

Research and analysis of the ebony pill for the complex disease clinical treatment

YUAN Weixiang¹, SUTTISAKON WANTANACHAISAEANG², ZHANG Haozhong³,
CHENG Jian⁴, WIRAIRAT ANANTAKLIN⁵

Abstract The ebony pill is the classical prescription by ZHANG Zhongjing was frequently reported and researched by medical experts for treatment intertwist of cold with heat lesions miscellaneous diseases. As the author, I will use effective clinical cases to argue the composition and usage of this theory and research the origin and development of this prescription to show that his method and usage is correct and has definite effect for clinical treatment of various kinds of intertwist of cold with heat disease. The ebony pill is both cold and hot. Both attack and restore, adjust the Sanjiao, and promoting the circulation of twelve meridians. If correctly use in clinical. The dialectical and adjusting of treatment will gain the great result.

Keywords ebony pill; intertwist of cold with heat lesions; ZHAN Xichun; YUE Meizhong; miscellaneous diseases

The ebony pill is a classical prescription by Mr. ZHANG Zhongjing that presented in "ShangHanLun" that used for the colic caused by ascaris treatment at the earliest and it also recorded in the pharmacology of traditional Chinese medical formulae nowadays as expelling parasite prescription. However, the Qing dynasty medical doctor KE Qin believes that this prescription is a combination between cold and heat, purgation and tonification that can regulating sanjiao and the twelve meridians, Therefore, it can treat a variety intertwist of cold

¹NAKHONRATCHASIMA COLLEGE, Thailand, 30000

²Chandrakasem Rajabhat University, Thailand, 10900

³Tianjin University of TCM, Tianjin, 300193

⁴Hebei Cangzhou traditional Chinese and western medicine hospital, Hebei Cangzhou, 061001

⁵NAKHONRATCHASIMA COLLEGE, Thailand, 30000

and heat syndromes that difficult and complicated, and can be used for addition and subtraction. The statistics show that had up to 58 Chinese medicine diseases can use this prescription for the treatment^[1], so can conceivable that it has high usage value. The 326th article of "ShangHanLun" wrote "厥阴之为病，消渴气上撞心，心中疼热，饥不欲食，食

则吐蚘，下之利不止". This article is considered by many doctors who translated ancient article as the general principle for the treatment of jueyin disease. WU Kunan wrote in "ShangHanLun" that according to the six meridians syndrome differentiation, ZHANG Zhongjing is not only creating this prescriptions just for typhoid fever. Through the ideas of various scholars, we can know that ebony pills are not created just only for treated typhoid fever but also use for diseases that are consistent with jueyin diseases. This article records my flexible use of prescriptions, combined with the views of ZHANG Zhongjing and many doctors, to sort out the treatment process of syndrome differentiation in a case of mixed diseases treated by adding or subtracting ebony pill. The theory and using of ebony pill would also simply analyzed at the same time.

1 Literature review of ebony pill

Ebony pill was first recorded in the "伤寒论·辨厥阴病脉证并治第十二", written by Mr. ZHANG Zhongjing. The original text says "伤寒脉微而厥，至七八日肤冷，其人躁无暂安时者，此为脏厥，非蛔厥也。蛔厥者，其人当吐蛔。今病者静，而复时烦者，此为脏寒。蛔上入其膈，故烦，须臾复止，得食而呕，又烦者，蛔闻食臭出，其人常自吐蛔。蛔厥者，乌梅丸主之。又主久利". The original probably means to describe the suitable symptoms for ebony pills. In ZHANG Zhongjing's "金匱要略·跌蹶手指臂肿转筋阴狐疝蛔虫病脉证并治第十九" has mention to this prescription that it used for ascariasis treatment. According to ZHANG Zhongjing's point of view, many doctors later used this prescription to treat abdominal pain and other symptoms causes by ascarid. But after KE Qin had first mentioned that ebony pill is the main prescription for jueyin disease, not just for ascariasis," later doctors began to understand ZHANG Zhongjing's real idea of creating ebony pills. As Mr.XU Shuwei said "读仲景书，用仲景法，然未尝守仲景之方，乃为得仲景之心也" It means that many people read ZHANG Zhongjing's book and use his treatment method, but the real purpose of ZHANG Zhongjing to wrote this book is to make you have more innovative.

It can be seen that ZHANG Zhongjing's ebony pills was used to treat ascariasis at the earliest, but many doctors later have new developments on ebony pill. Due to ebony pill strict composition and accuracy of drug use make it suitable for many diseases of the same syndromes. As KE Qin said "this prescription is combination of cold and heat, attacking and tonifying, applying qi and blood, and regulating the sanjiao, which is the primary prescription for jueyin disease". Because the aconite in this prescription has the passing through the twelve meridians effect, it can be used to lead other drugs to the various meridian to treat many diseases, so I summarize the efficacy of ebony pills into " combination of cold and heat, attacking and tonifying, regulating the sanjiao and through the twelve meridians"

2 Case example

2.1 Case review

Mrs. JIANG 27 years old. Before the 31st March 2018 came to see doctor because of long-term fatigue and stomachache symptoms. The patient had hepatitis B 8 years before and now already recovery. But after the recovery the patient easy to fatigue and the symptom it getting worse when had activity, stomachache had getting worse when pressed, right side lateral thorax had no any sign of abnormal, sleepless, feel thirst at night, poor appetite, cold limb, dizzy, loose stool, advanced menstruation and not stop more than a week. The tongue body had red color without coating. The pulse was wiry thread and rapid, and weak at the "CHI" position. Through the treatment with tonifying qi nourishing yin and warm middle prescription. The symptoms was intermittence. The symptoms was dialectical analysis as intertwist of cold and heat syndrome, therefore use the original ebony pill for the treatment.

WuMei	12g	ChuanJiao	6g	GuiZhi	12g	ShuFuZi	3g
GanJiang	6g	XiXin	3g	DangGui	15g	DangShen	12g
HuangLian	6g	HuangBai	6g				

3 doses, water decoction, 1 dose/day, divided twice after meals.

The second visited fore symptom had better. The patient still felt slobbering at the night time. When visited was the patient period and had waist and abdomen pain. According to latest prescription adding WuZhuYu 5g, ShengBaiZhu 20g, XiangFu 12g

The third visited. The patient felt after took the latest prescription had more menstruation volume and had a lot of dark color blood. Fatigue symptom was obviously improved. Mood was getting better. The previously leucorrhea blood had completely improved. The patient symptom were all completely improved. Medical order was pay attention to diet and no need to take any more medicine.

2.2 Prescription analysis

Dangshen (*Codonopsis pilosula*) is slightly warm and cold. The "slight warm" is like the "warmth" in spring; the "slight cold" is like the "cold" in spring. This "warmth" and "cold" coincide with the symptoms of jueyin disease. It gets the spirit of clean yang in the earth and is born in the season of "spring gives birth to Shao Yang", so Dangshen (*Codonopsis pilosula*) comes to nourish the spirit. Danggui (*Angelica sinensis*) taste sweet, spicy, warm, direct to foot Jueyin, liver irritability, "sweet" can slow it down, "spicy" has the role of divergence, "warm" has the role of patency, the pathogen of the disease is intertwist of cold

and heat in Jueyin meridian, so Danggui (*Angelica sinensis*) is coincide medicine for the syndrome; Black plum has sour flavor that can astrinse the floating heat, invigorate Qi and return it to the original position, dispel the irritable heat, so it has a good effect on dry mouth and insomnia; Chuanjiao (*Zanthoxylum bungeanum* Maxim) flavor spicy and warm that can warm stomach and intestines, and can enter the right kidney MingMen, tonify the the primary yang in kidney, can warm the center of body and lower erjiao. Fuzi (Monkshood) has the Qi of burning the earth, and it also gets the heat of the sky, which decreases more and rises less. Guizhi(Cinnamon Twig) is spicy, sweet, warm, can stop irritation and saliva, compatible with Chuanjiao(*Zanthoxylum bungeanum* Maxim) can ignite the fire down to warm the door of life, dispel the cold under the coke to cure sparse excrement. Dried ginger is spicy, hot in nature, Xixin (*Asarum sieboldi* Mig.) is spicy in taste, hot in temperature, and both medicines can warm and dispel cold, and Xixin (*Asarum sieboldi* Mig.) has the nature of running, can be comfortable, can cure epigastric pain; Yin deficiency is the beginning of heat stomach knot, Huanglian (Rhizome of Chinese goldthread) taste bitter, cold, endowed by the cold and cloudy atmosphere of heaven and earth, for the saint grass under stagnation. Huangbai (*Phellodendron chinense* Schneid) has bitter taste, cold temperament, the most loudy Qi and cold nature, the main five viscera intestines and stomach heat knot, women have menstrual disease, make up for the deficiency of yin, so pyrolysis dampness and dryness can eliminate the relevant symptoms.

3 Summary and prospect

The patient in this article had hepatitis B and visited doctor with stomach disease, insomnia and menstrual problems. It can be classified to internal medicine miscellaneous diseases of traditional Chinese medicine. The patient has complex condition but it belong to intertwist of heat and cold condition. Chinese medicine has pays attention to treating diseases at the origin. The patient of this disease has complex condition but can grab the origin of this disease from syndrome differentiation. Provide addition and subtraction ebony pill for treatment that can gain satisfactory effect.

The ebony pill is one of both cold and heat prescription in "ShangHanLun". The method of creating this prescription is rigorous, the composition is accurate. Mr. ZHANG Zhongjing indicate ebony pill for ascariasis and dysentery primary prescription.

ZHANG Zhongjing created ebony pill afterward there were many doctors used this prescription for the various diseases and obtained good curative effect. The doctors owadays has expanded the scope of clinical application for ebony pill. LI Chengyu^[2] had summarized the clinical literature for 5 years and found that Zhongjing's ebony pill can use for treat internal injury as a primary prescription, especially use for digestive system diseases and also can use for external medicine, gynecology, ENT and mental illness and has satisfactory

clinical results. Regarding to Zhongjing's ebony pill at modern pharmacology research. The mainly reports is about digestive system diseases such as ulcerative colitis^[3-5], irritable bowel syndrome^[6] and there're few report about related research such as diabetes^[7] and related disease^[8-9], Pancreatic cancer^[10-11], Breast cancer^[12]. In summary, Zhongjing's ebony pill there is still a lot of room for expansion in clinical application. As the famous doctor LIU Youyu said "凡阳衰于下, 火盛于上, 气逆于中诸证, 皆随证施用" that explained the scope of prescription application. This shows that the dialectical was intertwist of cold and heat as the main cause. Whether the patient has whatever disease can use ebony pill as the primary prescription for the addition and subtraction.

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