

Class 12: Internal damage fever, Parasitic Worm Patterns

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Internal damage fever nei shang fa re

- The fever results from internal etiological factors and their pathogenic mechanisms
- Depletion of qi, blood, yin or essence, or dysfunction of the viscera and bowels

Etiology and pathogenesis

- Emotional disruption, stress and taxation, improper diet and eating habits
- Dysfunction of the viscera and bowels and the consequent depletion of qi, blood, yin or essence

Patterns

- Qi stagnation fever
- Blood stasis fever
- Qi deficiency fever
- Blood deficiency fever
- Yin deficiency fever

Qi stagnation fever

- **Key symptoms:**
 - Feverish sensation related to changes in mood, emotional depression or irritability, oppression or distention in the chest and hypochondria, frequent sighing, dry bitter taste in mouth. Irregular menstruation, dysmenorrhea or breast distention. Yellow coating, wiry rapid pulse.
- **Treatment method:** dredge the liver, resolve stagnation, clear heat
- **Formula:** Dan zhi xiao yao San (Moutan and Gardenia free wanderer powder)
- **Acupuncture:** DU14 da zhui, LI4 he gu, LR3 tai chong, GB34 yang ling quan, SJ5 wai guan

Formula and modifications

- Dan zhi xiao yao San (Moutan and Gardenia free wanderer powder):
 - Chai hu, Bai shao, Dang gui, Bai zhu, Fu ling, Mu dan pi, Shan zhi zi, Zhi gan cao, Sheng jiang, Bo he
- Modifications:
 - For severe heat, delete bai zhu, add huang qin, long dan cao
 - For pain and distention of the chest and costal regions, add yu jin, chuan lian zi
 - For yin deficiency, use zi shui qing gan yin: sheng di huang, shan zhu yu, shan yao, fu ling, mu dan pi, ze xie, chai hu, bai shao yao, dang gui, shan zhi zi, suan zao ren

Blood stasis fever

- **Key symptoms:**
 - Tidal fever in the afternoon or at night, dry throat or mouth, pain with fixed location or palpable lumps, sallow complexion with scaling of skin. Dark purple tongue with macules. Thready rough pulse.
- **Treatment method:** quicken the blood, dispel stasis, clear heat
- **Formula:** Xue fu zhu yu tang (House of blood stasis expelling decoction)
- **Acupuncture:** DU14 da zhui, LI11 qu chi, UB17 ge shu, SP10 xue hai, SP6 san yin jiao

Formula and modifications

- Xue fu zhu yu tang (House of blood stasis expelling decoction):
 - Tao ren, Hong hua, Dang gui, Sheng di huang, Chuan xiong, Chi shao yao, Niu xi, Jie geng, Chai hu, Zhi ke, Gan cao
- Modifications:
 - To reinforce the effect of clearing heat and cooling the blood, add bai wei, mu dan pi
 - To reinforce the effect of clearing stagnant heat from the blood, add zhe chong, da huang
 - For vacuity of qi, add huang qi

Qi deficiency fever

- **Key symptoms:**
 - Fever especially after overwork, dizziness, weakness, shortness of breath, disinclination to speak, spontaneous perspiration, frequent contraction of colds, decreased appetite, loose stools. Pale tongue with thin white coating, thready weak pulse.
- **Treatment method:** tonify qi, strengthen the spleen, eliminate heat with warm sweet medicines
- **Formula:** Bu Zhong Yi Qi Tang (Tonify middle augment qi decoction)
- **Acupuncture:** Ren4 guan yuan, UB20 pi shu, ST36 zu san li, Ren6 qi hai, SP6 san yin jiao

Formula and modifications

- Bu Zhong Yi Qi Tang (Tonify middle augment qi decoction):
 - Huang qi, Ren shen, Bai zhu, Dang gui, Chen pi, Sheng ma, Chai hu, Zhi gan cao
- Modifications:
 - For spontaneous sweating, add duan long gu, duan mu li, fu xiao mai
 - For fever alternating with chills, sweating, oversensitive to drafts, add gui zhi, bai shao
 - For dampness, add cang zhu, hou po, huo xiang
 - For qi deficiency with damp heat, use sheng yang yi wei tang

Blood deficiency fever

- **Key symptoms:**
 - Mild fever accompanied by dizziness and vertigo, physical weakness and fatigue, palpitations, lusterless complexion, pale lips and nails. Pale tongue with weak thready pulse.
- **Treatment method:** benefit qi, nourish the blood, eliminate heat
- **Formula:** Gui Pi Tang (Spleen-Returning Decoction)
- **Acupuncture:** Ren4 guan yuan, UB17 dan shu, UB18 gan shu, ST36 zu san li, SP6 san yin jiao

Formula and modifications

- Gui Pi Tang (Spleen-Returning Decoction):
 - Huang qi, Bai zhu, Ren shen, Fu shen, Long yan rou, Suan zao ren, Mu xiang, Dang gui, Yuan zhi, Zhi gan cao, Sheng jiang, Da zao
- Modifications:
 - To moisten yin and nourish the blood and eliminate heat, add shu di huang, bai shao yao, qing hao
 - For severe palpitations and insomnia, add ye jiao teng, wu wei zi, long gu, mu li

Yin deficiency fever

- **Key symptoms:**
 - Tidal fever in the afternoon or at night, vexing heat in the five hearts or steaming bone fever, irritability, insomnia, frequent dreaming, flushed cheeks, night sweating, dry mouth and throat, hard dry stools, scanty yellow urine. Dry red tongue with little coating. Thready rapid pulse.
- **Treatment method:** nourish yin, eliminate heat
- **Formula:** Qing Gu San (Bone clearing powder)
- **Acupuncture:** UB23 shen shu, UB43 gao huang shu, KI3 tai xi, SP6 san yin jiao, KI1 yong quan

Formula and modifications

- Qing Gu San (Bone clearing powder):
 - Yin chai hu, Hu huang lian, Qin jiao, Bie jia, Di gu pi, Qing hao, Zhi mu, Zhi gan cao
- Modifications:
 - For severe depletion of yin, add sheng di huang, xuan shen, xi yang shen
 - For night sweating, delete qing hao, add duan mu li, fu xiao mai
 - For insomnia, add suan zao ren, bai zi ren, ye jiao teng
 - For constipation, add huo ma ren
 - For qi and yin deficiency, add bei sha ren, mai meng dong, wu wei zi

Parasitic Worm Patterns

Chong zheng

- Includes:
 - Roundworm, pinworm, tapeworms, and patterns related to biliary

Etiology and pathogenesis

- Consumption of infected foods
- Parasitic worms obstruct spleen and stomach qi---damp heat and food stasis---abdominal distention, pain
- Parasitic worms injuring qi and blood---emaciation and lack of strength

Patterns

- Roundworm Infection
- Pinworm Infection
- Tapeworm Infection
- Biliary roundworm

Roundworm Infection

- **Key symptoms:**
 - Intermittent pain in the umbilical region, epigastric discomfort, desire to eat peculiar or non-food substances. Sallow complexion, emaciation, itching of nostrils, drooling and grinding of teeth during sleep, small spots on the inside of lips or white patches on face and a history of worms passing with stool.
- **Treatment method:** quiet and expel roundworms, strengthen the spleen and stomach
- **Formula:** Wu Mei Wan (Mume Pill), Shi jun zi san (Quisqualis powder), Xiang sha liu jun zi tang (Sassurea and Amomum six gentlemen decoction)
- **Acupuncture:** M-UE9 si feng, SP15 da heng, ST36 zu san li, Ren6 qi hai, M-LE34 bai chong wo

Formula and modifications

- Wu Mei Wan (Mume Pill)
 - Wu mei, Chuan jiao, Xi xin, Huang lian, Huang bai, Gan jiang, Gui zhi, Ren shen, Dang gui
- Shi jun zi san (Quisqualis powder)
 - Shi jun zi, Wu yi, Chuan lian zi, Gan cao
- Xiang sha liu jun zi tang (Sassurea and Amomum six gentlemen decoction)
 - Ren shen, Bai zhu, Fu ling, Mu xiang, Sha ren, Zhi gan cao, Chen pi, Zhi ban xia
- Modifications:
 - To reinforce the expulsion of roundworms, add he shi, bing lang, ku lian pi

Pinworm Infection

- **Key symptoms:**
 - Itching of anus, especially during night, restless sleep. Presence of small white worms at the anus. Mild abdominal pain, loss of appetite, emaciation. Mostly in children.
- **Treatment method:** expel worms and relieve itching
- **Formula:** Shi jun zi Da huang fen (Quisqualis and Rhubarb powder)
- **Acupuncture:** M-UE9 si feng, SP15 da heng, ST36 zu san li, Ren6 qi hai, M-LE34 bai chong wo

Formula and modifications

- Shi jun zi Da huang fen (Quisqualis and Rhubarb powder):
 - Shi jun zi, Da huang

Tapeworm Infection

- **Key symptoms:**
 - Mild abdominal pain or distention and discomfort, itching of anus, diarrhea and presence of tapeworm segments in the stool. Sallow complexion, emaciation, fatigue, insomnia.
- **Treatment method:** expel worms, rectify the spleen and stomach
- **Formula:** Qu di tang (Flushing expulsion decoction), Xiang sha liu jun zi tang
- **Acupuncture:** M-UE9 si feng, SP15 da heng, ST36 zu san li, Ren6 qi hai, M-LE34 bai chong
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Formula and modifications

- Qu di tang (Flushing expulsion decoction):
 - Nan gua zi, Bing lang
- Xiang sha liu jun zi tang (Sassurea and Amomum six gentlemen decoction)
 - Ren shen, Bai zhu, Fu ling, Mu xiang, Sha ren, Zhi gan cao, Chen pi, Zhi ban xia

Biliary roundworm

- **Key symptoms:**
 - Sudden acute pain of epigastrium and right hypochondrium with pain extending through the back and right shoulder, nausea, vomiting, vomiting of worms in some cases and cold extremities, all symptoms seem to disappear with a sudden alleviation of pain, although returning later. On palpation, the abdomen feels soft, with the epigastrium and right hypochondrium sensitive to pressure. Thin white coating, hidden or wiry, tight pulse. During remissions, normal
- **Treatment method:** quiet and expel worms, relieve pain
- **Formula:** Wu Mei Wan (Mume Pill), Dan dao qu hui tang (Biliary roundworm expelling decoction)
- **Acupuncture:** Ren12 zhong wan, Ren13 shang wan, GB34 yang ling quan, ST36 zu san li, GB24 ri yue, ST2 si bai, LI20 ying xiang

Formula and modifications

- Wu Mei Wan (Mume Pill):
 - Wu mei, Chuan jiao, Xi xin, Huang lian, Huang bai, Gan jiang, Gui zhi, Ren shen, Dang gui
- Dan dao qu hui tang (Biliary roundworm expelling decoction)
 - Bing lang, Shi jun zi, Yan hu suo, Ku lian pi, Da huang, Mu xiang, Hou po
- Modifications:
 - To reinforce pain relief, add yu jin, yan hu suo, bai shao yao, gan cao
 - For constipation, add da huang, bing lang
 - For severe vomiting, add ban xia, chen pi
 - For infection with damp-heat, delete gan jiang, zhi fu zi, gui zhi increase dosage of huang lian, add jin yin hua, lian qiao, yin chen hao, shan zhi zi

Pulmonary Consumption

fei lao

- Communicable chronic consumptive disease of the lung, with characteristic symptoms of coughing, spitting blood, tidal fever, night sweating and emaciation
- Includes:
 - Infiltrative pulmonary tuberculosis, focal pulmonary tuberculosis, miliary pulmonary tuberculosis and fibrosa

Etiology and pathogenesis

- Internal factors
 - Weakened constitution, vacuity of both qi and blood, and vacuity of yin and essence
- External factor
 - Consumption parasite
- Lung and other visceral organs
- Depletion of yin
- Involves in the kidney, heart, spleen and liver

Patterns

- Lung yin deficiency
- Yin deficiency with empty heat
- Qi and yin deficiency
- Deficiency of yin and yang

Lung yin deficiency

- **Key symptoms:**
 - Dry cough with scanty phlegm, blood streaked phlegm, dull chest pains, afternoon tidal fever, flushed cheeks, night sweating, dry throat and mouth. Dry thin or peeling coating. Rapid thready pulse.
- **Treatment method:** nourish yin, moisten the lung, relieve coughing, kill worms
- **Formula:** Bai he gu jin tang (Lily Bulb Metal Securing decoction)
- **Acupuncture:** UB13 fei shu, LU9 tai yuan, UB43 gao huang shu, LU5 chi ze

Formula and modifications

- Bai he gu jin tang (Lily Bulb Metal Securing decoction):
 - Sheng di huang, Shu di huang, Mai men dong, Bai he, Bai shao yao, Dang gui, Chuan bei mu, Xuan shen, Jie geng, Gan cao
- Modifications:
 - For lung yin vacuity, add bei sha shen, yu zhu
 - For frequent blood expectoration, add bai ji, e jiao, xian he cao, bai mao gen, ou jie
 - For chest pain, add yu jin, yan hu suo
 - For tidal fever and vexing heat in five hearts, add qing hao, gui ban, di gu pi

Yin deficiency with empty heat

- **Key symptoms:**
 - Choking cough, rapid respiration, sticky scanty yellow phlegm, frequent spitting of bright red blood, steaming bone tidal fever, vexing heat in five hearts, flushed cheeks, heavy night sweating, irritability, insomnia, frequent dreaming, nocturnal emissions, irregular menstruation, emaciation. Red tongue with little coating, rapid thready pulse.
- **Treatment method:** moisten yin, diminish fire, relieve coughing, kill worms
- **Formula:** Qin jiao bie jia san (Large gentian and turtle shell powder)
- **Acupuncture:** UB13 fei shu, UB23 shen shu, UB43 gao huang shu, KI3 tai xi, LU10 yu ji, LR2 xing jian

Formula and modifications

- Qin jiao bie jia san (Large gentian and turtle shell powder):
 - Chai hu, Bie jia, Di gu pi, Qin jiao, Dang gui, Zhi mu, Qing hao, Wu mei
- Modifications:
 - To relieve vacuity fever, delete chai hu, add yin chai hu
 - To kill worms and relieve cough, add bai he, chuan bei mu, bai bu
 - For phlegm heat, add sang bai pi, ma dou ling, huang qin, yu xing cao
 - For bleeding, add mu dan pi, shan zhi zi, da huang tan
 - For heavy night sweating, add fu xiao mai, wu wei zi, duan long gu, duan mu li
 - For nocturnal emissions, add gui ban, shan zhu yu, qian shi, jin ying zi
 - For irregular menstruation, add bai shao yao, dan shen, mu dan pi, yi mu cao
 - For vexation and insomnia, shan zhi zi, ye jiao teng, suan zao ren, zhen zhu mu

Qi and yin deficiency

- **Key symptoms:**
 - Weak cough, shortness of breath, weak voice, phlegm with light red blood, afternoon tidal fever, flushed cheeks, night sweating, spontaneous perspiration, fatigue, poor appetite. Tender, red tongue with teeth marks, thin or peeling coating. Rapid thready forceless pulse.
- **Treatment method:** benefit qi, nourish yin, supplement vacuity, kill worms
- **Formula:** Bao zhen tang (True Safeguarding decoction)
- **Acupuncture:** UB13 fei shu, UB20 pi shu, UB43 gao huang shu, ST 36 zu san li, SP6 san yin jiao

Formula and modifications

- Bao zhen tang (True Safeguarding decoction):
 - Dang shen, Huang qi, Bai zhu, Fu ling, Chi fu ling, Shu di huang, Sheng di huang, Dang gui, Bai shao yao, Chi shao yao, Wu wei zi, Tian men dong, Mai men dong, Chai hu, Hou po, Di gu pi, Zhi mu, Huang bai, Chen pi, Lian zi xin, Sheng jiang, Gan cao, Da zao
- Modifications:
 - For consumption, delete chi shao yao, chi fu ling, hou po; add bai ji, chuan bei mu, bai bu
 - For coughing blood, add e jiao, xian he cao, san qi
 - For spleen deficiency, delete shu di huang, tian men dong, mai men dong; add shan yao, bian dou, yi yi ren

Deficiency of yin and yang

- **Key symptoms:**
 - Choking cough, spitting blood, steaming bone tidal fever, night sweating, loss of voice, spontaneous perspiration, fatigue, difficult respiration, edema of face and limbs, loose stools, spontaneous seminal emission, impotence, amenorrhea. Swollen tongue without coating. Weak pulse.
- **Treatment method:** Nourish yin, warm yang, supplement vacuity, kill worms
- **Formula:** Bu tian da zao wan (Heaven supplementing great creation pill)
- **Acupuncture:** UB13 fei shu, UB20 pi shu, UB23 shen shu, UB43 gao huang shu, Ren4 guan yuan, ST 36 zu san li

Formula and modifications

- Bu tian da zao wan (Heaven supplementing great creation pill):
 - Ren shen, Huang qi, Bai zhu, Fu ling, Shan yao, Dang gui, Bai shao yao, Gou qi zi, Shu di huang, Gui ban, Lu jiao jiao, Zi he che, Suan zao ren, Yuan zhi
- Modifications:
 - For reinforcing supplementation of vacuity and extermination of parasites, add mai men dong, e jiao, chuan bei mu, bai bu
 - For kidney deficiency with labored breathing, add dong chong xia cao, he zi
 - For diarrhea before dawn, add rou dou kou, bu gu zhi, wu zhu yu

Malarial Patterns

nue zheng

- An infectious disease characterized by cycles of recurring chills alternating with high fever. It caused by protozoan plasmodium.
- 24 hs malaria, 48hs malaria, 72hs malaria
- Typical malaria, cold malaria, warm malaria, taxation malaria
- Includes:
 - In western medicine, tt caused by protozoan plasmodium, which is spread by mosquitoes from and infected human host

Etiology and pathogenesis

- Invasion of malaria evils
- Improper diet and eating habits
- Physical condition is weak

Patterns

- Typical malaria
- Taxation Malaria

Typical malaria

- **Key symptoms:**
 - Cyclic bouts of chills and fever characterized by initial yawning and fatigue progressing into chills. Chills are replaced by signs of internal and external heat, fever, headache, red eyes, thirst and a large intake of fluids. Perspiration. Red tongue with thin white or yellow sticky coating. Wiry pulse.
- **Treatment method:** relieve shao yang symptoms, dispel evils, terminate malaria
- **Formula:** Xiao chai hu tang (Minor Bupleurum decoction)
- **Acupuncture:** UB11 da zhu, DU13 tao dao, SI3 hou xi, PC5 jian shi, SJ2 ye men, PC6 nei guan

Formula and modifications

- Xiao chai hu tang (Minor Bupleurum decoction):
 - Chai hu, Huang qin, Zhi ban xia, Sheng jiang, Ren shen, Zhi gan cao, Da zao
- Modifications:
 - To reinforce the effects of dispelling evils and terminating malaria, add chang shan, cao guo, qing hao
 - For predominant cold, add gui zhi, fang feng, qiang hu
 - For predominant dampness, delete ren shen, add cang zhu, hou po, chen pi
 - For excessive thirst, add ge gen, shi hu

Taxation Malaria

- **Key symptoms:**
 - Prolonged malaria, tiredness, fatigue, shortness of breath, disinclination to speak, poor appetite, sallow complexion, emaciation, spontaneous perspiration, recurrence of malaria symptoms with stress or strain, alternation of fever with chills and fever. Pale tongue, thready forceless pulse.
- **Treatment method:** boost qi, nourish the blood, dispel evils
- **Formula:** He ren yin (Flowery knotweed and ginseng decoction)
- **Acupuncture:** UB11 da zhu, SI3 hou xi, PC5 jian shi, SJ2 ye men, UB20 pi shu, ST36 zu san li

Formula and modifications

- He ren yin (Flowery knotweed and ginseng decoction):
 - Ren shen, He shou wu, Dang gui, Sheng jiang, Chen pi
- Modifications:
 - For dispelling evil and terminating malaria, add chang shan, qing hao