

MEDICAL TOXICOLOGY

CORE CONTENT

Ranking refers to representation of content among the 150 items on the examination.

Medical Toxicology Major Core Content Categories

<u>CORE</u>	<u>CONTENT CATEGORIES</u>	<u>RANKING</u>
1.0	Analgesics and Anti-Inflammatory Agents	H
2.0	Analytical Toxicology	M
3.0	Antidotes	H
4.0	Antimicrobials and Antiseptics	L
5.0	Autonomic Agents	M
6.0	Biostatistics / Epidemiology / Research	L
7.0	Carcinogenesis	M
8.0	Cardiovascular Agents	H
9.0	Chemical Dependency	M
10.0	Cleaning Agents	L
11.0	CNS Drugs and Muscle Relaxing Agents	H
12.0	Environmental Toxicology	H
13.0	General Poisoning	H
14.0	GI Agents	L
15.0	Historical Disasters and Mass Poisonings	M
16.0	Household Products	L
17.0	Hydrocarbons	H
18.0	Industrial Toxicology	H
19.0	Natural Products	M
20.0	Pesticides	M
21.0	Pharmacology	M
22.0	Reproductive Technology	L
23.0	Topical and OTC Agents	L
24.0	Vitamins, Minerals, Bone Disease, Endocrine Agents	M

1.0 ANALGESICS AND ANTI-INFLAMMATORY AGENTS

	<u>RANKING</u>
1.1 Analgesics, Antipyretics	H
1.1.1 Acetaminophen	H
1.1.2 Phenacetin	L
1.1.3 Salicylates	H
1.2 Capsaicin	L
1.3 Gold	L
1.4 Rheumatologic Drugs	M
1.4.1 Allopurinol	L
1.4.2 Colchicine	H
1.4.3 Methotrexate	M
1.5 NSAID	M
1.6 Opioids	H
1.6.1 Codeine	M
1.6.2 Fentanyl & Patches	M
1.6.3 Heroin	M
1.6.4 Long acting Opioid analgesics	M
1.6.5 Meperidine	M
1.6.6 Oral Opioids	L
1.6.7 Propoxyphene and derivatives	L
1.6.8 Others	
1.7 Urinary Analgesics	L

2.0 ANALYTICAL TOXICOLOGY

	<u>RANKING</u>
2.1 Diagnostic Toxicology, General	M
2.2 Drug Testing and Screening	M
2.3 Role of the Medical Review Officer	M
2.4 Hair Analysis	L

3.0 ANTIDOTES

	<u>RANKING</u>
3.1 Analeptics	L
3.2 Anticholinergics	M
3.3 Antivenin /Fabs	M
3.4 Benzodiazepine Antagonists	M
3.5 Botulism Antitoxin	M
3.6 Calcium	L
3.7 Charcoal, Activated	M
3.8 Chelating Agents, General	M
3.9 Deferoxamine	M
3.10 Dithiocarb	L
3.11 DMSA	M
3.12 EDTA	M
3.13 Fullers Earth, Bentonite	L
3.14 Glucagon	M
3.15 Hydroxocobalamin	M
3.16 Methylene Blue	M
3.17 N-acetyl Cysteine	H
3.18 Nicotinamide	L
3.19 Nitrite	L
3.20 Opioid Antagonists	H
3.21 Penicillamine	L
3.22 Physostigmine (and Misc. Anticholinesterases)	M
3.23 Pralidoxime	M
3.24 Protamine Sulfate	L
3.25 Prussian Blue	L
3.26 Pyridoxine	M
3.27 Tetanus Antitoxin	L
3.28 Thiamine	L
3.29 Thiocetic Acid	L
3.30 Thiosulfate	M
3.31 Vitamin K	M
3.32 4-Methylpyrazole	H
3.33 Folic Acid, folinic acid	M
3.34 L-Carnitine	M
3.35 Hydroxycobalmin	M
3.36 High Dose Insulin and Glucose	H
3.37 Intralipid	L
3.38 Octreotide	M

4.0 ANTIMICROBIALS AND ANTICEPTICS

	<u>RANKING</u>
4.1 Antibiotics, Oral / Systemic	L
4.2 Antifungal Drugs	L
4.3 Anti Malarial Drugs	M
4.4 Antiparasitics	L
4.5 Antiseptics	L
4.6 Antiviral Drugs	L
4.7 HIV agents	M
4.8 TB Drugs	M
4.9 Topical and Local Antimicrobials	L
4.10 Biologic Toxins	L

5.0 AUTONOMIC AGENTS

	<u>RANKINGS</u>
5.1 Anticholinergics	M
5.2 Antihistamines	M
5.3 Antiserotonergics	M
5.4 Cholinergics	M
5.5 Ergot	L
5.6 Methylxanthine	L
5.7 OTC and Prescription Sleep Aids	L
5.8 Sympathomimetics	H
5.8.1 Amphetamines	H
5.8.2 Cathecholamines	L
5.8.3 Cocaine	H

6.0 BIOSTATISTICS / EPIDEMIOLOGY / RESEARCH

	<u>RANKING</u>
6.1 Association	L
6.2 Bias	L
6.3 Case Control Study	M
6.4 Causation	L
6.5 Cohort	M
6.6 Cohort Study	M
6.7 Confounding	L
6.8 Cross Sectional Study	L
6.9 Excess Risk	L
6.10 Informational Bias	L
6.11 Null Hypothesis	L
6.12 Predictive power	H
6.13 Power	M
6.14 Randomized Controlled Trial	M
6.15 Relative Risk	M
6.16 Reliability	M
6.17 Sensitivity	H
6.18 Specificity	H
6.19 Statistical Testing	H
6.20 Validity	M
6.21 Confidence Interval	H
6.22 Out Break Investigation	M
6.23 Risk Assessment	M

7.0 CARCINOGENESIS

	<u>RANKING</u>
7.1 Bioassay of Chemical Carcinogenesis	L
7.2 Biotransformation of Chemical Carcinogens	L
7.3 Classes of Chemical Carcinogens	M
7.3.1 DNA reactive carcinogenesis	M
7.3.1.1 Acrylonitrile	M
7.3.1.2 Aldehydes	L
7.3.1.3 Azo compounds	L
7.3.1.4 Carbamates	L
7.3.1.5 Cisplatinum	L
7.3.1.6 Dibromoethane	L
7.3.1.7 Haloethers	L
7.3.1.8 Metals & metal ions	L
7.3.1.9 Nitroaryl compounds	L
7.3.1.10 Nitrogen mustards	L
7.3.1.11 Nitrosamines, nitrosoureas	L
7.3.1.12 Polycyclic aromatic amines	M
7.3.1.13 Plants	L
7.3.1.14 Polycyclic aromatic hydrocarbons	H
7.3.1.15 Radioactive inorganic	L
7.3.1.16 Sulfuric acid esters	L
7.3.1.17 Tobacco	M
7.3.1.18 Other	L
7.4 Definitions	L
7.5 Interactive Carcinogenesis	L
7.5.1 Chemical-physical interactions	L
7.5.2 Chemical-radiation interactions	L
7.5.3 Chemical-viral interactions	L
7.5.4 Inhibition of carcinogenesis	L
7.6 Mode of Action of Chemical Carcinogenesis	L
7.6.1 Neoplastic conversion	L
7.6.2 Neoplastic development and progression	L
7.6.3 Overall mechanisms	M
7.7 Modulating Factors	L
7.7.1 Endogenous factors	L
7.7.1.1 Age	L
7.7.1.2 Immunologic factors	L
7.7.1.3 Sex and endocrine balance	L
7.7.1.4 Species, strain organ sensitivity	L
7.7.1.5 Transplacental exposure	L
7.7.2 Exogenous factors	L
7.7.2.1 Diet	M
7.7.3 Chemotherapeutic Agents	M

7.8	Quantitative Aspects of Carcinogenesis	L
	7.8.1 DNA reactive carcinogenesis	L
	7.8.2 Epigenetic carcinogenesis	L
7.9	Reactions of Chemical Carcinogens	L
	7.9.1 Cellular macromolecules	L
	7.9.2 DNA	L

8.0 CARDIOVASCULAR AGENTS

	<u>RANKING</u>
8.1 Antiarrhythmics	M
8.1.1 Adenosine	M
8.1.2 Amiodarone	M
8.1.3 Calcium Channel blockers	H
8.1.4 Cardiac glycosides	H
8.1.5 Class 1 _c anti-arrhythmic agents	M
8.2 Anticoagulants	H
8.3 Antihypertensives	H
8.3.1 Beta blockers	H
8.3.2 Clonidine	M
8.3.3 Misc. alpha blockers	L
8.3.3.1 Yohimbine	L
8.3.4 Nitroprusside	L
8.3.5 Nonosmotic diuretics	L
8.3.6 Osmotic diurectics	L
8.3.7 Ace inhibitors	L
8.4 Antiplatelet drugs	L
8.5 Inotropic Agents,	M
8.6 Nitrates, Nitrites	M
8.7 Thrombolytics	L

9.0 CHEMICAL DEPENDENCY

	<u>RANKING</u>
9.1 Addiction	M
9.2 Clinical Characteristics	H
9.2.1 Alcohol	H
9.2.2 Cannabinoids (Marijuana)	M
9.2.3 Cocaine, amphetamine & related psycho-stimulants	H
9.2.4 Sedative-Hypnotics	M
9.2.4.1 Baclofen	
9.2.4.2 Barbiturates	
9.2.4.3 Benzodiazepines	
9.2.4.4 Misc GABA agonists	
9.2.5 Nicotine and tobacco	M
9.2.6 Opioids	M
9.2.7 Psychedelics (hallucinogens, psychotomimetics)	M
9.2.8 Inhalants	M
9.3 Drug Abuse – Epidemiology	L
9.4 Drug Dependence	L
9.5 Modification of Behavior Following Withdrawal	L
9.6 Role of Medical Professional	L
9.7 Tolerance	M
9.8 Withdrawal Syndromes	H
9.8.1 Alcohol	H
9.8.2 Sedative-Hypnotics	M
9.8.3 Mixed patterns	M
9.8.4 Opioids	H
9.8.5 Stimulants	M
9.8.6 Nicotine	L

10.0 CLEANING AGENTS

	<u>RANKING</u>
10.1 Ammonia	L
10.2 Bicarbonate (Baking Soda)	L
10.3 Bleach	M
10.4 Cleansers	L
10.5 Corrosives	M
10.5.1 Acid	M
10.5.2 Alkaline	M
10.5.3 Disc batteries and other batteries	M
10.5.4 Rust removers (HF)	M
10.5.5 Gun bluing (selenious acid)	L
10.6 Deodorizers	L
10.7 Disinfectants	L
10.7.1 Hexachlorophene	L
10.7.2 Chlorhexidine	L
10.8 Soaps and Detergents	L
10.9 Swimming Pool Products	L

11.0 CNS DRUGS AND MUSCLE RELAXING AGENTS

	<u>RANKING</u>
11.1 Alcohols	H
11.1.1 Benzyl alcohol	L
11.1.2 Disulfiram reaction	L
11.1.3 Diethylene glycol	M
11.1.4 Ethanol	H
11.1.5 Ethylene glycol	H
11.1.6 Isopropanol	H
11.1.7 Methanol	H
11.2 Anesthetics	M
11.3 Anticonvulsants	M
11.3.1 Carbamazepine	M
11.3.2 Phenytoin	M
11.3.3 Valproic acid	M
11.3.4 Phenobarbital	M
11.3.5 Others	M
11.4 Bromocriptine	L
11.5 Antidepressants	H
11.5.1 Bupropion	M
11.5.2 Tricyclics	H
11.5.3 Serotonin Reuptake Inhibitors	H
11.6 Dantrolene	M
11.7 Dementia drugs	L
11.8 Gamma-hydroxybutyric Acid	M
11.9 Muscle Relaxants	M
11.9.1 Baclofen	M
11.9.2 Carisoprodol	L
11.9.3 Methocarbamol	L
11.10 Neuromuscular Blocking Agents	L
11.11 Parkinsonism Drugs	L
11.12 Psychotropic agents	H
11.12.1 Antipsychotics	H
11.12.2 Atypical Antipsychotics	H
11.12.3 Lithium	H
11.12.4 MAO inhibitors	H
11.12.5 Others	M
11.13 Psychotogenic, Hallucinogens	M
11.13.1 LSD and derivatives	M
11.13.2 Marijuana and hashish	M
11.13.3 PCP and derivatives	H
11.14 Sedatives, Hypnotics, Anti-anxiety Agents	M
11.14.1 Barbiturates	M
11.14.2 Benzodiazepine	M
11.14.3 Bromides	L

11.14.4 Chloral derivatives	M
11.14.5 others	L
11.15 Smooth muscle Relaxants	L
11.16 Sumatriptan, Other Serotonin Agonists	L

12.0 ENVIRONMENTAL TOXICOLOGY

	<u>RANKING</u>
12.1 Air Pollution	M
12.1.1 Indoor air	M
12.1.2 Building associated sickness	M
12.1.3 Outdoor air	M
12.2 Biological Warfare	H
12.3 Chemical Warfare	H
12.4 Food Additives and Contaminants	M
12.5 Food Poisoning	L
12.6 Physical Effects	L
12.6.1 Cold Injury	L
12.6.2 Electromagnetic (non-ionizing radiation)	L
12.6.3 Heat illness	M
12.6.4 Pressure (HBO); Bends	L
12.7 Water Pollution	L
12.8 Ionizing Radiation	M
12.9 Radon	M
12.10 Hazardous Waste Sites	M
12.10.1 Contamination	M
12.10.2 Exposure pathways	L
12.10.3 Risk assessment	M
12.10.4 Risk management	L
12.10.5 Risk communication	H
12.11 Mold	M
12.12 Multi-Chemical Sensitivity	L

13.0 GENERAL POISONING

	<u>RANKING</u>
13.1 EMS and Poisoning	M
13.1.1 HAZMAT	H
13.2 Epidemiology and Prevention, Poisoning	M
13.3 Legal aspects	M
13.4 Decontamination	M
13.4.1 GI	M
13.4.2 Other	L
13.4.3 Emesis	L
13.4.4 Gastric lavage	M
13.4.5 Activated charcoal	H
13.4.6 Cathartics	M
13.4.7 Whole bowel irrigation	M
13.5 Poison Centers, Administration	H
13.6 Psychiatric and Social Aspects	M
13.7 Regulatory Aspects	M
13.8 Risk Assessment	H
13.9 Signs, Symptoms and Complications of Poisoning	H
13.10 General Management	H
13.11 Mechanisms of Poisoning	H
13.12 Newer Modalities	M

14.0 GI AGENTS

	<u>RANKING</u>
14.1 Antacids	L
14.2 Antidiarrheals	L
14.2.1 Lomotil	M
14.2.2 Loperamide	L
14.3 Antiemetics	M
14.4 Bismuth	L
14.5 Chlorophyll Derivatives	L
14.6 Emetics (Ipecac)	M
14.7 Laxatives (Cathartics)	L
14.8 Lipid Lowering Drugs	L
14.9 Proton Pump Inhibitors	L
14.10 Prostaglandin Analogues	L
14.11 Resins (Cholestyramine)	L
14.12 Sucralfate	L
14.13 Sulfasalazine, Sulfapyridine, Aminosalicic Acid	L

15.0 Historical Disasters and Mass Poisonings

	<u>RANKING</u>
15.1 Bhopal	M
15.2 Diethylene Glycol	M
15.3 Itai-Itai Disease	M
15.4 Minimata Bay	M
15.5 Alcohol and Illicit Drug Poisonings	M
15.6 Food and Pharmaceutical Poisonings	M
15.7 Occupational and Environmental Poisonings	M
15.8 Miscellaneous	M

16 HOUSEHOLD PRODUCTS

	<u>RANKING</u>
16.1 Bath Products	L
16.2 Colognes, Perfumes, Aftershave	L
16.3 Cosmetics	L
16.4 Dental Products	L
16.5 Deodorants	L
16.6 Fingernail Products	L
16.6.1 Polish	L
16.6.2 Remover	M
16.7 Hair Products	L
16.7.1 Conditioners	L
16.7.2 Permanents, dyes, depilatories	L
16.7.3 Shampoo	L
16.8 Matches	L
16.9 Mouthwash	M
16.10 Talc	L

17.0 HYDROCARBONS

	<u>RANKING</u>
17.1 Aliphatic	H
17.2 Aldehydes	L
17.3 Alkyl halides	L
17.4 Aromatic	H
17.5 Ketones	M
17.6 Solvents	H
17.7 Terpenes	M

18.0 INDUSTRIAL TOXICOLOGY

	<u>RANKING</u>
18.1 Biological Monitoring, General	M
18.2 Metals and Metalloids	H
18.2.1 Aluminum	M
18.2.2 Antimony	L
18.2.3 Arsenic (arsine)	H
18.2.4 Barium	M
18.2.5 Beryllium	M
18.2.6 Boron	L
18.2.7 Cadmium	M
18.2.8 Chromium	M
18.2.9 Cobalt	M
18.2.10 Copper	M
18.2.11 Gallium	L
18.2.12 Germanium	L
18.2.13 Indium	L
18.2.14 Lead	H
18.2.15 Lithium	H
18.2.16 Magnesium	M
18.2.17 Manganese	M
18.2.18 Mercury	H
18.2.19 Metal Fumes	M
18.2.20 Nickel	L
18.2.21 Osmium	L
18.2.22 Palladium	L
18.2.23 Phosphorous	M
18.2.24 Platinum	L
18.2.25 Rare earths, thorium	L
18.2.26 Selenium	M
18.2.27 Silicon	M
18.2.28 Silver	L
18.2.29 Tellurium	L
18.2.30 Thallium	M
18.2.31 Tin	L
18.2.32 Titanium	L
18.2.33 Tungsten	L
18.2.34 Vanadium	M
18.2.35 Zinc	M
18.2.36 Zirconium	L
18.3 Toxic Gases	H
18.3.1 Carbon monoxide	H
18.3.2 Chlorine, Chloramine	M
18.3.3 CO ₂	M
18.3.4 Cyanide	H

18.3.5 Ethylene Oxide, propylene oxide	L
18.3.6 Freon and propellants	M
18.3.7 H ₂ S (sulfides)	H
18.3.8 Methane, propane, butane	M
18.3.9 NO ₂ (nitrogen oxides)	M
18.3.10 N ₂ O	M
18.3.11 Phosgene	M
18.3.12 Smoke	M
18.4 Acid Esters (Butyl Acetate)	L
18.5 Acrolein	L
18.6 Acrylamide	M
18.7 Acrylates	L
18.8 Aluminum Chloride, Anhydrous	L
18.9 Amines (including Hardening Agents)	L
18.10 Asbestos	H
18.11 Azide	M
18.12 Bischloromethyl Ether (BCME)	M
18.13 Bromates	M
18.14 Bromine	M
18.15 Butadiene	L
18.16 Butyl Mercaptan, Mercaptans	L
18.17 Carbon black	L
18.18 CS ₂	M
18.19 Chloracetyl chloride	L
18.20 Chlorates	M
18.21 Chloroisocyanurates Pool, Stabilizer	L
18.22 Coal Tar Products, General	L
18.23 Cresols (Lysol, Creosote, Creosol)	L
18.24 Cutting Oils, Emulsions, Drawing Oils,	M
18.25 Drawing Compounds	L
18.26 Dibromochloropropane (DBCP)	M
18.27 Dibutylcarbitol Formal	L
18.28 Dimethylformamide (DMF)	L
18.29 2,4-Difluoronitrobenzene	L
18.30 Dimethylacetamide	L
18.31 Dinitrobenzene	M
18.32 Dinitrotoluene (DNT)	M
18.33 Dioxin	H
18.34 Epichlorohydrin	L
18.35 Epoxy Resins (Phthalates)	L
18.36 Ethers, General	L
18.37 Ethers, Chlorinated (chlormethoxy,etc)	L
18.38 Ferrocyanide	L
18.39 Fiber, General, Wollastonite, Kevlar, Aramids	L
18.40 Formic Acid	M
18.41 Formaldehyde	M

18.42	Glutaraldehyde	M
18.43	Hexachloro-1, 3-Butadiene	M
18.44	Hexamethyldisilazane	L
18.45	Isocyanates (TDI, MDI, MIC)	H
18.46	Methanethiol	L
18.47	Methylene-bis-orthochlotoaniline	L
18.48	Methylene Dianiline	L
18.49	Hydrazines	M
18.50	2-Nitromethane	L
18.51	2-Nitropropane	L
18.52	Occupations – Epidemiology	M
18.53	Oxalic acid	M
18.54	Paraphenylenediamine	L
18.55	Polyhalogenated biphenyls	M
	18.55.1 PBB	M
	18.55.2 PCB	H
18.56	Halogenated Polyaromatic hydrocarbons	H
	18.56.1 Dibenzodioxins	M
	18.56.2 Dibenzofurans	M
18.57	O-phenylenediamine (PDA, OPD)	L
18.58	Phosphorus trichloride	L
18.59	Phthalimidoaldehydes	L
18.60	Polyurethane	L
18.61	Pyridine	L
18.62	Resins, industrial, general	L
18.63	Silicon tetrachloride	L
18.64	Soldering Flux	L
18.65	Stoddard solvent	L
18.66	Styrene	L
18.67	Tannic Acid	L
18.68	Tetramethyl guanidine	L
18.69	Thiocyanates and nitriles	M
18.70	TOCP, tricresylphosphate, TCP	M
18.71	Toluenediamine (TDA)	L
18.72	Trimellitic anhydride	L
18.73	Trimethoxyboroxine (TMB)	L
18.74	2,4,7-Trinitro-9-Fluorenone	L
18.75	Xylidine	L
18.76	Hydroquinones	L
18.77	Vinyl Chloride	M

19.0 NATURAL PRODUCTS

	<u>RANKING</u>
19.1 Amphibians	L
19.2 Aquarium products	L
19.3 Fungi	L
19.3.1 Aflatoxins	M
19.3.2 Mushrooms	H
19.4 Insects and Scorpions	M
19.5 Mammals	M
19.6 Ocean and marine life	H
19.7 Plants	H
19.7.1 Cardiovascular Toxic	M
19.7.1.1 Aconitum	H
19.7.1.2 Cardiac Glycosides	H
19.7.1.3 Sodium Channel modulators	H
19.7.2 Cutaneous Toxic	L
19.7.2.1 Oxalates	M
19.7.2.2 Toxicodendrons	L
19.7.3 Gastrointestinal Toxins	L
19.7.4 Hepatotoxic	L
19.7.5 Metabolic Toxins	L
19.7.6 Neurotoxic plants	M
19.7.6.1 Anticholinergics	M
19.7.6.2 Nicotine agonists	M
19.7.6.3 Water Hemlock	M
19.8 Reptiles	L
19.9 Spiders	M
19.10 Veterinary products	L

20.0 PESTICIDES

	<u>RANKING</u>
20.1 Aviacides (chloralose)	L
20.2 Chlormequat	L
20.3 Fertilizers	L
20.4 Fungicides	L
20.4.1 Paradichlorobenzene	M
20.4.2 Dithiocarbamates	L
20.4.3 Methylmercury	H
20.4.4 Dichlorobenzene	M
20.5 Herbicides	M
20.5.1 Chlorophenoxy compounds	M
20.5.2 Diuron	L
20.5.3 Glyphosate	M
20.5.4 Paraquat and diquat	H
20.5.5 Substituted phenols	L
20.5.6 Thiocarbamates	L
20.6 Insecticides and Molluskicides	M
20.6.1 Carbamates	H
20.6.2 Chlorinated hydrocarbons	H
20.6.3 Metaldehyde	M
20.6.4 Nicotine	M
20.6.5 Organophosphates	H
20.6.6 Piperonyl butoxide	M
20.6.7 Pyrethrum, pyrethrins	M
20.7 Mothballs	M
20.7.1 Paradichlorobenzene	M
20.7.2 Naphthalene	M
20.8 Repellents	L
20.8.1 Animal immobilizing agents	L
20.8.2 Human repellents	L
20.8.3 Insect and spider repellents	L
20.9 Rodenticides	H
20.9.1 ANTU	M
20.9.2 Fluoride	M
20.9.3 Fluoroacetate	M
20.9.4 Strychnine	M
20.9.5 Vacor, streptozocin, alloxan	L
20.9.6 Warfarins	H

21.0 PHARMACOLOGY

	<u>RANKING</u>
21.1 Techniques for extracorporeal drug removal	H
21.2 Drug excipients	H
21.3 Drug interactions, general	H
21.4 Pharmacogenetics	M
21.5 Pharmacokinetics	H
21.6 Adverse drug reactions	M

22.0 REPRODUCTIVE TOXICOLOGY

	<u>RANKING</u>
22.1 Agents affecting female reproductive capacity	L
22.2 Agents affecting male reproductive capacity	L
22.3 Biotransformation of exogenous chemicals	L
22.3.1 Drugs & chemicals with toxicity on gonads	M
22.3.2 Inhibitors of steroidogenic enzymes	L
22.3.3 Occupational exposure to lead and Chromosomal aberration	M
22.4 Blood testis barrier	L
22.5 Human risk factors affecting fertility	L
22.5.1 Environmental chemical exposure	M
22.6 Reproduce endpoints to indicate reproductive dysfunction	L
22.7 Teratology	M
22.8 Feto-toxicity	M

23.0 TOPICAL AND OTC AGENTS

	<u>RANKING</u>
23.1 Cough and cold preparations	L
23.1.1 Cold preparations	L
23.1.2 Cough preparations	L
23.1.3 Nose drops and sprays (including imidizoles)	L
23.2 Ear preparations	L
23.3 Eye preparations (22.1.3 for imidizoles)	M
23.4 Foot preparations	L
23.5 Non-oral contraceptives (spermatocides)	L
23.6 Topical non-steroidal medication	L
23.6.1 Camphor	M
23.6.2 Dinitrochlorobenzene (DNCB)	L
23.6.3 DMSO	M
23.6.4 Essential Oils	M
23.6.5 Podophyllin	L
23.6.6 Sulfur	L
23.6.7 Sunscreens	L
23.6.7.1 PABA	M
23.6.7.2 Witisol	L

24.0 VITAMINS, MINERALS, BONE DISEASE, ENDOCRINE AGENTS

	<u>RANKING</u>
24.1 Diabetic drugs	H
24.1.1 Insulin	M
24.1.2 Oral Diabetes agents	H
24.2 Electrolytes and minerals	L
24.2.1 Calcium	M
24.2.2 Magnesium	M
24.2.3 Potassium	L
24.2.4 Sodium	L
24.3 Erthropoietin	L
24.4 Etidronate disodium (EHDP, Didronil)	L
24.5 Immunosuppressants	L
24.5.1 Cyclosporine	M
24.6 Iron	H
24.7 Somatostatin analogues (octreotide), etc.	M
24.8 Steroids	L
24.8.1 Birth control pills	L
24.8.2 Steroid inhibitors	L
24.8.3 Steroids, anabolic	L
24.8.4 Steroids, systemic	L
24.8.5 Steroids, topical	L
24.8.6 Trilostane	L
24.9 Thyroid drugs	M
24.9.1 Propylthiouracil	L
24.9.2 Thyroid hormones	H
24.10 Vasopressin (ADH, DDAVP)	L
24.11 Vitamins	M
24.11.1 Calcium hopantenate (pantothenic acid antagonists)	L
24.11.2 Pyridoxine	H
24.11.3 Vitamin D	H
24.11.4 Vitamin E	M
24.11.5 Vitamin C	M
24.11.6 Niacin	M
24.11.7 Vitamin A	M