

Calms Liver Wind



Herb Pharmacology

中藥藥理學

Gou Teng 钩藤
(slightly cold)



Chemical Composition	Rhynchophylline, isorhynchophylline, corynoxine, isocorynoxine		
Pharmacological Effects	Antihypertensive	CNS suppressant	Antiseizure
	Uterine suppressant		
Clinical studies and research	Hypertension	Infantile night crying	
Herb-Drug Interaction	caffeine		



Tian Ma 天麻
(Neutral)



Chemical Composition	Gastrodin, 4-hydroxybenzyl alcohol, daucosterol, succinic acid, vanillin,		
Pharmacological Effects	Sedative	Antiseizure & anticonvulsant	
	Cardiovascular		
Clinical studies and research	Headache	Seizures	
	Nerve pain		



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Bai Jiang Can 白僵蚕
(neutral)



Chemical Composition	Protein, lipids, ammonium oxalate		
Pharmacological Effects	Antiseizure	Sedative	Antibiotic
Clinical studies and research	Epilepsy	High fever with seizure	
Herb-Drug Interaction			



Di Long 地龙 (cold)



Chemical Composition	Lumbrofebrine, lumbritin, terestrolumbrolysin, adenine, hypoxanthine		
Pharmacological Effects	Antiasthmatic	Cardiovascular	
	Uterine stimulant	Antiseizure	Antipyretic
	Hematological		
Clinical studies and research	Hypertension	Epilepsy	
	Schizophrenia	Asthma	



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Dai Zhe Shi 代赭石 (cold)



Chemical Composition	Aluminum, silicon, magnesium, tin, calcium, deferric trioxide		
Pharmacological Effects	Smooth muscle stimulant		
Clinical studies and research	Auditory vertigo		



Ci Ji Li 刺蒺藜 (Neutral)



Chemical Composition	Kaempferol, kaempferol-3-glucoside, tribuloside, furostanol bisglycoside		
Pharmacological Effects	Diuretic	Cardiovascular	
Clinical studies and research	Warts	Vitiligo	
Herb Drug Interaction	Diuretics		



神農氏
SHEN NONG SHI

HERB

Open the orifices herbs



Herb Pharmacology

中藥藥理學

She Xiang 麝香
(warm)



Aromatic



Chemical Composition	Muscone, normuscone, muscopyridine, allantoin, androsterone, olein		
Pharmacological Effects	Effects on the central nervous sys.	Cardiovascular	Antibiotic
	Uterine stimulant	Antineoplastic	
Clinical studies and research	Angina	Hepatitis and cirrhosis	
	Low back pain	vitiligo	Cancer



Bing Pian 冰片 (Mildly Cold)



Chemical Composition	Borneol, isoborneol, camphor, humulene, caryophyllene, asiatic acid		
Pharmacological Effects	Antibiotic	Effect on pregnancy	
Clinical studies and research	Dizziness	Dermatological use	
	Otitis media	Herpes zoster	





Tonify Qi Herbs

Herb Pharmacology

中藥藥理學

Ren Shen 人參
(slightly warm)



Chemical Composition	Triterpene saponins, aglycone(20S)-protopanaxadiol (ginsenoside Ra0,Ra1,Ra2, Ra3....)		
Pharmacological Effects	Effects on the central nervous system		Endocrinological
	Immunostimulant	Cognitive	Cardiovascular
	Hypoglycemic		antihyperlipidemic
	Hepatoprotective		Reproductive
Clinical studies and research	Shock	Cardiac ischemia	Leukopenia
	Sexual dysfunction	Diabetes mellitus	Addisons's disease
	Spleen deficiency		Hypertension & atherosclerosis
	Hypercholesterolemia		Coronary artery disease
	Acute hepatitis		
Herb-Drug Interaction	Antidepressants	ethanol	antidiabetics



Huang Qi 黃芪
(Warm)



Chemical Composition	Acetylastragaloside I, astragaloside I-IV, astramembrannin II			
Pharmacological Effects	Immunostimulant	Hematopoietic	Renal	
	Metabolic	Effect on cAMP & cGMP	Antibiotic	
	Antihypertensive	Hepatoprotective	Sedative & analgesic	
Clinical studies and research	Prevention of common colds and influenza		Prevention of pulmonary tract infection	
	Prevention of upper respiratory tract infection in children		Prevention of asthma & cough	Rhinitis
	Peptic ulcer disease	Gastric prolapse	Rectal prolapse	
	Hepatitis	Immune disorder	Reversal of immune suppression	
	Leukopenia	Immune restoration	Nephritis	
	Nephropathy	Glomerulonephritis	Psoriasis	
	Pulseless disease	Prostatic hypertrophy		
Herb drug interaction	Aminoglycosides			





Gan Cao 甘草
(neutral)



Chemical Composition	Triterpenoids, flavonoides,		
Pharmacological Effects	Mineralocorticoid	Glucocorticoid	
	Anti-inflammatory	Antiarrhythmic	Immunologic
	Gastrointestinal	antispasmodic	Antitoxin
	Hepatoprotective	Antitussive & expectorant	
	Analgesic	Antibiotic	Antihyperlipidemic
	Clinical studies and research	Endocrine	Adisons' disease
Peptic ulcer		Tuberculosis	Hepatitis
Arrhythmia		Back & leg pain	Purpura
Intestinal spasm		Purpura	Intestinal spasms
Food poisoning		Mushroom poisoning	Profuse uterination
Tonsillitis		Phlebits	Acute mastitis
frosbite			
Herb drug interaction		Corticosteroids	Digoxin

Herb Pharmacology

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Dang Shen 党参
(Neutral)



Chemical Composition	Alkaloids, glycosides, flavonoids, triterpenoids, essential oils		
Pharmacological Effects	Adaptogenic	Gastrointestinal	Immunostimulant
	Hematological	Cardivascular	
Clinical studies and research	Uterine bleeding	hypotension	



Bai Zhu 白朮
(warm)



Chemical Composition	Atractyol, atractylon, junipercamphor, atractylolide, hydroxyactylidide		
Pharmacological Effects	Adaptogenic	Immunostimulant	Gastrointestinal
	Antiplatelet	Diuretic	Antidiabetic
	Antineoplastic		
Clinical studies and research	Diarrhea	Hepatic disorder	Constipation
	Excessive salivation	Chronic back & leg pain	Meniere's disease
Herb -drug interaction	Omeprazole	Anticoagulant or antiplateeted drugs	diuretics



Herb Pharmacology

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Shan Yao 山药
(neutral)



Chemical Composition	Choline, dopamine, batasine, abscisin, starch 16%		
Pharmacological Effects	Antidiabetic	Gastrointestinal	
Clinical studies and research	Infantile diarrhea	Infantile indigestion	
Herb-Drug Interaction	Antidiabetics		





Bai Bian Dou 白扁豆 (neutral)



Chemical Composition	Triterpenoids, flavonoides,		
Pharmacological Effects	Mineralocorticoid	Glucocorticoid	
	Anti-inflammatory	Antiarrhythmic	Immunologic
	Gastrointestinal	antispasmodic	
Clinical studies and research	Hypertension	Epilepsy	
	Schizophrenia	Asthma	





Tonify the blood Herbs

Shu Di Huang 熟地黄
(slightly warm)



Chemical Composition	Catalpol, aucubin, melittoside, rehmanniosides A, B, C, D		
Pharmacological Effects	Anti-inflammatory	Endocrine	Others
Clinical studies and research	Hypertension	Myelitis	
	Electric ophthalmitis		



Herb Pharmacology

中藥藥理學

E jiao 阿膠(Neutral)



Chemical Composition	Collagen, amino acids, sodium, potassium, calcium		
Pharmacological Effects	Hematological		Cardiovascular
	Effect on calcium metabolism		
Clinical studies and research	Pulmonary tuberculosis	Chronic ulceration of the legs	Leukopenia and anemia
	Unstable pregnancy		



Bai Shao 白芍
(mildly cold)



Chemical Composition	Paeoniflorin, albiflorin, oxypaeoniflorin, benzoylpaeoniflorin		
Pharmacological Effects	CNS suppressant		Gastrointestinal
	Antibiotic	Antipyretic & anti-inflammatory	Antiplatelet
	cardiovascular		
Clinical studies and research	Intestinal spasm	Pain	Trigeminal neuralgia
	Myotonia	Habitual constipation	Peptic ulcer
	Muscle spasms and twitching in the facial region		
	Pain in the lower back and legs		hyperosteogeny
	Whooping cough	Asthma	Restless leg syndrome
	Diabetes mellitus		
Herb-drug interaction	Anticoagulant or antiplatelet drugs		Antidiabetics
	sedatives		

