Clinical study on treatment of infantile Mycoplasma pneumoniae pneumonia with traditional Chinese and western medicine

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Abstract: Objective to study the therapeutic effect of integrated traditional Chinese and Western medicine on children with Mycoplasma pneumoniae pneumonia. Method selection 2015 Year 1 Month ~ 2015 Year 6 Month in our hospital, children with Mycoplasma pneumoniae pneumonia as research object, randomly divided into trial and control groups, each example contrast group with general treatment, the test group was then given oral Chinese herbal medicine on the basis of the control groups. Treatment of cough and heat by prescription, All treatment Seven day 1 Sessions. Results after treatment, Group effect + example, valid example, Invalid 2 Example, The total effective rate is 97.33%; The control group's doing the example, has effect example, is not valid Example, The total effective rate is 82.67%; Comparison of two groups of effects, The test group is significantly better than the controls, difference is statistically significant...<0.05). Conclusion combination of traditional Chinese and western medicine in the treatment of mycoplasmal pneumonia in children the effect of "", is worth popularizing.

Keywords: Mycoplasma pneumoniae; Children; Integrated Chinese and western medicine; Figure category number in R725.6 Document identification code B

DOI: 10.16282/J.Cnki.cn11-9336/R.2015.36.107
Mycoplasma pneumoniae(mycoplasmal pneumonia) Yes
A clinically very common pneumonia is infected with Mycoplasma pneumoniae(mycoplasmapneumoniae) the airway and lungs caused by

Acute inflammatory change, often has pharyngitis, Bronchitis, pneumonia and send [1]. This disease accounts for the total number of pneumonia 10% around, fornon-bacterial lung inflammatory 1/3 and above [2], more onset seasons in winter and spring, is especially good children group, pathological changes of mycoplasma pneumonia in children include alveolar congestion, edema and inflammatory exudation. If you do not receive effective treatment, can cause heart failure, Severe and hair, Which threatens the health and life of the child, therefore need to be given Active and effective treatment. Western Medicine treatment of the disease with azithromycin, erythromycin antibiotics mainly, simultaneous symptomatic treatment, but with a session than long, side effects large, Less likely to relapse, etc., while Chinese medicine is governing has a certain advantage in treating the disease. In recent years, the author has combined traditional Chinese and western medicine Two ways to treat infantile Mycoplasma pneumoniae pneumonia, The has an ideal cure effect, present report.

1. Data and methods

1.1 like data

Select 2015 Year 1 Month ~ 2015 Year 6 Month of pneumonia in our hospital Body Pneumonia Children (example As object of study, to randomly divide it into trial Group and control group, each example Group male example, Women cases, Age 2.5 ~ 6 years old, average age 4.1 ± 0.6 year
old, duration H~5.5 Day, average (2.1 ± 0.3) Day; control group male example, female example, age 3~5.5 year old, duration H~5 Day, Pingall (2.0 ± 0.5) Day. The gender of the two groups of children, age and duration of the illness, etc. on data comparison, difference no statistically significant (User > 0.05).

1.2 Toinclude case criteria

① Age 2~6 year old, men and women are not limited to. ② conform to Mycoplasma pneumoniae Clinical Research article number ISSN. 2095-6681. 2015. 036. 187. 02 Clinical Diagnostic criteria for pneumonia, has a typical fever, cough and other clinical performance, chest X line check has significant inflammation performance. ③ mycoplasma pneumoniae body antibody test positive. ④ excluding all allergies and the test for this drug allergy in the examination. ⑤ excluding merging there are other systems with serious disease people. ⑥ signed by the child's family informed consent letter.

1.3 Method

Control group given general treatment: injection azithromycin citrate Two hydrogen sodium, (product name is that Qi, specification 0.25g/Branch, zhejiang Generallos Kang Yu Pharmaceutical Co., Ltd. production, H20020338) tenmg/kg Join 5% glucose injection "ML medium, 1 times/D static drop, continuous drug 5 Day, stop drug 4 Day, Tobe suspended by azithromycin againagent product name Hishumi, The specification is 0.1G/Bag, Pfizer has Limited company production, H10960112 5~tenmg/kg. 1 Times/Dorally, to consolidate effect; for injection with inflammatory----The (specification form/,, Yue Kang Pharmaceutical Group Co., Ltd. production, H20065987) 7.5mg/kg Add 5% glucose injection SmLin, 1 Times/DDrop, Continuous use of 7 days after stop medicine; Is also based on the patient's illness, unite toresolvephlegm, Asthma, Acetaminophen, cough and anti-infection treat. Total treatment Days is 1 session, total 1 Session. test Group on control basis, to Chinese Herbal Formula granules orally, Self-prepared cough and heat-relieving party, drug composition as follows: Bupleurum 6~9G, Fritillaria 5~9G, Scutellaria baicalensis 5~9G, Houttuynia corda Ten~G, Almonds 5~9G, Chuanxiong 5~9G, earthworm 3~6G, Wu-mi 5~9G, To theaudience 5~9G, Todry 5~9G, Suspense 5~TenG, Roasted Licorice 5~6G, lagent/D, withboiling water about mL take after taking, minutes later 2 Oral. Total treatment page Day is 1 Session, Total 1 Session.

1.4 Therapeutic Criteria[4]

① is a kick in: cough, Fever, wheezing, lung wet and dry sound, etc. clinical manifestations disappear or significantly reduce, chest X line tip inflammatory disease

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Journal of Chinese and western medicine official disease Cardiovascular disease Journal The integrated Traditional Chineseand Western Medicine

disappears or significantly improves. ② valid: cough, Fever, wheezing, Lung the Department has improved its clinical manifestations such as wet and dry sounds, chest X line tip inflammatory lesions Improve. ③ Invalid: Clinical Symptoms, sign, chest. X line no improvement, even aggravates.

1.5 Statistical Methods

Apply SPSS 17.0 Statistical software analyzes data, Count data with x Validation, metering data with Validation, with P<0.05 is Difference has statistically significant.

2. Results
after treatment, Test group, example, is a kick in, example, takes up 73.33%, valid example, takes up 24.00%, is not valid example, takes up 2.67%, the total effective rate is 97.33%. Control group, has a very, very, example, takes up 42.67%, valid example, takes up 40.00%, is not valid example, takes up 17.33%, the total effective rate is 82.67%. Two groups of effect comparison, group significantly better than control groups, difference is statistically significant ( corpse < 0.05 ).

3. Discussion

Children with Mycoplasma pneumoniae pneumonia can be classified as Traditional Chinese medicine, cough, Asthma, such as the disease category, disease location in the lungs, the main pathogenesis of is the child viscera not flush, essence not open, every chill, pathogenic flow of wind and heat et al., seasons, on foreign invasion, hits the muscle table, Follow through, invasion of lungs, cause lung gas not clear, hot evil in the disease, so pay attention to the treatment of Hot Poison, cough and asthma. Azithromycin is the main use of Western medicine in treating this disease.

Drug, and the injection of inflammatory Hu Ning is refined from the Chinese herbal medicine extract and the, has better anti-infection, anti-virus, qingre jiedu, enhancing body exempt pharmacological actions such as plague[5], on this basis, I am prepared to cough and heat” square, bupleurum, radix scutellariae and qingre, ,, Dry, golden Suspense Heat solution Poison, houttuynia cordata, Platycodon grandiflorum qingre expectorant, Fritillaria, Almond Cough and phlegm to relieve the gasp, chuanxiong, Earthworm to promote blood circulation, Stir-Licorice Phlegm Cough, Reconciled drugs. whole-side, co-played clearing heat and resolving phlegm, effect of cough-relieving asthma.

To summarize, combined Traditional Chinese and western medicine to treat infantile pneumonia branch Native Pneumonia, effectively relieves symptoms and signs of children, and can shorten the session, reducing side effects of pure Western medicine, satisfactory results, valuer to promote.

References