Searching PubMed: The Basics
Search Construction

• Concept building
  – Major concepts
  – Alternate words

• Example: In pregnant women on antiretroviral therapy, what is the risk of developing gestational diabetes?
Boolean Operators

AND

OR

NOT
(pregnant OR pregnancy) AND ("Antiretroviral therapy" OR ART OR HIV treatment) AND ("gestational diabetes" OR hyperglycemia)
Searching Techniques

Note: Techniques vary from database to database
Review the results for additional terminology

A qualitative study on using concept maps in problem-based learning.
Chan ZCY.
PMID: 28414998

Comprehensive evaluation of ten deformable image registration algorithms for contour propagation between CT and cone-beam CT images in adaptive head & neck radiotherapy.
PMID: 28414799

Sensitive quantification of the HIV-1 reservoir in gut-associated lymphoid tissue.
PMID: 28414780
Nesting: Using parentheses to create advanced searches that use both AND and OR Boolean Operators.
1. Cardiorespiratory fitness and health-related quality of life in women at risk for gestational diabetes.

   PMID: 28415143
   Similar articles

2. Types of household humidifier disinfectant and associated risk of lung injury (HDLI) in South Korea.

   Park DU, Ryu SH, Lim HK, Kim SK, Choi YY, Ahn JJ, Lee E, Hong SB, Do KH, Cho JL, Bae MJ, Shin DC, Paek DM, Hong SJ.
Use **Advanced Search** to combine your searches
Use the Add links to add your searches to the Builder.
Exercises: Practicing with PubMed
### Clinical Study Categories

- **Category:** Therapy
- **Scope:** Broad

### Systematic Reviews

#### Results: 5 of 10

**The association between HIV, antiretroviral therapy, and gestational diabetes mellitus.**


AIDS. 2017 Jan 2; 31(1): 113-125.

**Assisted reproductive technology and the risk of pregnancy-related complications and adverse pregnancy outcomes in singleton pregnancies: a meta-analysis of cohort studies.**


**Multifetal gestations with assisted reproductive technique before the single-embryo transfer legislation: obstetric, neonatal outcomes and congenital anomalies.**

Anoğlu Aydin Ç, Aydin S, Serdaroğlu H.


**Pregnancy-related complications and adverse pregnancy outcomes in multiple pregnancies resulting from assisted reproductive technology: a meta-analysis of cohort studies.**


**Gestational diabetes mellitus risk factors in women with polycystic ovary syndrome (PCOS).**

Asrati M, Sheikhan F, Arabpoor A, Hosseini R, Nourbakhsh F, Zolfaghari Z.


**Efficacy of 17α-hydroxyprogesterone on decreasing preterm labor in ART pregnancies: A randomized clinical trial.**

Atabaniyan A, Amouzegar H, Dehghani Frouzabad R.


#### See all (50)

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### Medical Genetics

#### Results: 5 of 10

**Assisted reproductive technology and the risk of pregnancy-related complications and adverse pregnancy outcomes in singleton pregnancies: a meta-analysis of cohort studies.**


**Early second-trimester plasma protein profiling using multiplexed isobaric tandem mass tag (TMT) labeling predicts gestational diabetes mellitus.**


**Pregnancy-related complications and adverse pregnancy outcomes in multiple pregnancies resulting from assisted reproductive technology: a meta-analysis of cohort studies.**


**Analysis on the outcomes of hepatitis B virus perinatal vertical transmission: nested case-control study.**

Lv N, Chu XD, Sun YH, Zhao SY, Li PL, Chen X.


**Programming of fetal insulin resistance in pregnancies with maternal obesity by ER stress and inflammation.**


#### See all (10)

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This column displays citations for systematic reviews, meta-analyses, reviews of clinical trials, evidence-based medicine, consensus development conferences, and guidelines. See filter information or additional related sources.
Use the **See all** link to view the rest of the results retrieved with the Clinical Queries tool.
Maternal and Live-birth Outcomes of Pregancies following Assisted Reproductive Technology: A Retrospective Cohort Study.

Twin pregnancies after assisted reproductive technologies: the role of maternal age on pregnancy outcome.
Pinzauti S, Ferrata C, Vannucinni S, Di Rienzo G, Severi FM, Petraglia F, Di Tommaso M.

The association between HIV, antiretroviral therapy, and gestational diabetes mellitus.
AIDS. 2017 Jan 23;31(1):113-125. PMID: 27677165

Neck circumference might predict gestational diabetes mellitus in Han Chinese women: A nested case-control study.

Gestational diabetes: An overview with attention for developing countries.
Schiovone M, Putoto G, Laterza F, Pizzol D.
Exercise:
Practicing with PubMed Clinical Queries
STAY CALM AND KEEP SEARCHING