Patents for LIV and GB Disorders

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General Introduction

• Liver Blood & Yin
• Liver Qi & Yang

Pathogens
Dampness-heat; Heat (Fire);
Emotion changes.
Liver wind, Yang Rising.
Patents for Hypertension, Vertigo

- Liver (Yin Def.) Yang Rising
- Liver Wind
Tian Ma Gou Teng Yin Wan
“gastrodia, uncaria cool decoction”

Ingredients (classic formula)

Sang ji sheng; du zhong; Shi jue ming; Chuan niu xi; Gou teng; Tian ma; ye jiao teng; fu ling; yi mu cao; zhi zi; huang qin

Functions

• subdues LIV Yang, extinguish wind
• Clears heat
• Tonifies KI, nourish LIV
Clinical Applications
1. Dizziness or headache due to raising Yang
2. Mild hypertension symptoms including headache, tension in shoulders and neck.
3. Facial paralysis, deficiency Bi syndrome, deficiency Wei syndrome, trembling or twitching of limbs, and following stroke.

Precautions
cautions during pregnancy (chuan niu xi)

Brands; Packaging & Dosage
Plum flower: bottles of 200 pills, 8-12 TID
Herbal times: bottles of 100 pills, 5-8 TID
Chai Hu Long Gu Mu Li Wan
“bupleurum, dragon bone, oyster shell pills”

**Ingredients** (classic formula)

Plum flower: Chai hu; huang qin; zhi ban xia; Dang shen; da zao; sheng jiang. Fu ling; gui zhi; mu li; long gu;

Herbal times: dang shen → ren shen

**Functions**

- Smoothes LIV qi, cools LIV heat; subdues yang,
- Transform phlegm
- Tonifies qi
Clinical Applications
1. Liver qi & liver yang causing chest oppression with palpitations, delirious speech, irritability, anxiety or fright.
2. Neurotic disorders due to fright, hysteria, schizophrenia, insomnia, epilepsy.
3. Hypertension, hyperthyroid and menopausal disorder.

Precautions
Prohibited during pregnancy.
Long gu, mu li are heavy, may cause digestive upset.

Brands; Packaging & Dosage
Plum flower: bottles of 200 pills, 8-12 TID
Herbal times: bottles of 100 pills, 5-8 pills TID
**Jiang Ya Pian / “lower blood pressure tablets”**

**Ingredients** (plum flower)

Chong wei zi; niu xi; sheng di huang; e jiao; dang gui; gou teng; chen xiang; chuan xiong; xia ku cao; mu dan pi; tian ma; da huang; huang lian; ling yang jiao; hu po

**Bio Essence Brand; Tanglong brand:**
Zhen zhu mu *Mother of pearl;* Long dan cao *Gentiana;* Niu xi *Achyranthes;* Huai hua *Sophora jap;* Sheng di *Rehmannia;* Xia ku cao *Prunella*

**Functions** (plum flower)

- Nourish KI yin, tonifies blood
- Settles the LIV, subdues Yang, clears heat

**Bio essence; tanglong:**

- Settles the LIV, subdues Yang, extinguish wind
- Tonifies blood, invigorates blood
**Clinical Applications**
Plum flower:
Hypertension due to yin deficiency with LIV yang raising. symptoms : dizziness, vertigo, headache, elevated blood pressure, flushed face, pressure behind the eyes, tinnitus, irritability.

Bio essence; Tanglong:
1. hypertension due to LIV yang raising; symptoms are: dizziness, vertigo, headache, elevated blood pressure, red face, pressure behind the eyes, stiff neck…
2. spasm and tremors.

**Precautions**
Prohibited during PREGNANCY ; not longer time taking it.

**Packaging & Dosage**
Plum flower: bottles of 100 tablets, 6 tablets BID-TID
Bio essence: Bottles of 200 pills, 6- 8-11 BID-TID
Tanglong: Bottles of 200 pills, 8-12 TID

**Brand**
Plum Flower; Tanglong; Bio Essence (variation)
Luo Bu Ma “apocynum herb”

**Ingredients**
Luo bu ma; gou teng; xia ku cao; ju hua; ze xie; shan zha; zhen zhu mu; niu xi

**Functions**
- Settles LIV, extinguish wind, clears heat, subdues yang,
- Eliminates damp, transforms
- Phlegm, benefits the heart

**Clinical Applications**
1. Hypertension with high cholesterol, symptoms: vertigo, headache, flushed face, pressure behind eyes, irritability, retention of fluids.
2. also used to prevent stroke.

**Precautions** prohibited during pregnancy

**Packaging & Dosage**
plum flower: Bottles of 100 tablets, 4 tablets 1-2-3 x day.
Baoding drug factory: Bottles of 100 tablets, 4-6 tablets 3 x day.

**Brand** Plum flower; baoding drug factory
Patents for Hepatitis/Inflammation of GB/ Gallstone

- Liver & GB Dampness-heat
- Liver Fire (Heat)
- GB stone
Long Dan Xie Gan Wan
“Gentiana Drain-the-Liver Pills”

Ingredients
Long can cao Gentiana; Zhi zi Gardenia; Huang qin Scutellaria; Chai hu Bupleurum; Ze xie Alisma; Mu tong Caulis mutong; Che qian zi Plantago; Dang gui Angelica; Sheng di huang Rehmannia; Gan cao Licorice

Functions
• Discharge LIV/GB Damp-Heat accumulation
• Discharge Excess LIV Fire

Brand
Guangzhou Pharmaceutical Minshan Herbal Times
Plum flower Tanglong Bio Essence
Kwangchow first Chinese Medicine Factory Shanghai
Clinical Applications
Representative Rx: **D-H in LIV/GB – Clear H, Reduce Excess Fire**

1) **Excess Damp-Heat ----LIV/GB (including meridians)**
   Sx: red, swollen eyes, headache, bitter taste, earache, sudden deafness; irritability & short temper; may also have hypochondriac pain; urine may be dark and scanty; T: red w/ y coat; P: rapid, wiry, forceful

2) **Western dz: acute**: conjunctivitis, otitis media, nasal furuncle, hypertension d/t Excess LIV Fire, hepatitis w/ jaundice, shingles, cholecystitis, pyelonephritis, cystitis, urethritis, PID, vulvitis, or prostatitis

3) **Fibromyalgia d/t latent D-H pathogen**

**Precautions**
- **PREGNANCY**
- Not for pure Xu type
- Do not take for long-term!

**Packaging & Dosage**
8-10 pills, TID
Wen Dan Tang Wan / “warm GB decoction pills”

Ingredients
Zhu ru; zhi shi; ban xia; chen pi; fu ling; gan cao; sheng jiang; da zao

Functions
Normalize qi, harmonize GB and ST
Transform phlegm

Clinical Applications
1. stagnation of GB affecting ST, causing accumulation of phlegm heat in the interior. Symptoms are: diverse, and include dizziness, vertigo, headache, nausea, vomiting, poor appetite or digestion, anxiety, insomnia, irritability, depression, chest or costal oppression, or palpitation.
2. seizure disorders marked by frothy phlegm.
3. hepatitis, gastritis, digestive fullness, and chronic GB inflammation.

Brands; Packaging & Dosage
Plum flower: Bottles of 200 pills, 8-12 TID
Herbal times: bottles of 100 pills, 5-8 TID
Ji Gu Cao Wan / “Abrus Pills”

**Ingredients**

Ji gu cao *Abras*; She dan *Snake bile*; Niu huang *Cow gallstone*;  
Zhen zhu *Fr pearl*; Gou qi zi *Lyceum*; Dang gui *Angelica*; Dan shen *salvia*

**Functions**

- Clear LIV H, clear bile ducts; Detoxication  
- Anti-inflammation, Stop pain (hypochondriac)

**Clinical Applications**

*Severe D-H injuring LIV/GB → Yu* - *Hepatitis and jaundice (Detox Fire Poison)*

1) D-H in LIV/GB: Acute hepatitis w/ or w/o jaundice  
   hepatits or cholecystitis associated w/ D-H  
2) LIV H syndrome and eliminate LIV Fire – Sx: dizziness, vertigo, tinnitus, ear pain,  
   burning urination  
3) Hepatitis A can be treated very well w/ this

**Precautions**

Not good for the SP def./ KI &Liver Yin Def. Type hepatitis.

**Brand, Packaging & Dosage**

Plum Flower Brand; Yulin Drug Manufactory. 4 pills, TID, after meals
Li Dan Pian / “Benefit Gall Bladder Pills”

Ingredients
Jin qian cao Desmodium;
Yin chen hao Artemesia;
Huang qin Scutellaria;
Da huang Rhubarb
Mu xiang Saussurea;
Jin yin hua Lonicera;
Chai hu Bupleurum;
Da qing ye Isatis; Che qian zi.

Functions
• Clear bile ducts, Eliminate inflammation
• Clear D-H from Liver & GB
• Expels stones, Relieves pain
Clinical Applications

**D-H in the LIV & GB**

-Clear H, Reduce Excess fire

1) Acute or chronic inflammation in the bile ducts or cholecystitis; hepatitis and yang jaundice
2) Tx Gallstones (cholecystolithiasis) – this Rx will help aid in shrinking stones “helps expel smaller stones <1 cm in diameter”

Accompanying Sx: costal pain, jaundice, muscle tension, headache

3) Very useful patent to aid in the treatment of chronic GB congestion and irritation

Precautions

- PREGNANCY
- Stop if diarrhea develops

Packaging & Dosage

4-6 tablets, PO TID

Brand

Tsingtao Pharmaceutical Works
Changshou Medicinal Health Co.
Plum Flower
Li Dan Pai Shi Pian  “benefit GB, expel stone tablet”

**Ingredients**

**Herbal times:**
Yin chen hao; jin qian cao; huang qin; mu xiang; bing lang; yu jin.
da huang; hou po; zhi shi; mang xiao

**Qingdao medicine work:**
Jin qian cao; yin chen hao; da huang; mu xiang; zhe ke; yu jin; da fu pi; hou po; mang xiao

**Functions**
- Dispels damp heat
- Soothes LIV,
- Expels stones
Clinical Applications
1. dissolution and expulsion of gallstones, with accompanying symptoms of gallbladder inflammation, costal pain, jaundice, muscle tension or headache.
2. useful for chronic hepatitis.

Precautions
Prohibited during pregnancy.

Brand; Packaging & Dosage
Herbal times: bottles of 100 pills, 5-10 pills BID
Qingdao: bottles of 120 tablets, 6-10 BID (for inflammation: 4-6 tablets BID, take 10-15 days as a course of treatment, then wait 7 days before second course)
Patents for Harmonizing
/Soothing Liver & GB
Xiao Chai Hu Tang Wan
“minor bupleurum decoction pills”

**Ingredients** (classic formula)
Chai hu; ban xia; huang qin. dang shen; da zao; gan cao; sheng jiang

**Functions**
Dredges LIV qi, soothes liver, clear liver heat
Harmonizes and resolves half exterior-half interior
Transforms phlegm, tonifies SP qi

**Precautions**
Contraindicated for LIV yang raising or LIV fire causing hypertension or headache.
Contraindicated in case of vomiting of blood due to deficiency of yin.
**Clinical Applications**

1. harmonize and resolve Shaoyang syndrome, including exogenous heat toxins that have moved in towards the interior, causing costal distension, lymphatic congestion, alternating chills and fever, bitter taste in mouth, nausea, and lingering illness.

2. stagnation and congestion of liver qi causing digestive disturbance, including nausea, poor appetite, epigastric or costal distention, blood sugar imbalance, and in chronic hepatitis and cholecystitis.

3. menstrual disorders due to liver qi stagnation, include irregular periods and premenstrual tension.

4. other symptoms may include fatigue and irritability.

5. malaria, cholecystitis, chronic hepatitis, jaundice and amenorrhea.

**Brands; Packaging & Dosage**

Minshan; Lanchow Foci; Tanglong : bottle of 200 pills, 8-12 TID.

Herbal times: bottles of 200 pills, 5-8 TID.

Bio essence: bottles of 200 pills, 6-8 pills BID-TID.
Chai Hu Shu Gan Wan
“Bupleurum Soothe Liver Teapill”

Ingredients
Chai hu *Bupleurum*;
Chao bai shao *Paeony*;
Gan cao *Licorice*;
Chao zhi ke *Citrus*;
Chen pi *Orange peel*; Cu zhi xiang fu *Cyperus*;
Chuan xiong *Ligusticum*;

Chai Hu Shu Gan Wan is an elaboration of Si Ni San + Chen pi, xiang fu and chuan xiong

Functions
• Dredges the LIV, Soothes LIV
• Invigorates Xue
• Harmonize LIV and SP
• Stop pain
Clinical Applications

*LIV Qi Yu*

1) **LIV Qi Yu** and Xue stagnation causing: costal fullness, poor circulation, cold feet & hands, belching, n, alternating fever & chills, gastritis, PMS, dysmenorrhea and hepatomegaly
2) Can be used adjunctively in cases of mastitis, chronic Hepatitis, fibrocystic breasts and gallstone.

Precautions

Brands; Packaging & Dosage
Plum flower: bottles of 200 pills, 8-12 TID
Herbal times: bottles of 100 pills, 5-8 pills TID
**Xiao Yao Wan** “free and easy wanderer teapills”

**Ingredients**
Chai hu; dang gui; bai zhu; bai shao; fu ling; sheng jiang; gan cao; bo he

**Functions**
- Soothes LIV, dispels LIV stasis,
- harmonize LIV and SP
- Moves qi, invigorate blood
- Tonifies SP, tonifies blood
- Regulate menses
**Clinical Applications**

1. PMS, Dysmenorrhea, menopause
2. LIV-SP disharmony: poor digestion, costal pain, poor appetite, loose stool, constipation
3. Chronic hepatitis
4. Alternative chills and fever of malaria

**Precautions**

Not too high dosage for PMS

**Brands; Packaging & Dosage**

Minshan; Plum Flower; Tanglong, Lanchow Foci: Bottles of 200 pills, 8-12 pills, BID-TID

Herbal times: bottles of 100 pills, 4-6 pills TID

Bio essence: bottles of 200 pills, 6-8-11 pills BID-TID
Shu Gan Wan / “Soothe Liver Teapills”

**Ingredients (Plum flower/Minshan)**

Bai shao; Zhi shi (zhi ke); Hou po; xiang fu; Yan hu suo; Mu dan pi; Sha ren; Qing pi; Chen pi; Chai hu; Bai dou kou.

**Functions**

- Soothe LIV, Smooth depressed LIV Qi,
- Clears LIV Heat
- Aid digestion, remove dampness
- Stop pain in the MJ; harmonize Liver & ST
Clinical Applications

**LIV Qi Yu -- LIV \( \rightarrow \) SP/ST**

1) LIV Qi Yu – Sx: hypochondriac pain and distension, abdominal pain in the LIV/GB areas (pain may radiate)

2) LIV \( \rightarrow \) SP/ST – Sx: poor digestion, epigastric distension or pain, indigestion, nausea, vommiting, burping, hiccups, regurgitation associated w/ hyperacidity

3) Western disease: chronic: Hepatitis, cholecystitis and/or gallstones; acute or chronic gastritis; gastric or duodenal ulcer; functional or hysteria-related digestive disorders.

Precautions

PREGNANCY

Brands; Packaging & Dosage

Minshan; Plum Flower; Tanglong: Bottles of 200 pills, 8-12 pills, TID

Herbal times: bottles of 100 pills, 5-8 pills TID

Lanchow: bottles of 100 pills, 8-12 pills TID

Bio essence: bottles of 200 pills, 6-8-11 pills BID-TID

Herbal times/Bio essence

Bai shao; Fu ling; Zhi ke (zhi shi); Chen xiang; Jiang huang; Yan hu suo; Chuan lian zi; Chen pi; Sha ren; Mu xiang; Bai dou kou; Hou po; Yu jin

Lanchow: Chai hu; Gan cao; Mu xiang; Xiang yuan; Jiang huang; Fo shou; Chen xiang; Bai dou kou; Tan xiang
Zhen Gan Xi Feng Tang Wan
“Settle LIV, extinguish wind decoction pills”

**Ingredients**
Niu xi; dai zhe shi; long gu; mu li. gui ban; xuan shen; bai shao; tian men dong; chuan lian zi; mai ya; yin chen hao; gan cao

**Functions**
- Subdues LIV yang, settles the LIV, soothe LIV
- Extinguish wind
- Dredge and open the channels and collaterals
- Nourish yin and clear heat
Clinical Applications

1. Raising yang with deficiency yin causing dizziness, vertigo, tinnitus, headache, or cloudy consciousness. Other symptoms may include flushed face, belching.

2. Hypertension, following stroke, facial paralysis, aphasia (inability to speak), and trembling or twitching of limb.

Precautions

Prohibited during pregnancy.

Packaging & Dosage

Bottles of 200 pills, 8-12 pills TID

Brand

Plum flower
Jiang Ya Ping Pian /
“Hypertension Repressing & Normalizing Tablets”

Ingredients
Xia ku cao *Prunella*
Huang qin *Scutellaria*
Di long *Earthworm*
Ju hua *Chrysanthemum*
Huai hua *Sophora jap.*

Functions
• Clear LIV Heat, Settle Excess LIV Yang, Reduce Internal Wind
• ↓ high BP
• Soften blood vessels, yet strengthens to prevent leakage
• ↓ high cholesterol
Clinical Applications

*LIV Yang & LIV Fire: HYPERTENSION*
- Clear Heat, Reduce Excess fire

1) LIV Yang, LIV Fire presentations of hypertension
2) Tx high cholesterol, atherosclerosis, and hypertension, esp in the *early stage*
3) Blood vessels are not yet seriously hardened and atherosclerosis is not yet severe. Also, the high BP has not yet affected the heart, brain, or kidney f(x)
   *High BP should start to be reduced w/in 2 weeks of tx*
   *Sx of dizziness, headache, tinnitus, and excess anger will also improve*

Precautions
* More Heat, not so much for Wind – when compared to similar Rx
* Good for those who are borderline hypertension

Packaging & Dosage
3-4 tablets, POTID, for at least 3 2-week courses

Brand
Liaoyuan Pharmacuetic Works
Jilin Medicines & Health Products
Li Gan Pian / “Benefit Liver Tablets

* Although marketed as “Liver Strengthening” Formula, this Rx is draining

Ingredients

Jin qian cao *Desmodium*;

(Zhu) dan zhi *Pig bile*;

or niu dan *Cow GB*

Functions

• Clear H and D-H in the LIV/GB
• Soothes LIV, clears the bile ducts
• Expels gallstones: sandy grit, not large stones
Clinical Applications

*D-H in the LIV/GB - Clear H, Reduce Excess fire*

1) Basic foundational Rx for LIV/bile congestion; inflammation, gallstones
2) Chronic hepatits and cholecystitis – this Rx will decrease pain in the liver area – Sx: costal pain, jaundice, muscle tension, headache
3) Tx acute hepatitis w/ or w/o jaundice

**Precautions:** PREGNANCY

**Packaging & Dosage:** 2-4 pills, PO TID, after meals

**Brand**
Zhengjiang Chinese Medicine Works
Li Dan Hua Shi Pian
“benefit GB, transform stone pills”

Ingredients
Fuling; Jin qian cao; Yu jin; Chai hu; Huang qin; Qu mai; Da huang; Mu xiang; Yan hu suo

Functions
Dispels damp heat; Soothes LIV; Clears heat, resolves toxin; Expels stones

Clinical Applications
1. dissolution and expulsion of gallstones, with accompanying symptoms of gallbladder inflammation, costal pain, jaundice, muscle tension or headache.
2. useful for chronic hepatitis.

Precautions
Prohibited during pregnancy.

Packaging & Dosage
Bottles of 200 pills, 6-8-11 BID-TID

Brand: Bio essence