

# Supplement S1. List of keywords' sets.

List of keywords used to detect and filter contents related to ACOG's guidelines, translated from Italian (grammatic variants have been omitted).

## Basic keywords

pregnancy; preconception; conception; prenatal.

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## Specific keywords related to preconception topics

### Alcohol

alcohol; alcoholism; beer; strong drinks; wine.

### Chronic Diseases

allergy; anti-phospholipid; arthritis; asthma; asthmatic; cardiovascular; chronic diseases; diabetes; disease; epilepsy; failure; glycemia; hyperphenylalaninemia; hypertension; hyperthyroidism; hypotension; hypothyroidism; infarction; lupus; myocardial; phenylketonuria; phospholipids;

pressure; renal; thrombophilia; thyroid; thyroiditis.

### Environmental Exposures

cadmium; chemical; chemicals; cosmetics; creams; detergents; ether; ethylene; herbicides; lead; mercury; metals; pesticides; pollution; radiation; radioactive; smog; solvents; toxic; toxic substances; toxicity; toxins; trichloro ethane; wi-fi; wifi; xylene.

### Folic Acid

B9; folate; folates; folic; folina.

### Genetic Risk

amniocentesis; counseling; diagnosis; diagnostics; genetic counseling; genetic screening; screening; test; villocentesis.

### Illicit Drugs

cannabis; cocaine; drug; drug addiction; drugs; hashish; joints (and synonyms); marijuana; psychotropics.

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**Infectious Diseases**

bordetella; cmv; cytomegalovirus;  
fifth disease; flu; flu-like  
symptoms; hand foot mouth  
disease; hbv; hepatitis; herpes;  
hsv; infections; infectious;  
infectious diseases; listeria;  
listeriosis; pertussis; roseola;  
rubella; streptococcus; tetanus;  
toxoplasma; toxoplasmosis;  
varicella; virus; VZV; zoster.

**Medications**

ace inhibitors; analgesic;  
analgesics; antidepressants;  
antiepileptic drugs; anti-  
inflammatory; antibiotic;  
antibiotics; antidepressant;  
antidepressants; antiepileptics;  
antifungal; antitumor;  
barbiturates; benzodiazepines;  
carbamazepine; chemotherapy;  
corticosteroids; drugs; ergot;

immunosuppressive; medicaments;  
methimazole; painkillers;  
paroxetine; pharmacological;  
pharmacology; phenobarbital;  
radiotherapy; retinoids;  
thalidomide; tiamazolo;  
valproate; valproic.

**Nutrition**

aliment; alimentary; almonds;  
anorexia; chocolate; cholesterol;  
diet; dukan; eat; fish; food;  
high protein; hypercaloric;  
hypocaloric; hypoglycemic; low  
protein; mushrooms; nutrition;  
obese; obesity; overweight;  
salty; shellfish; sweet; sweets;  
under weight; vegan; veganism;  
vegetarian; vegetarianism.

**Physical Activity**

exercise; physical activity;  
physical exercise; sport.

**Sexually Transmitted Diseases**

bacteriuria; chlamydia;  
gonorrhea; hiv; nisseria; sexual  
disease; sexual infection;  
sexually transmitted diseases;  
STDs; syphilis; treponema;  
vaginitis; vaginosis; venereal.

**Smoking**

cigarettes; smoke; smoking.

**Vaccinations**

flu vaccination; flu vaccine;  
hepatitis b vaccine; hepatitis  
vaccine; rubella vaccine; tetanus  
vaccine; vaccinate; vaccinated;  
vaccination; vaccines.