Patents for Five Senses’ Organ Disorders

Yuxing Liu Ph.D

Academy of Oriental Medicine at Austin
Allergies/Nasal Disorders

- Xin Yi Wan: Magnolia flower Teapills
- Cang Er Zi San Wan: Upper Chamber teapills
- Bi Yan Pian: Nasal Inflammation Pill
- Bi Yuan Pian: Nasal Sinusitis Pills
- Pe Min Kan Wan / Bi Min Gan Wan
- Yu Ping Feng jia Cang Er Zi San / "Jade Screen w/ Xanthium"
Xin Yi Wan  “Magnolia Pills”

Ingredients
Xin Yi hua; Bai zhi; Fang feng; Qiang huo; Xi xin; Gao ben; Chuan xiong; Sheng ma; Mutong;

Functions
Disperses wind cold, open the nasal passage; transform phlegm and dampness

Biomedical Actions
Diaphoretic, anti-inflammatory, analgesic

Features:
Postnasal drip; decrease or loss of sense of smell
Sinus and maxillary pain,
Nasal Congestion or copious watery or white nasal discharge
Clinical Applications

**Wind-Cold type** Acute and chronic sinus congestion, sinusitis and rhinitis; particularly good for chronic and stubborn sinus congestion with no heat signs, or with **white or watery** nasal discharge and postnasal drip. Sinus or frontal headaches.

**Precautions**
Contraindicated in sinus congestion from Heat.

**Packaging and Dosage**
Bottles of 200 pills
8 Pills Tid.

**Brands**
Plum Flower Brand;
Herbal Times Brand
Cang Er Zi san Wan  “Xanthium Powder Pills”

**Ingredients**
Cang Er Zi; Xin Yi hua; Bai Zhi; Bo He;

**Functions**
Disperse Wind; eliminates heat/cold;
Opens the nasal passage; relieves pain.

**Clinical Applications**
• For acute and chronic sinusitis and rhinitis
• Nasal congestion with profuse thick nasal discharge; sneezing, red itching eyes and frontal headache
• **Brands:** Plum Flower Brand

**Precautions**
Baizhi can cause anxiety or palpitation in patients with heart qi deficiency

**Dosage**
8 pills Tid
Bi Yan Pian / “Nasal Inflammation Pills”

Ingredients
Cang er zi: Xanthium + Xin yi hua: Magnolia flower +
Bai zhi: Angelica
Jing jie: Schizonepeta + Fang feng: Ledebouriella +
Wu wei zi: Schisandra
Zhi mu: Anemarrhena + (ye) Ju hua: Chrysanthemum.

Jie geng: Platycodon + Gan cao: Licorice + Lian qiao:
Forsythia; Yi tang (sugar)

Functions
Treats Wind-Heat (w/ pungent, cold herbs)

• Expel Wind-Heat
• More superficial: open nasal passages (nasal congestion, runny nose)
• Decrease swelling, transforms phlegm
• *Cooling formula
Clinical Applications

**Allergies** - acute or chronic rhinitis, nasal sinusitis, common cold, seasonal hay fever  - Sx: runny nose w/ lrg amts of yellowish, thick discharge w/ foul smelling odor (bacterial infection)

Stuffy nose

Hay fever, other allergies w/ rhinitis

**Precautions**
- Cang er zi is sl. toxic, ∴, follow recommended dosage

**Brands, and Dosaget**

**Chung lien Brand** (Chung Lien Drug Works; Wu han) with *Yi tang*(sugar)

**Plum flower Brand** (*no sugar*)
3-4 tablets/pian TID/ 8-12 pills/wan TID

- adults: 3-4 tabs, TID w/ warm water after meals
- Children (5-10 yrs): ½ dose  
  Children (>10 yrs): regular dose

**Available brands:**

**Jade dragon Brand**: Plum flower brand -Baizhi, +Huang bai+Du huo.
## Bi Yuan Pian

“Deep source nasal congestion tablet” “Nose Nasal Sinusitis Pills”

### Ingredients

- Cang er zi; Xin yi hua; Qian cao gen; Jin yin hua; Ju hua;
- 13 additional ingredients: Jing jie, Jie geng; Huang qin, Chi shao; Di gu pi; Bai zhi. Bo he .(Huo xiang; Long dan cao)

### Functions

Treats Wind-Heat (w/ pungent, cold herbs)
- Expel W-H (stickier, hotter)
- Deeper: sinus pressure
- Open nasal passages, relieve stuffy nose
- Stop pain
- clear thick phlegm-heat
Clinical Applications

1) Acute or chronic rhinitis, nasal congestion; sinusitis
   - Sx: Runny nose w/ yellowish, thick discharge and bad odor, nasal bleeding
2) Stuffy nose or obstruction
3) Remove nasal polyps, Remove blood stasis

Precautions
- Cang er zi is sl. toxic, ∴, follow recommended dosage
- No recommended for use w/ children

Brand, and Dosage
Min-Kang brand (Min-kang Drug Manufactory; Yichang)
Pe Min Kan Wan / Bi Min Gan Wan

Ingredients

"Te xiao bi min gan wan"

• Cang er zi: Xanthium; Xin yi hua: Magnolia flower; Bai zhi: Angelica root.
• Huo xiang: Patchouli; Long dan cao.
• Xiong dan zhi: Bear gall bladder (no longer included); Niu huang: Cattle gall stones; Ye ju hua: Wild chrysanthemum.

Functions

• Expel Wind, Eliminate inflammation – Clear Heat
• Opens nasal passages
• Resolves toxin, transforms phlegm, disp damp
• Stop headache d/t Wind
• Reduce asthma d/t allergy
Clinical Applications
Allergies/Nasal symptoms: obstruction (heat) – in the front of the face (runny, stuffy nose), headache, dizziness===Rhinitis, acute or chronic sinusitis
Modern: allergic rhinitis, chronic rhinitis & nasal sinusitis (stuffy, runny nose, sneezing, cough or asthma d/t allergy), acute/chronic bronchitis

Precautions
Not longer time use

Brands; Dosage
Fo Shan United Drug Manufactory
2-3 pills, TID;  chronic cases = take for 30 d (= 1 course of tx)

Available brands
Plum Flower brand: Xin yi hua+Cang er zi; Huo xiang; Ye ju hua; Fang feng; Bo he; Zi su ye; Ban lan gen; E bu shi cao.
Herbal Times brand: Xin yi hua +Bai zhi; Fang feng; Gao gen; Chuang xiong; Xi xin; Sheng ma; Gan cao;
Bio Essence Brand: Xin yi hua+Cang er zi+Bai zhi.; Jing jie+ Fang feng+wu wei zi; Lian qiao+Jie geng+Gan cao; Ye ju hua;
Yu Ping Feng jia Cang Er Zi San

“Jade Screen w/ Xanthium”

Ingredients
Yu ping Feng
Cang Er Zi san

Functions Clinical Applications
Wei Qi xu & acute nose sx; specially formulated for Austin area allergies
Patents for Throat disorders

Common symptoms

Sore throat, loss of the voice; dryness feeling; Plum-pit qi; itching feeling in the throat
Qing Yin Wan / “Pure Sound Pills” “Golden Throat Tablets

Ingredients
• Ge gen; Chuan bei mu; Tian hua fen; He Zi rou; Wu mei; Gan Cao; Honey

Functions
• Nourish yin and moisten throat
• Clear heat from the lung and throat;
• Stop pain

Brand and packaging
Tong Ren Tang (Beijing)
3 gram honey pills scaled in wax ball,
10 pills per box
Clinical Applications
1) Hoarse or raspy voice, or loss of voice following an upper respiratory tract infection, overuse or smoking. Much used for singer, teachers and public speakers
2) Recurrent or chronic soreness and irritation of the throat
3) Dryness of the oral cavity, either from a local pathology, the after effect of radiation treatment, or systemic pathology such as diabetes.
4) Prevention or alleviation of discomfort from polyps on the vocal cords

Precautions
- avoid spicy or excessively greasy foods, and other obvious irritants (like ciga) while using it

Methods of taking it
Take half to one pill, Bid.
   Chew, or cut and form into smaller pieces and swallow. The large bolus (pill) also can be soaked and dissolved in hot water.
Xuan Mai Gan Jie Chong ji

Ingredients
• Xuan Shen; Mai dong; Gan cao; Jie geng

Functions
Nourish yin and moisten throat   Clear heat; Stop pain

Brand and packaging

Clinical Applications
1) Hoarse or raspy voice, or loss of voice following an upper respiratory tract infection, overuse or smoking.
2) Recurrent or chronic soreness and dry throat

Precautions
- avoid spicy or excessively greasy foods, and other obvious irritants (like ciga) while using it

Methods of taking it
1 pack per time, Tid
Jin Sang Zi Pian / “Golden Throat Tablets”

Ingredients
• Luo Han guo; Qing Guo; Bo He nao; Sugar

Functions
• Nourish yin and moisten throat
• Clear heat, relieve cough

Clinical Applications
1) Hoarse or dry throat
2) Chronic deficiency cough emanating from the throat

Precautions
- avoid spicy or excessively greasy foods, and other obvious irritants (like ciga) while using it

Brand, Packaging and Dosage
Guanxi Jin Sang Zi Medicine Factory; (guanxi)
boxes of 20 candy tablets
Suck on one candy per dose, as needed
Shuang Liao Hou feng San /  
“Superior Sore Throat Powder”

**Ingredients**

- Huang lian; Bing Pian; gan cao; Shan dou gen/Ku Shen;
- Niu Huang, Zhen zhu; Qing dai.

**Functions**

- Disperses swelling
- Clear toxic heat from the throat; Stop pain

Strong heat purging topical formula for severe sore throat

**Brand**

Meizhou Medicine Factory; (Guandong)
Clinical Applications

1) **Heat toxins of the throat**: acute sore throat, laryngitis, tonsillitis. Also for painful mouth sores
2) Acute sinus or ear infection.
3) Topically in ulcerative skin lesions, burning and bleeding wound

Precautions
- no using during pregnancy. Borneol(Bing pian), is illegal in California; and can not use long time; only for 1-2 days.
-- Do not eat greasy, oily food when taking Rx

Packing and Dosage
Bottles of powder in Spray form.
For throat and mouth application, spray 3 times/day.
For sinusitis, spray in nose 5 times/day.
For toothache, sprinkle powder on cotton ball and place against the sore gum
For oozing mid-ear inflammations, wash with hydrogen peroxide.
Fu fang Xi Gua Shuang /
“Medical Compound Watermelon Frost”

Ingredients

Xi gua shuang: Watermelon frost; Qing dai: indigo; Chuan bei mu: Fritallaria; Shan dou gen: Sophora; Bing pian: Borneol; She gan: Belamcanda; Bo he nao: Mint oil; Gan cao: licorice

Functions

• Disperses swelling; Stop pain
• Clear heat, Cools Xue Heat; resolve toxic;
• Stops bleeding (for open wounds)
Wonderful patent for sore throat, mouth disorders.

Brand

Guilin Chinese Medicine Factory; (Guanxi)
Clinical Applications
1) Heat toxins causing acute sore throat, laryngitis,.
2) Acute tonsillitis or painful mouth sores
3) Toothache, tooth-gum bleeding.
4) Topically in ulcerative skin lesions, burning and bleeding wound

Precautions
- no using during pregnancy. Borneol (Bing pian), is illegal in California; and can not use long time.

Packing and Dosage
Bottles of powder (3 gram) in Spray form.
For sore throat; blow powder into back of throat with tube.
For sinusitis, spray into nose 5 times/day.
For toothache, sprinkle powder on cotton ball and place against the sore gum
For ear inflammations, apply topically to external ear
For bleeding wounds, apply powder directly, cover with bandage.
Patents for Ear and Eyes Disorders

- **Er Long Zuo Zhi Wan**
- **Er Yan Ling Oil** / “Specially Effective Ear Inflammation Effective Drops Ear Oil”
- **Ming Mu Di Huang Wan** / “Rehmannia Pills to Brighten the Eyes”
- **Ming Mu Shang Qing Pian** / “Brighten the Eyes, Clear (heat from) the Upper (body) Pills”
- **Shi Hu Ye Guang Wan** / “Dendrobiuim Night Bright Pills”
Er Long Zuo Zhi Wan /
“Tinnitus Left Supporting Pills”

Ingredients
• Liu Wei Dihuang wan + Chai hu; Wu Wei zi; Ci Shi (Magnetite)

Functions
• Tonifies Kidney yin and restrain exuberant yang
• Improve Kidney function and fluid metabolism

Brand
Lanzhou Foci Pharmaceutical Factory; (Guandong)
Clinical Applications

2) Mostly used for **chronic tinnitus** with a high pitch that is worse with fatigue, exertion and at night.
3) For Liver and kidney yin deficiency with Liver Qi stagnation-----visual problems like optic neuritis, optic nerve atrophy and central retinitis.
4) The biomedical conditions that may be alleviated by this formula include tinnitus in the elderly, chronic labyrinthitis, Meiniese syndrome and hypertension

**Precautions**

Contraindicated during early phase of acute illness(cold or flu)
Carefully use on the patients with Sp def.

**Packing and Dosage**

- Package in bottles of 200 pills.
- 8-12 pills Tid daily on an empty stomach. The dosage may be spread out or two lots of 12-18 pills may be taken.
Er Yan Ling Oil /  
“Specially Effective Ear Inflammation Effective Drops Ear Oil”

**Ingredients**
- Huang lian; Huang Bai; Huang Qin; Da huang; Ku shen; Bing Pian; Oil base.

**Functions**
- Clear heat, resolve toxins

**Clinical Applications**
1) **Acute ear infection** due to bacteria or viral microbes.( Externally).
2) Acute sore throat, and tonsillitis ( Orally taking)

**Brand, Packaging and Dosage;**
China National Chemicals I./E Corp; ( Zhejiang )
Bottles of 5 cc of oil
Apply 2 drops topically, Tid/ or as needed.
Qi Ju Di Huang Wan / "Lycii Chrysanthemum Pill"

Ingredients
- Liu wei di huang wan + gou qi zi & Ju hu

Functions
- Tonify Liv & KI
- Benefit/brighten the eyes

Brand

Clinical Applications
- eye weakening, eye strain,
- discomfort, blurry vision,
- excess tearing and sensitivity to light

Packing and Dosage
- bottles of 200 pills; 8 pills Tid. Best take with salt water
Ming Mu Di Huang Wan / “Rehmannia Pills to Brighten the Eyes”

Ingredients

• Liu Wei Di huang Wan + Gou Qi zi, Ju Hua = Qi Ju Di huang wan. + Dang gui; Bai shao; gan cao; Bai ji li; Gou teng.

Functions

• Tonify the Liver & Kidneys,
• Nourish Liver blood, restrains Liver yang,
• Brighten the eyes and improve vision

Brand

Lanzhou Foci Pharmaceutical Factory; (Gansu)
Clinical Applications
1) Chronic eye disorders due to liver & KI Yin and Blood def. Weakness of vision, floaters, chronically sore dry irritated eyes, bloodshot eyes, photophobia, excessive lacrimation, night blindness; Non-acute glaucoma; optic neuritis; retinal degeneration and atrophy of the optic nerve, or degenerative visual disorders.
2) Dizziness, vertigo or hypertension from Yin def. with yang rising.

Precautions
- not suitable for acute inflammatory eye disorders. Caution in patients with digestive weakness and spleen def.

Packing and Dosage
Bottles of 200 pills.

8-12 pills Tid daily before meals. The dose maybe spread out, or two lots of 12-18 pills maybe taken, morning and evening.
Ming Mu Shang Qing Pian / “Brightenthe Eyes, Clear (heat from) the Upper (body) Pills”

Ingredients
• Shan Zhi zi; Lian qiao; Huang lian; Huang qin; Ju hua; Bai ji li; Dan zhu ye; Mai dong; Che qian zi; Da huang; Dang gui; Calcium sulphate.

Functions
• Brightens the eyes, benefits vision.
• Clear heat  and damp heat from the Liver and Liver channel, disperse Wind Heat;

Brand
Tianjin Drug Manufactory; (Shandong)
Clinical Applications

1). **Wind heat**, heat in the liver channel or liver yang rising type inflammatory eye disorders associated with infection.

   Biomedical conditions like acute conjunctivitis, glaucoma; Ear and oral infection from Liver & gallbladder heat, Damp heat or Heart fire.

2) Acute urinary tract infection, systitis, urethritis or prostatitis from heat or damp-heat *Lin* Syndrome, or heart Fire invading the Small intestine.

3). Itchy inflamed skin disorders like eczema, urticaria and dermatitis.

Precautions
- no using during pregnancy.

Packing and Dosage
4-8 pills Bid;
Shi Hu Ye Guang Wan / “Dendrobrium Night Bright Pills”

Ingredients
Ren shen + Mai dong + Wu wei zi. Huang lian; Sheng di huang; Ju hua; Ling Yang jiao; Shui niu jiao. Niu xi; Rou cong rong; Gou Qi zi; Chuan xiong, fang feng; Zhi ke. Shi hu; Bai ji li; Qing xiang zi; Jue ming Zi.

Functions
• Clear heat, nourish liver & KI yin
• Subdues yang, brightens the eyes.

Brand
Plum Flower Brand
Tientsin Drug Manufactory; Tianjin
Clinical Applications

1) Many Eye disorders due to Liver yin Def. With rising liver yang or heat. Symptoms include: failing vision, photophobia, poor night version; pressure in or behind the eyes, dryness or redness with irritation
2) Cataract, glaucoma, retinitis, photophobia, optic neuritis, and recovery from eye diseases or surgery.

Precautions
- No using during pregnancy (Niu xi).
- This product lists antelope horn (Ling yang jiao)----endangered wildlife

Packing and Dosage
It meets Australian GMP standards.
Bottles of 200 pills.
Take 8 pills Tid/ day.