-	+
Homko 2012	-	?	+	+	?	+	?
Homko 2007	-	?	-	-	-	?	+
Ladzynski 2007	?	-	-	?	?	?	+
PerezFerre 2010	-	-	?	+	-	-	-
Reece 1992	-	-	+	+	+	?	+
Skjoth 2015	+	+	+	+	-	+	-
Mackillop, 2018	+	+	+	+	+	+	+
Miremberg, Zairina 2016	+	+	-	+	+	+	+
Hirshberg, 2018	+	+	-	+	+	+	+

	h.	i.	j.	k.	l.	m.	n.
Dalfr 2009	-	-	-	?	?	?	?
Lanssens 2017	-	-	-	-	-	?	?

#### Cochrane Collaboration's tool:

- a. Random sequence generation (selection bias)
- b. Allocation concealment (selection bias)
- c. Blinding of participants and personnel (performance bias)
- d. Blinding of outcome assessment (detection bias)
- e. Incomplete outcome data (attrition bias)
- f. Selective reporting (reporting bias)
- g. Other bias



#### ROBINS-I tool:

- h. Bias due to confounding
- i. Bias in selection of participants into the study
- j. Bias in classification of interventions
- k. Bias due to deviations from intended interventions
- l. Bias due to missing data
- m. Bias in measurement of outcomes
- n. Bias in selection of the reported results

## Appendix 4. Family planning risk of bias.

	a.	b.	c.	d.	e.	f.	g.	
Bracken 2014								<b>Cochrane Collaboration's tool:</b> a. Random sequence generation (selection bias) b. Allocation concealment (selection bias) c. Blinding of participants and personnel (performance bias) d. Blinding of outcome assessment (detection bias) e. Incomplete outcome data (attrition bias) f. Selective reporting (reporting bias) g. Other bias <div>  Low risk of bias   Unclear risk of bias   High risk of bias </div>
Buchanan 2017								
Bull 2016								
Castano 2012								
Chernick 2017								
Hou 2010								
Trent 2015								
Tsur 2008								
Wilkinson 2017								
	h.	i.	j.	k.	l.	m.	n.	
Grossman 2017								<b>ROBINS-I tool:</b> h. Bias due to confounding i. Bias in selection of participants into the study j. Bias in classification of interventions k. Bias due to deviations from intended interventions l. Bias due to missing data m. Bias in measurement of outcomes n. Bias in selection of the reported results
Grossman 2011								
Grossman 2013								
Thiel de Bocanegra, 2017								

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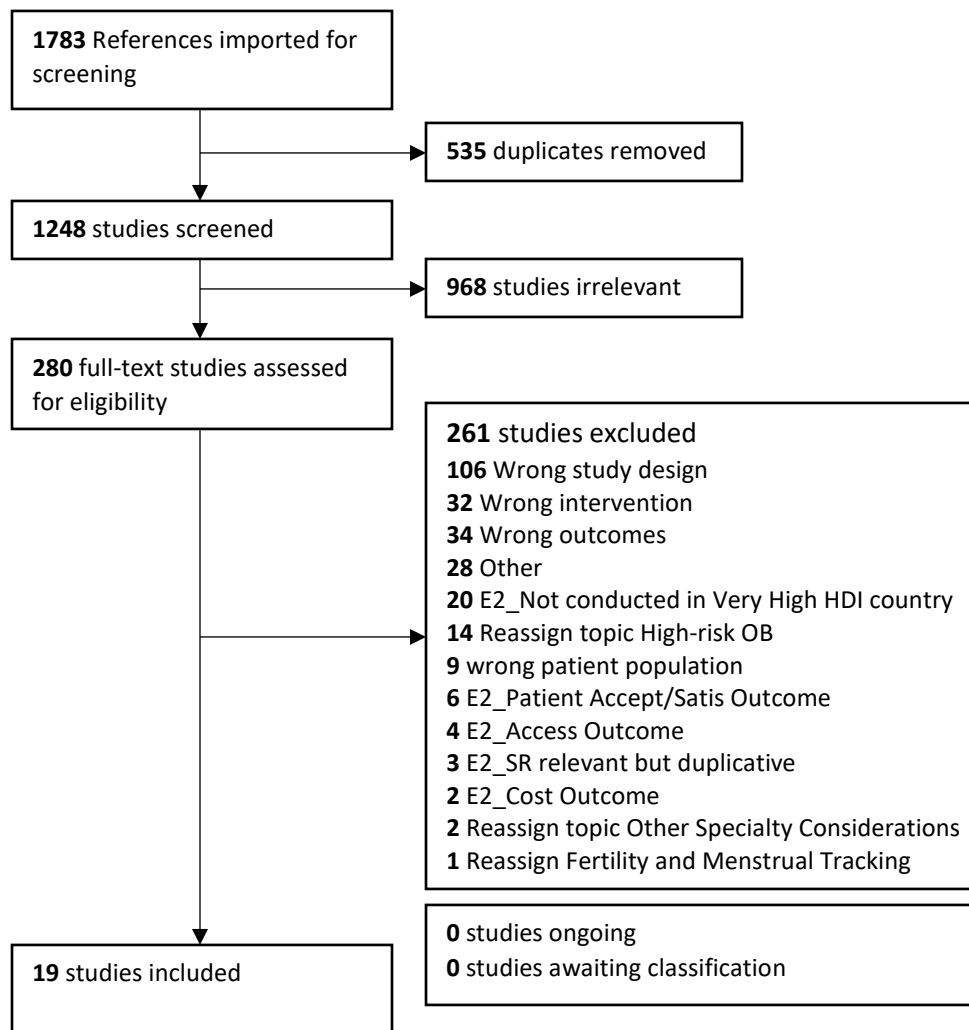
## Appendix 5. Gynecology risk of bias.

	a.	b.	c.	d.	e.	f.	g.	
Asklund 2017	?	+	-	+	+	+	+	a. Random sequence generation (selection bias)
Hoffman 2017	?	+	-	+	+	+	+	b. Allocation concealment (selection bias)
Reed 2014	+	?	?	?	+	+	+	c. Blinding of participants and personnel (performance bias)
								d. Blinding of outcome assessment (detection bias)
								e. Incomplete outcome data (attrition bias)
								f. Selective reporting (reporting bias)
								g. Other bias



Low risk of bias  
Unclear risk of bias  
High risk of bias

## Appendix 6. Low-risk OB.



**Appendix 7. Summary of Evidence by Key Question, KQ1: Is Telemedicine an Effective Adjunct or Alternative to Standard of Care for Improving Low-Risk Obstetrics Outcomes?**

No. of Studies, Study Design, (No. of Participants)	Summary of Findings by Outcome	Consistency and Precision	Body of Evidence Limitations	Applicability
KQ1a: Effectiveness of text messaging program vs. standard of care on smoking cessation outcomes				
<p>4 RCTs (n=1,889)</p> <p>Abroms 2017 Tsoh 2010 Evans 2014 Naughton 2017</p>	<p>2 studies demonstrated a significant difference in smoking abstinence at 1 month. 2 others showed decreased overall smoking but no difference in abstinence.</p> <p>1 trial reported fewer patients in intervention group not smoking in the past 7 days at 3 months. This same study showed no differences in biochemical verification of smoking at 3 months.</p> <p>1 study showed intervention participants were more likely to receive provider advice on tobacco use (60.9 vs. 15.8%).</p>	<p>Reasonably consistent</p> <p>Reasonably precise</p>	<p>Loss to follow-up (LTF) was high at 28-59.50%.</p> <p>There was inconsistent and unclear blinding and allocation in all studies</p> <p>Reporting bias was undetected</p>	<p>Studies conducted in US and England</p> <p>Applicable to US healthcare system</p>

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KQ1b: Effectiveness of text messages encouraging influenza vaccination vs. standard of care for increasing influenza vaccination				
3 RCTs (n =1,638)  Yudin, 2017 Stockwell Westhoff, 2014 Moniz, 2013	1 study reported a statistically significant increase in flu vaccination with the largest effect in women early in the third trimester (AOR=1.88; 95% CI=1.12, 3.15).  2 studies did not show a statistically significant increase in flu vaccination. Overall uptake of the vaccine was lower in these studies (27-33%).	Inconsistent  Reasonably precise	Heterogeneity in age  Reporting bias undetected	Studies conducted in US and Canada  Applicable to US healthcare system and population
KQ1c: Effectiveness of personalized health intervention via telephone vs. standard of care in pregnancy wellness outcomes.				
10 RCTs, 1 case-control (n =2,384)  RCTs: Graham, 2017 Herring, 2016 Dodd, 2017 Huberty, 2017 Fjeldsoe, 2010 Gilmore, 2017 Phelan, 2017 Herring, 2017 Redman, 2017 Choi, 2016	There was no significant additional benefit from the provision of the smartphone application in improving healthy eating index score (p = 0.452).  One RCT found that the intervention reduced the proportion of women who	Reasonably consistent  Reasonably precise/Imprecise	Heterogeneity in LTF 6-38% and sample size 40-1335  Small sample sized trials not powered sufficiently to detect meaningful changes between the intervention and control groups.  Reliance on self-completed	Studies conducted in US and Australia  Applicable to US healthcare system and population

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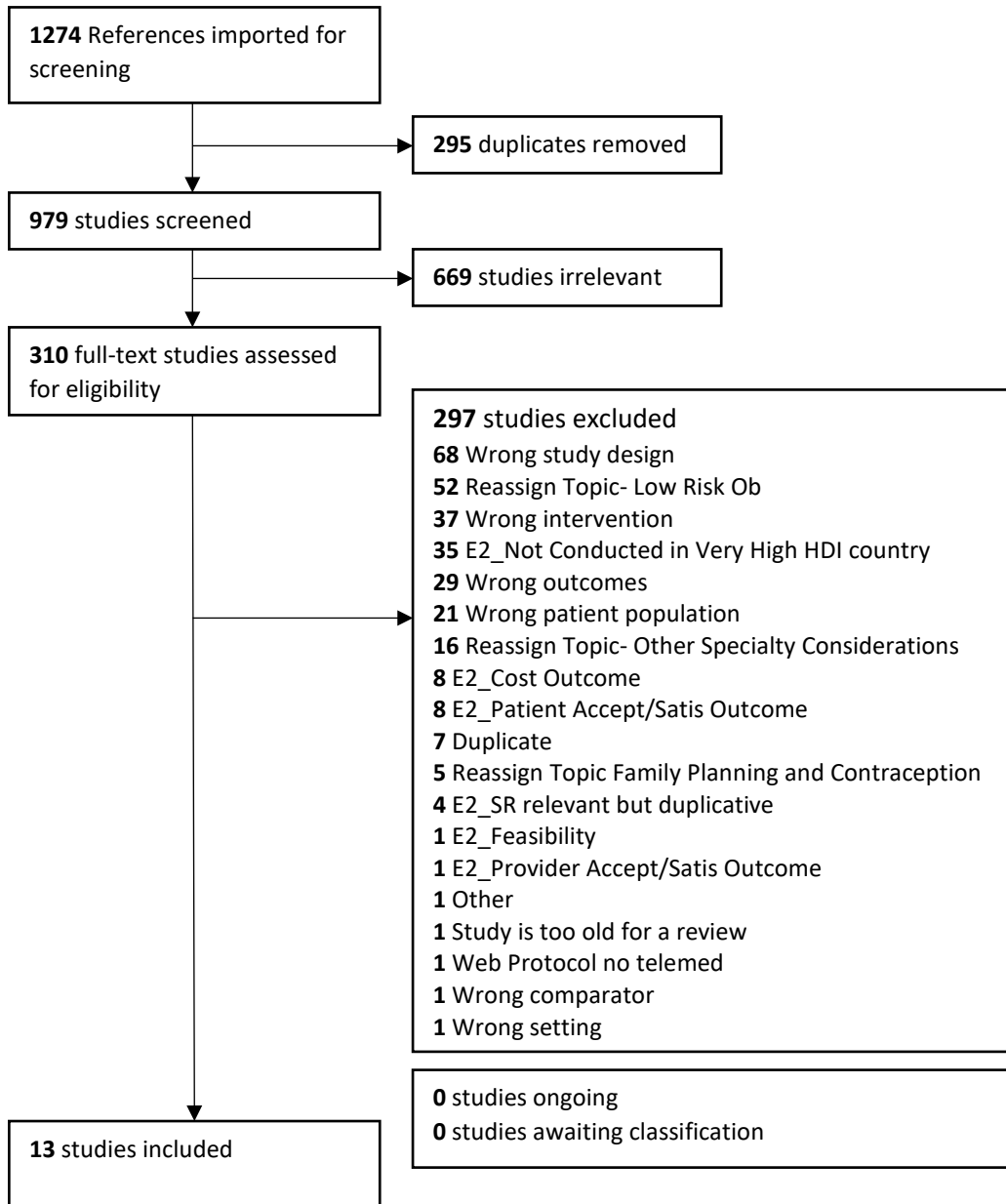
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Case-control study: Van der Plight, 2017	<p>exceeded IOM guidelines compared to usual care (37% vs. 66%). A second RCT found control arm usage patterns were not associated with excessive gestational weight gain (GWG), whereas intervention arm usage patterns were associated with excessive GWG.</p> <p>Three RCTs and a case-control study found at 12 months postpartum, the maternal weight difference between intervention and usual care groups was not maintained.</p> <p>One RCT found no increases in physical activity (PA) regardless of frequency or time. While another RCT found intervention participants increased PA frequency by 1.82 days/week by 13 weeks.</p>		<p>questionnaires, which may have introduced an element of recall bias</p> <p>Reporting bias undetected</p>	
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KQ1d: Effectiveness of text message or web-based breastfeeding information vs. standard of care in breastfeeding outcomes				
2 RCTs, 1 retrospective cohort (n=878)  RCTs Jiang, 2014 Ahmed, 2016  1 retrospective cohort: Gallegos, 2014	2 RCT demonstrated improved rates of breastfeeding and exclusive breastfeeding (EBF) at up to 3 months  1 retrospective cohort study showed significantly higher rate of EBF at 2-6 months	Reasonably consistent  Reasonably precise	No blinding to intervention  2 studies with convenience sample, possible selection bias  Reporting bias undetected	Studies conducted in US, China and Australia.  Less applicable to US healthcare system

## Appendix 8. High-risk OB

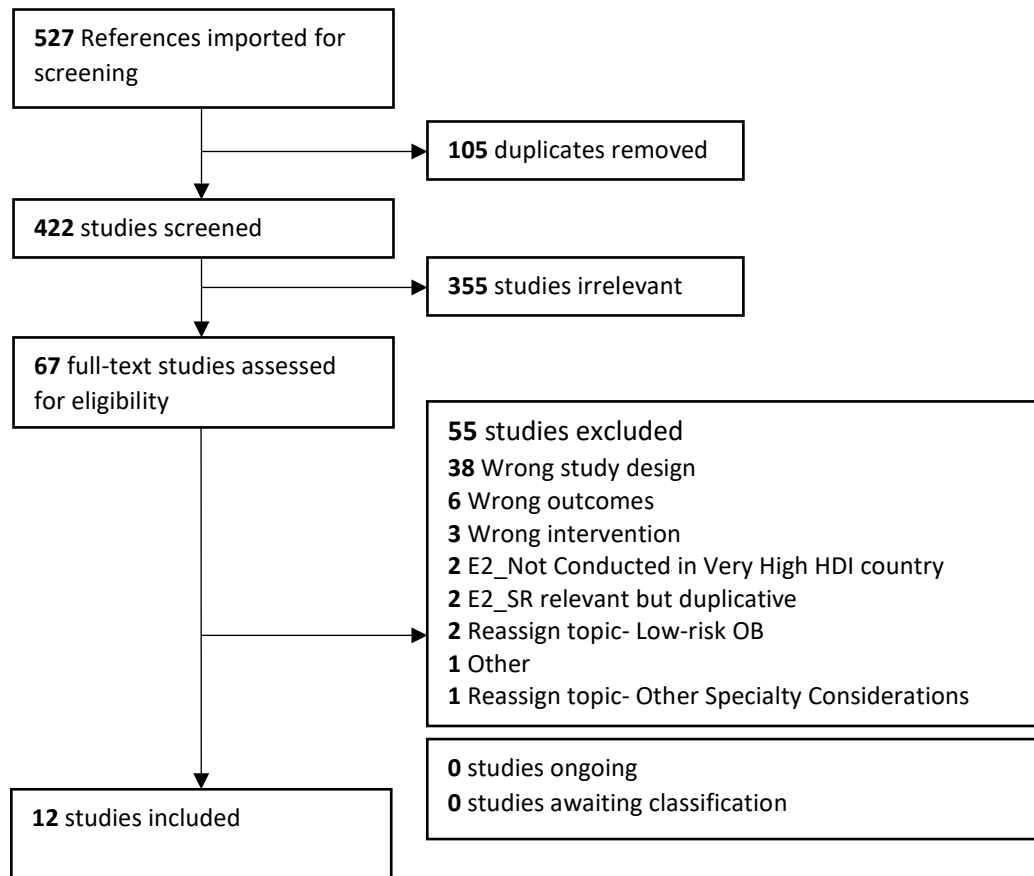


**Appendix 9. Summary of Evidence by Key Question, KQ2: Is Telemedicine an Effective Adjunct or Alternative to Standard of Care for Improving High-Risk Obstetrics Outcomes?**

No. of Studies, Study Design, (No. of Participants)	Summary of Findings by Outcome	Consistency and Precision	Body of Evidence Limitations	Applicability
KQ2a: Effectiveness of blood glucose data transmitted via telephone vs. standard of care for diabetic management				
<p>7 RCT, 1 non-randomized controlled experiment (n=833)</p> <p>RCTs: Calle-Pascual, 2010 Ladyzynski, 2007 Homko, 2007 Homko, 2012 diBiase, 1997 Miremberg, 2018 Mackillop, 2018</p> <p>Non-randomized controlled experiment: Dalfra, 2009</p>	<p>Of the 8 studies reviewed:</p> <p>5 studies reported no difference in maternal or neonatal clinical outcomes among GDM women despite higher frequency of data reporting in telemedicine group.</p> <p>2 studies reported higher use of insulin therapy in telemedicine group compared to standard care (31% vs 4%).</p> <p>1 study with both GDM and Pre-existing Type 1 DM found no difference in the maternal or neonatal clinical outcomes among Type 1 DM enrolled in telemedicine intervention, but lower rates of cesarean and macrosomia in the GDM telemedicine group. There was no difference in depression, quality of life or perceived stress between groups.</p>	<p>Reasonably consistent</p> <p>Imprecise</p>	<p>Large heterogeneity in sample size, with range of 17-235</p> <p>There was inconsistent and unclear blinding and allocation in 5 studies</p> <p>Selection bias in 1 study</p>	<p>Studies conducted in US, Italy, Spain and Poland</p> <p>Moderately applicable to US healthcare system and population</p>
KQ2b: Effectiveness of remote monitoring and web-based system vs. standard of care for visit reduction				

<p>2 RCT, 1 retrospective cohort (n =332)</p> <p>RCTs: Caballero-Ruiz, 2017 Perez-Ferre, 2010</p> <p>1 retrospective cohort: Lanssens, 2017</p>	<p>Telemedicine remote monitoring decreased the number of unscheduled visits in all 3 studies.</p> <p>1 study evaluating clinical outcomes observed less progression to preeclampsia (14.58% vs 43.87%) and less required medical interventions (induction, maternal and neonatal hospitalizations) in the gestational hypertension telemedicine intervention group.</p>	<p>Reasonably consistent</p> <p>Imprecise</p>	<p>1 study reports no difference in clinical outcomes but does not provide data to support conclusion</p> <p>1 study with an imbalance in number of participants assigned to each group</p> <p>2 of 3 studies with selection bias</p> <p>Reporting bias suspected in 1 study</p>	<p>Studies performed in Spain and Belgium</p> <p>Less applicable to US healthcare system</p>
<p>KQ2c: Effectiveness of handheld respiratory device and an Android smart phone application vs. standard of care for asthma control</p>				
<p>2 RCT, (n=275)</p> <p>Zairina, 2016 Hirshberg, 2018</p>	<p>Telehealth intervention improved asthma control as measured by questionnaire (95% CI: -0.66 to -0.07), and asthma-related quality of life (95% CI: 0.29 to 1.16) at 6 months follow-up. (Zarina)</p> <p>There was no difference in asthma clinical function (lung function, unscheduled health-care visits, days off work/study, oral corticosteroid use) or perinatal outcomes. (Hirshberg)</p>	<p>N/A</p> <p>Reasonably precise</p>	<p>Small sample size</p> <p>It was not possible to mask the intervention, which may have caused potential respondent bias</p> <p>Reporting bias undetected</p>	<p>Studies performed in US and Australia</p> <p>Moderately applicable to US healthcare system</p>

## Appendix 10. Family Planning



<b>Appendix 11. Summary of Evidence by Key Question, KQ3: Is Telemedicine an Effective Adjunct or Alternative to Standard of Care for Improving Family Planning Outcomes?</b>				
<b>No. of Studies, Study Design, (No. of Participants)</b>	<b>Summary of Findings by Outcome</b>	<b>Consistency and Precision</b>	<b>Body of Evidence Limitations</b>	<b>Applicability</b>
KQ3a: Effectiveness of educational texts providing reproductive health information vs. standard of care for improving contraceptive initiation.				
1 RCT (n=99)  Chernick 2017	Contraception was initiated in 6/50 (12.0%) in the intervention arm and in 11/49 (22.4%) in the control arm.	N/A  Imprecise	Small sample size  Reporting bias undetected	Study conducted in in US.  Applicable to US healthcare system.
KQ3b: Effectiveness of text messages and e-mail reminders vs. standard of care for improving contraceptive use				
1 RCT, 1 cluster RCT, 1 prospective cohort study (n = 1,470)  RCT: Tsur, 2008  Cluster RCT: Bull, 2016  Prospective cohort: Thiel de Bocanegra, 2017	43% in the intervention group and 39% in the control group returned on time for contraception refills Among women using injections, 67% in the intervention group and 56% in the control group returned on time  Of sexually active participants, 92.8+/- 22.4% in the intervention group, and 80.4+/- 40.0 in the control used contraception in the past 3 months 50% in the intervention group and 40% in the control group were using contraception at 3 months	Reasonably consistent  Reasonably precise	Heterogeneity in age of participants and attrition rates  Loss to follow-up 26% (accounted for in analysis)  Reporting bias undetected	Studies conducted in US and Israel.  Moderately applicable to US healthcare system.

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Page 24 of 31



KQ3c: Effectiveness of educational text messages vs. standard of care and its effect on contraceptive continuation.				
2 RCT (n =783)  Castano, 2012 Trent, 2015	<p>Participants receiving the intervention were more likely to continue oral contraception than control participants at 6 months (OR 1.44, 95% CI 1.03-2.00)</p> <p>Intervention participants returned closer to their scheduled appointments than their control peers for the first visit (95% confidence interval, -1.4 to .06) but not for the second and third visits. Intervention participants were 3.65 times more likely to continue using DMPA or a more efficacious method at the 20-month postintervention evaluation (OR 3.65, 95% CI 1.26-10.08).</p>	<p>Reasonably consistent</p> <p>Reasonably precise</p>	<p>33% loss to follow-up for final study</p> <p>Missing data similar across groups</p> <p>No mention of allocation concealment or sequence generation</p>	<p>Studies conducted in US</p> <p>Applicable to US healthcare system.</p>
KQ3d: Effectiveness of educational text messages vs. standard of care and its effect on contraceptive adherence.				
1 RCT (n=73)  Hou, 2010	The mean number of missed pills per cycle did not differ significantly between the groups: 4.9 for the text-message group and 4.6 for the control group.	<p>N/A</p> <p>Imprecise</p>	Reporting bias undetected	<p>Study conducted in US</p> <p>Applicable to US healthcare system</p>
KQ3e: Effectiveness of text message reminders vs. standard of care to fulfill emergency contraception prescriptions.				
1 RCT (n=118)  Wilkinson, 2017	Possible temporal relationship between text reminders and EC prescription fulfilment.	<p>Consistency NA</p> <p>Imprecise</p>	<p>Sequence generation and allocation concealment unclear</p> <p>Small sample size, reporting bias suspected, high loss</p>	<p>Study conducted in US</p> <p>Applicable to US healthcare system Study</p>

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Page 25 of 31

			to follow up (53.30%)  Reporting bias detected	
KQ3f: Safety and effectiveness of telemedicine provision of medication abortion vs. standard in-person provision				
3 cohort (n= 19,170)  Grossman, 2011 Grossman, 2013 Grossman, 2017	Forty-nine clinically significant adverse events were reported (no deaths or surgery; 0.18% of telemedicine patients with any adverse event [95% CI 0.11-0.29%] and 0.32% of in-person patients [95% CI 0.23-0.45%]). Difference in adverse event prevalence was within threshold for noninferiority.  Effectiveness of telemedicine medication abortion was 98.7% (95% CI 96.1–99.5%) and of in-person medical abortion was 96.9% (95% CI 93.7–98.5%). Odds of successful abortion with telemedicine compared with in-person provision was not significantly different in the multivariable model, which adjusted for within-cluster correlation and gestational age (OR 2.34, 95% CI 0.84–6.55).  The proportion of abortions that were medication abortion increased from 46% to 54% in the clinic system in the 2 years after the introduction of telemedicine. In multivariate models, patients presenting in the 2-year period after telemedicine was introduced had increased odds of obtaining medication abortion (AOR 1.51; 95% CI 1.41, 1.61) and of obtaining abortion at or before 13	Reasonably consistent  Precise	Loss to follow-up up to 24% in one trial, but not different in two cohorts.  Bias due to confounding Unable to adjust for confounders due to low prevalence of adverse events  Reporting bias undetected	Study conducted in US  Applicable to US healthcare system

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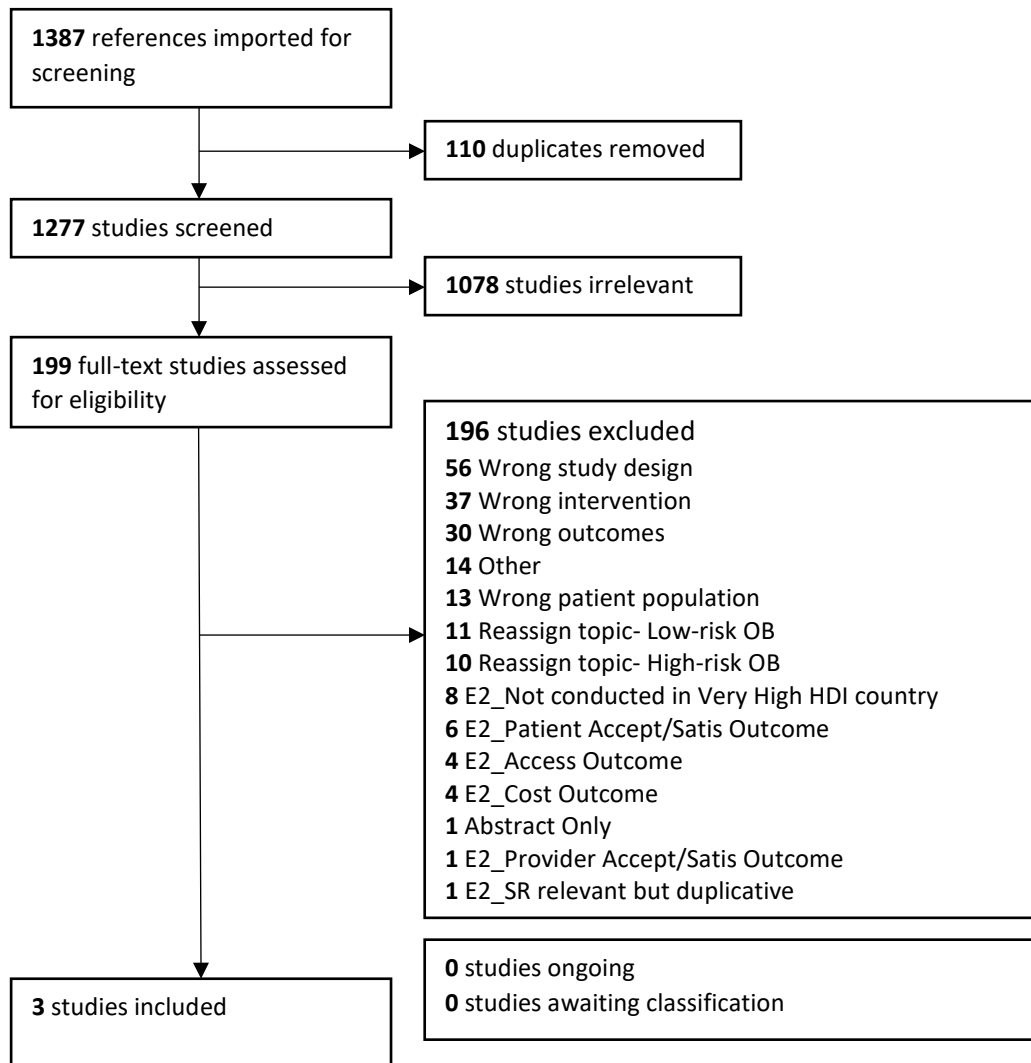
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Page 26 of 31

	weeks' gestation (AOR 1.46; 95% CI 1.22, 1.75).			
KQ3g: Effectiveness of remote follow-up (text, online or telephone) vs. standard clinic-based follow-up after medication abortion				
1 RCT (n=933) Bracken, 2014	Remote follow-up after medication abortion did not increase total follow-up compared to a clinic-based strategy. The overall follow-up rate did not differ by group {clinic-based, 72.6% vs. remote, 68.7%; risk ratio (RR) 0.97 [95% confidence interval (CI) 0.97-1.2]}.	Reasonably consistent  Reasonably precise	Primary outcome concordant with clinical trial protocol: NCT01362387  Reporting bias undetected	Study conducted in the England  Moderately applicable to US healthcare system

## Appendix 12. General gynecology.



**Appendix 13. Summary of Evidence by Key Question, KQ4: Is Telemedicine an Effective Adjunct or Alternative to Standard of Care for Improving Gynecologic Outcomes?**

No. of Studies, Study Design, (No. of Participants)	Summary of Findings by Outcome	Consistency and Precision	Body of Evidence Limitations	Applicability
KQ4a: Effectiveness of combinations of mobile phone technology and STI information cards for improving adolescent notification of positive STI tests				
1 RCT (1 n=584)  Reed, 2014	<p>Females in the study had greater successful notification for call + text message (OR 3.2; 95% CI, 1.4-6.9) and documenting a confidential phone number (OR 3.6; 95% CI, 1.7-7.5).</p> <p>Of patients with a documented confidential phone number who received a call + text message, 94% of females were successfully notified.</p>	<p>N/A</p> <p>Reasonably precise</p>	<p>All planned outcomes appear to have been reported.</p> <p>Loss to f/u 20.7%</p> <p>Reporting bias undetected</p>	<p>Study conducted in US</p> <p>Applicable to US healthcare system</p>
KQ4b: Effectiveness of device-guided slow-paced respiration vs. control for menopausal hot flushes				
1 RCT (n =123)  Huang, 2015	<p>Women in paced respiration group had average reduction of 1.8 (95% CI 0.9-2.6) hot flushes per day compared with 3.0 (95% CI 2.1-3.8) hot flushes per day in the music-listening group (P=.048)</p> <p>Music listening was associated with a greater decrease in frequency of moderate-to-severe hot flushes compared paced respiration \.</p>	<p>N/A</p> <p>Imprecise</p>	<p>Diaries subject to measurement error from inadequate recall of symptoms or backfilling of diaries.</p> <p>Reporting bias undetected</p>	<p>Study conducted in US</p> <p>Applicable to US healthcare system</p>

KQ4bc: Effectiveness of mobile app treatment/self-management vs. control on stress urinary incontinence				
1 RCT, 1 follow-up to RCT (n=121)  Asklund, 2017 Hoffman, 2017	<p>Women in app group reported improvements in symptom severity (3.9, 95% CI 3.0-4.7), and condition-specific quality of life (4.8, 95% CI 3.4-6.2). Of women in the app group, 98.4% performed PFMT at follow-up, and 41.0% performed it daily.</p> <p>In the follow-up study women who used app showed mean decrease of 3.1 (95% CI 2.0–4.2) in International Consultation on Incontinence Questionnaire Short Form and 4.0 (95% CI 2.1–5.9 on ICIQ-Lower Urinary Tract Symptom Quality of Life scores as compared to baseline. 8.7% rated themselves as very much better, 19.6% as much better, and 34.8% as a little better. Use of incontinence protection products decreased (<math>p = 0.04</math>). Proportion of women who felt they could contract their pelvic muscles correctly increased from (30.4%) to (67.4%) (<math>p &lt; 0.001</math>)</p>	N/A  Reasonably precise	<p>Heterogeneity in LTF data 1.6 to 24.6% (?)</p> <p>Reporting bias undetected</p>	<p>Study conducted in Sweden</p> <p>Less applicable to the US healthcare system</p>
KQ4d: Effectiveness of a technology-based intervention versus control on weight or physical activity levels in women				
2 RCT (n=49)  Haggerty, 2016 Joseph, 2015	<p>Women in telemedicine arm had greater weight loss as compared to Text4Diet arm</p> <p>Women in telemedicine arm had greater percent weight loss (7.6%) as compared to the Text4Diet arm (4.1%) <math>p=0.014</math>.</p>	Reasonably consistent  Imprecise	<p>Small sample sizes, heterogeneity in age (35 v. 50s/60)</p> <p>Reporting bias undetected</p>	<p>Studies conducted in US</p> <p>Applicable to US healthcare system</p>

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Page 30 of 31

	<p>Mean serum levels for all participants of IL-2 were significantly lower (27.15pg/mL vs. 5.18pg/mL, p=0.0495) at intervention end as compared to baseline.</p> <p>FI (Facebook + text) participants decreased sedentary time and increased light intensity and moderate-lifestyle intensity physical activity in comparison to PI participants.</p>			
KQ4e: Effectiveness of technology-based intervention vs. control for gynecologic surgery post-operative management				
1 RCT (n= 215)  Vonk Noordegraaf, 2014	<p>Women in eHealth intervention group improved return to work (95% confidence interval 1.003-2.040), had shorter median duration of sick leave until a full sustainable return to work (39 days as compared to the control group (48 days), lower pain score (OR 1.84; 95% CI 1.04-3.25) and higher quality of life (95% CI 4-57; p=0.024).</p>	<p>N/A</p> <p>Reasonably precise</p>	<p>Self-reported duration of sick leave might be susceptible to information bias. But, likely not different between groups.</p> <p>Reporting bias undetected</p>	<p>Study conducted in the Netherlands</p> <p>Less applicable to US healthcare system</p>