

Table 1.1 SOME KNOWN TERATOGENS**RADIATION**

Atomic weapons
Radioiodine
Therapeutic radiation

INFECTIONS

Cytomegalovirus
Herpes simplex virus I and II
Parvovirus B-19 (erythema infectiosum)
Rubella virus
Syphilis
Toxoplasmosis
Varicella virus
Venezuelan equine encephalitis virus

MATERNAL AND METABOLIC IMBALANCE

Alcoholism
Amniocentesis, early (before day 70 post conception)
Chorionic villus sampling (before day 60 post conception)
Cretinism, endemic
Diabetes
Folic acid deficiency
Hyperthermia
Myasthenia gravis
Phenylketonuria
Rheumatic disease
Sjögren syndrome
Virilizing tumors

DRUGS AND ENVIRONMENTAL CHEMICALS

ACE inhibitors (benazepril, captopril, enalapril, fosinopril, lisinopril, moexipril, quinapril, ramipril, trandolapril)
Aminopterin
Androgenic hormones
Busulfan
Chlorobiphenyls
Cigarette smoking
Cocaine
Coumarin anticoagulants
Cyclophosphamide
Diethylstilbestrol
Etretinate
Fluconazole (high doses)
Iodides
Isotretinoin (Accutane)
Lithium

Mercury, organic
Methimazole
Methotrexate (methylaminopterin)
Methylene blue (via intra-amniotic injection)
Misoprostol
Penicillamine
Phenytoin
Tetracyclines
Thalidomide
Toluene (abuse)
Trimethadione
Valproic acid

POSSIBLE TERATOGENS

Binge drinking
Carbamazepine
Colchicine
Disulfiram
Ergotamine
Glucocorticoids
Lead
Primidone
Quinine (suicidal doses)
Streptomycin
Vitamin A (high doses)
Zidovudine (AZT)
Zinc deficiency

UNLIKELY TERATOGENS

Agent Orange
Anesthetics
Aspartame
Aspirin (but aspirin in the second half of pregnancy may increase cerebral hemorrhage during delivery)
Bendectin (antinauseant)
Electromagnetic waves
Hydroxyprogesterone
LSD
Marijuana
Medroxyprogesterone
Metronidazole
Oral contraceptives
Progesterone
Rubella vaccine
Spermicides
Video display terminals
Ultrasound