The Experience of Professor Han Jie Treating Children Ulcerative Colitis from the Spleen and Kidney

Niu Jin Jin1, Hanjie2*, Sun huixia1, Liu Ningbo1, Yuan Yuan2

1Master graduate student, Henan University of Chinese Medicine, China, 2Digestive ward in the first affiliated hospital of Henan University of Chinese Medicine, China

INTRODUCTION

Ulcerative colitis (UC) is a clinical common disease, its pathogenesis is not yet clear, the clinical manifestations include diarrhea, and mucus purulent blood, digestive symptoms such as abdominal pain also can be associated with tuberous erythema, recurrent oral ulcer, chronic active hepatitis and other outside intestine manifestations. Ulcerative Colitis is also one of the major chronic gastrointestinal diseases of children, in Europe and United States and other western developed countries, The incidence of children ulcerative colitis is (13 ~ 32)/100000 [1-3], in recent years due to environmental changes and the improvement of diagnosis and treatment technology, the number of children diagnosed with ulcerative colitis appear obvious increasing trend. Children are still growing, so malnutrition and developmental delay are more common in children ulcerative colitis. Children ulcerative colitis are often characterized by physical declined and growth retardation, so early diagnosis and early treatment as important clinical value. Professor Han Jie long engaged in the diagnosis and treatment of Children Ulcerative Colitis from the spleen and kidney. On the basis of spleen and kidney, harmonize qi and blood, formed a complete set of treatment system, achieve good clinical effect. So as to provide the new ideas and new methods treating children ulcerative colitis with traditional Chinese medicine.

*Correspondence to: Hanjie, Digestive ward in the first affiliated Hospital of Henan university of Chinese Medicine, China. E-mail: han_jie1974@163.com

THE ACADEMIC THOUGHTS OF PROFESSOR HAN JIE TREATING CHILDREN ULCERATIVE COLITIS FROM THE SPLEEN AND KIDNEY

Children Ulcerative Colitis Associated with Congenital Kidney Empty

Based on modern medicine, Children ulcerative colitis (especially the duration >2 weeks) mainly due to the digestive system development is not yet mature, prone to gastrointestinal dysfunction, at the same time, the body’s defense function is poor, or because of the abuse of antibiotics to cause intestinal dysbacteriosis pathogens, so it is easy to cause diarrhea. Then the continuous intestinal mucosa damage and intestinal mucosa delay repair, cause diarrhea is difficult to cure. Studies have shown that the pathogenesis of Children Ulcerative Colitis is primarily a susceptibility genes associated with internal and external environmental factors [4].
“Plain Question. six section of zang-fu theory” says: “kidney governing hibernate, the foundmental of storage” [5]. The kidney is the foundation of the innate, children viscera are tender, and congenital deficiency, are characterized by growth retardation; And the kidney essence is the foundation of the zang-fu organs, the essence in kidney if not filled, the viscera qi will deficiency, lack of vital qi, so prone to disease. Ming dynasty, zhang jingyu said: “the kidney is the gate of stomach, opening to two Yin, so stoo and urine opening and closing all dominated by kidney”. Kidney deficiency can lead to deficiency of Ming fire, Ming fire failure, which can’t warm the spleen, the spleen is not healthy, dampness will purge into the large intestine to diarrhea. Yin qi is decline and can’t keep,and the Yang Qi originating and cannot be fixed. Dregs doesn’t transplant. Zheng qi fighting evil, so prone to compulsive diarrhea. In view of this, but also can have a variety of complex situations. As Mr.Pu Fu Zhou said: “early-diarrhea is not all kidney empty.

Children Ulcerative Colitis Related Spleen Deficient

Children’s viscera delicate, the development of spleen and stomach is not perfect, dyspepsia easily, harming the stomach easily, “diarrhea all due to spleen and stomach”. The spleen and stomach is damaged, water is not transportation, essence changed to dampness, down to the large intestine, changed to diarrhea. Children’s spleen is weak, dysfunction of transporting water fluid, phlegm and dampness endogened, reversely trapped spleen qi. spleen qi more deficiency, dampness more trapped, spleen qi is not sending up, spleen Yang will decline, that is “dampness win Yangqi leading to spleen deficient.

Mutual Nourishing by Congenital qi and Postnatal qi

Spleen Yang rely on Ming fire in kidney to help the spleen and stomach rotten food, at the same time, the hidden nature of the kidney essence continuously filling essences of spleen and stomach. congenital qi warming postnatal qi, postnatal qi feeding congenital qi. children are lack of congenital qi, unable to warm viscera, alongwith viscera dysfunction; If children’s spleen Yang is weak, unable to transport water and essence, causing kidney Yang waning. “Ming fire decline, fire not warm earth will lead spleen Yang more deficiency, water and grain not transplanted and transformed to forming diarrhea of spleen and kidney Yang deficiency. Characterized by long drain, stool clear and loose, cold extremities, listlessness, pale tongue whitish, fingerprint pale.

Remove Heat and Humid in Active Children Ulcerative Colitis

Children Ulcerative colitis have the following features: (1) the incidence is lower; (2) clinical manifestations as chronic diarrhea, mucus or mucous bloody stool and repeated stool is given priority than abdominal pain, vomiting, malnutrition and anaemia is more outstanding, outside intestine manifestations are rare. (3) colon lesions is priority to rectum and left half colon, and limitations on the right side of colitis colitis. (4) pathological changes is priority to acute inflammatory activity, related studies have shown that characterized under colonoscopy are mucosal hyperemia and edema, granular change, superficial ulcer and erosion, pathological examination of acute inflammatory cells infiltration and pit abscess [6].

In TCM, children’s viscera are tender, and spleen is often insufficient. Spleen dominates transportation, and the stomach dominates reception. spleen deficient lead to dysfunction, weak stomach is not rotten grains, so water changes into wet, grain changes the dyspepsia, the turbid can’t be distinguished, which lead to diarrhea of spleen deficiency. External factors with the dampness, dampness intrusion, harming spleen and stomach, so-called “wet leads diarrhea”. Internal factors is the closest relations with spleen deficient, spleen deficient leads to endogenous dampness, as Zhang JingYue named “diarrhea all due to spleen and stomach.” spleen deficient can’t transform dampness, and dampness can damage the function of spleen and stomach, spleen deficient and dampness influence each other. The dampness is the most important factor, which will lead the disease long duration of treatment. “whoever diarrhea are belong to dampness” [7].

Based on the pathogenesis characteristics of the Children UC, the treatment of strengthen spleen and kidney, removing dampness can be used, especially removing dampness. That is said “removing water to strengthen the spleen”. “To treat dampness,no urinate, no treat”.

Treatment Agent: Decoction of Likely Sishen Pill and Shenlingbaishu Powder

Tutor thinks, treating children UC need to distinguish the excess syndrome and deficiency syndrome, and distinguish between primary and secondary. excess syndrome always dampness dominated, dampness and heat down, leads to diarrhea. Removing dampness and diuresis as treatment. Deficiency is spleen Empty and kidney empty, for the treatment of strengthening spleen and benefiting kidney using likely Sishen pill and Shenlingbaishu powder. likely Sishen pill is origated by tutor can strengthening spleen and kidney, and preventing greasy in the stomach. Wei roukou can warm spleen and kidney, as an anti-diarrhea medicine; Ding xiang, warms middle jiao to disperse cold; muxiang, homonizes the spleen and stomach and stops the pain; Mugu, soothes the liver and stomach. The formula has the following characteristics: One, treatment with spleen and kidney, stagnation; Second, using warm medicine with astringence medicine;Third, warm spleen Shared with homarnized spleen. Four, with “tong” for use, promoting qi and Tong Fu therapy.
Local Enema to Improve Curative Effect, Suppository Consolidation Treatment

The lesion of Children UC always in the distal colon, most studies have shown that repair, elimination of lesions depends on the degree of pathological changes of drug concentration with local activation [8] local drug concentration is more high, degree of activation, the repair of lesions will be the sooner the thoroughly. So using traditional Chinese medicine enema and suppository can improve curative effect.

Because of this disease is systemic and local characteristics of different performance, overall systemic immune dysfunction is priority, while the local inflammatory response is dominate. Medicines are up to the overall adjustment function, through Chinese traditional medicine decoction retention enema make good contact with lesions directly, improve the local environment and microcirculation, eliminate inflammation, edema, promote healing of ulcer surface, so as to achieve the purpose of improving the overall conditioning and local inflammation. Tutor use seven carbon decoction [9,10] (won the national invention patent 2018) to treat children UC, having good effects.

Tutor select 9 common Chinese medicine to made of Jianpi Suppository. for late therapy. haungqi not only have the bidirectional immune regulation, and the scavenging free radicals, promote protein synthesis, guide the function such as unripe interferon can strengthen body resistance, reduce the damage to the body’s pathogen, promote the recover damaged tissue, is more than a drug effect. Dangshen can enhance the body’s immune function, can promote blood cells increase, improve the blood system, have excited central nervous function and improve the body’s resistance to fatigue, and so on. Baishu atractylodes can enhance the phagocytosis of the body of the reticuloendothelial system, promote cellular immunity. Machixian for dysentery bacillus, escherichia coli, salmonella typhi, has inhibitory effect on staphylococcus aureus and other bacteria,also can improve immune function, its aqueous extract has the effect of antismooth muscle spasm. Diyu is anti-diarrhea, anti-inflammatory, antibacterial, spasmylosis, and promoting the role of immune;Baiji is a kind of mucosa protectant, benefitting qi and blood, stopping bleeding, and as a ulcer surface protection. All decoction play spleen antidiarrheal and cool blood hemostasis effect.

TYPICAL CASES

Child, male, 5 years old, with “repeatedly diarrhea with purulent blood 10 months, add 1 week” for the complain in 2017-4-6. The patient had appeared repeatedly diarrhea for 10 months. stool paste, 4 ~ 5 times a day, with mucus purulent blood, colonoscopy: rectum, sigmoid colon with multiple erosion and ulcer. Continuously give the Mazalamine for treatment, but recurrent symptoms occur.

In order to further treatment, so hospitalization. Western diagnosis of ulcerative colitis, TCM diagnosis of Dysentery (spleen and kidney deficiency with damp and heat). Treat with strengthening spleen and kidney, and removing heat and humid.

The Prescription

Roudoukou20g Muxiang10g Dingxia5g
Mugua10g
Dangshen20g Baishu20g Fuling20g
Shanyao20g
Huanglian6g
Yiyiren30g Grgrn10g Huangqin12g
Huanglian6g
Machixian20g Dijincao15g Baiji5g Diyu15g
Shanyao20g Yiyiren30g Grgrn10g Huangqin12g
Huanglian6g
Machixian20g Dijincao15g Baiji5g Diyu15g
Gancao5g
7 agent and oral
Retention enema with seven carbon decoction: (by national patent, hidden 2 herbs).

The second time clinic

Defecate is still loose, purulent blood decreased significantly, add shanyao,yiyiren to 30 g, 7 agents, in order to achieve the strengthening spleen and anti-diarrhea effect.

The second time clinic

Defecate without purulent blood, basic heal, stop using Chinese medicine enema, giving the Jianpi Suppository once-daily for a month. in order to consolidate curative effect. after the follow-up, curative effect is satisfied.

Press

Diarrhea, loose stools, are belong to Yang deficiency. Selects likely Sishen pill and Shenllingbaishu powder. At the same time, removing heat and humid. Children viscera delicate, spleen and stomach function is not yet perfect, therefore, should not blindly warming in case of closing doors to keep coach in case.

REFERENCES


