

Study on birth endowment regularity of children with hyperactivity disorder

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Abstract: *Objective: To investigate the trend and difference of five-way six-qi distribution in children with attention deficit hyperactivity disorder (ADHD) at birth. Methods: 101 children with attention deficit hyperactivity disorder (ADHD) were enrolled in this study. Results: The results showed that the most branch years were Geng Yin year and Xin Mao year, and the least branch years were Jiashen year and Bing Shen year, and the distribution of branch years was statistically significant ($P < 0.05$). Conclusion: The distribution of trunk branches at birth in children with ADHD has some influence on the acquired disease.*

Keywords: *five movements, six qi, hyperactivity disorder, date of birth*

1. Introduction

Children's attention deficit hyperactivity disorder (attention deficit hyperactivity, ADHD), also known as hyperactivity disorder, is a common neurodevelopmental disorder in children^[1]. Compared with children of the same age, it has more activities, difficulty in concentration, more small movements in class, short duration of self-control, especially reflected by teachers, and has more temperament. The process of the disease is slow, extending to adolescents and even adults, affecting children's learning, behavior, self-esteem, etc. It is very easy to cause anxiety, depression and anti-social personality, which brings certain harm to children and their families and even society^[2]. At present, many attention defects and obstacles are combined with other mental diseases, so many psychotropic drugs are required for treatment, but there are certain adverse reactions^[3]. As the traditional medicine of the motherland, TCM has a long history. When treating ADHD, TCM, auricular acupuncture, acupoint application, massage and other means are adopted, which has advantages of good curative effect, few side effects, easy acceptance by parents and children, low cost^[4-6]. The theory of five movements and six qi is a way to link the natural qi and the law of human body disease and to derive treatment

The doctrine of the principle of treatment and health preservation^[7]. According to the date of birth of the children with ADHD who were diagnosed as the first in clinic, combined with the knowledge of five-way and six-qi, this paper studies the relationship between the five-way and six-qi in children with attention deficit hyperactivity disorder.

2. Data Source

The date of birth of children with ADHD who were treated in Affiliated Hospital of Shaanxi University of Traditional Chinese Medicine from January 2015 to January 2021 was collected, excluding those with age >12 years or age <12 years but symptom duration <6 months at the first occurrence of ADHD symptoms^[8], those with incomplete date of birth information, those with ADHD and other mental diseases, and those with incomplete contact information. Finally, 101 children with ADHD were determined to be eligible.

3. Data Processing

By referring to the perpetual calendar, the birth date is converted into a dry year, and according to the theory of luck, we can calculate the natural luck, the natural luck, the natural luck, the natural luck and the main energy^[9].

3.1. Five Operation Classification of Birth Date

Five-way is calculated according to the formula of "ten-day drying five-way ", i.e. A-hexylized soil, Y-heptylized gold, B-hexylized water, Ding-nonylized wood and Wu-decylized fire, and then according to the serial number represented by ten-day drying itself, odd number is Yang-drying, even number is Yin-drying, Yang-drying is called too long year, and Yin-drying is called too short year. For example, the third year of C is the year of Yangshui, the annual transport is the year of Yinshui, the annual transport is the year of Yinshui, and so on.

3.2. Six Gas Classification of Birth Date

Six Qi is divided from twelve branches, including the main Qi and courtesy. The main gas is a specific gasification direction in a year, and has a vital influence on the growth and development of human body. The main gas is divided according to the 24 solar terms of each year, starting from the cold, after three solar terms for the initial gas, each gas contains four solar terms, and so on, to obtain the initial gas, Jueyin wind wood master; the second gas, Shaoyin king fire master; the third gas with Shaoyang phase fire master; the fourth gas with Taiyin wet soil master; the fifth gas with Yangming dry gold master; the final gas with the Taiyang cold water master, each season with which gas master, and this season shows its corresponding five elements gasification characteristics. It belongs to the politeness of the six Qi, and the division of it is the same as that of the main Qi. The Si Tian of each year is unchanged, and it is the three qi of politeness. Then, it is divided in the order of Jueyin, Shaoyin, Taiyin, Shaoyang, Yangming and Taiyang.

4. Statistical Methods

SPSS19.0 statistical software was used to analyze the data: 1) Descriptive statistics were used to observe the birth distribution of ADHD children in different days, such as trunk-to-ground branch, year-to-day movement, main politeness and sky-to-sky period; 2) χ^2 test was used to analyze the difference of ADHD in children born in different days, such as trunk-to-ground branch, year-to-day movement, main politeness and sky-to-sky period.

4.1. Year Distribution of Dry Branch

4.1.1. Distribution of Trunk Branch

According to statistical analysis, the following trends were found: Xin Mao year=Geng Yin year > Jia Wu year > Ji Chou year=Renchen year > Wu Zi year > Bing Xu year > Gui Si year > Ding Hai year > Yi You year > Ren Wu year=Yi Wei year > Jia Shen year=Bing Shen year. It can be known that most of the children were born in Geng Yin year and Xin Mao year, but the children born in Jia Shen year and Bing Shen year were the least, and the distribution data of the trunk year of ADHD had statistical significance ($P < 0.05$), that is, the trunk year of the child's birth date was related to the ADHD. See Table 1 for details.

Table 1: Distribution of trunk branch of birth year.

	Frequency	Percentage	Effective Percentage	Cumulative Percentage
Effective	12	11.9	11.9	11.9
Jia wu	1	1.0	1.0	12.9
Jia Shen	7	6.9	6.9	19.8
Gui Si	11	10.9	10.9	30.7
Ren Chen	11	10.9	10.9	41.6
Ji Chou	8	7.9	7.9	49.5
Bing Xu	14	13.9	13.9	63.4
Geng Yin	9	8.9	8.9	72.3
Wu Zi	14	13.9	13.9	86.1
Xin Mao	2	2.0	2.0	88.1
Yi Wei	4	4.0	4.0	92.1
Yi You	5	5.0	5.0	97.0
Ding Hai	2	2.0	2.0	99.0
Ren Wu	1	1.0	1.0	100.0
Bing Shen				
Total	101	100.0	100.0	

4.1.2. Day Trunk Distribution

Through statistical analysis, it was found that children with ADHD had the following tendency at the time of birth: Geng year = Xin year > Jia year = Ren year > Ji year > Wu year = Bing year > Gui year > Yi

year> Ding year. It can be seen that most children were born in Geng year and Xin year, and the least children were born in Ding year. The chi-square test showed that children with ADHD had no statistical significance at the time of birth ($P > 0.05$), i.e. the influence of the days of birth date and ADHD was not obvious. See Table 2 for details.

Table 2: Distribution characteristics of dry year of birth.

		Frequency	Percentage	Effective Percentage	Cumulative Percentage
Effective	Jia	13	12.9	12.9	12.9
	Yi	6	5.9	5.9	18.8
	Bing	9	8.9	8.9	27.7
	Ding	5	5.0	5.0	32.7
	Wu	9	8.9	8.9	41.6
	Ji	11	10.9	10.9	52.5
	Geng	14	13.9	13.9	66.3
	Xin	14	13.9	13.9	80.2
	Ren	13	12.9	12.9	93.1
	Gui	7	6.9	6.9	100.0
	Total	101	100.0	100.0	

4.1.3. Distribution of Branches

Through statistical analysis, it was found that children with ADHD had the following tendency at the time of birth: Yin year = Mao year = Noon year > Chou year = Chen year > Zi year > Wu year > Si year > Hai year > You year > Wei year = Shen year, the number of children born with ADHD in Yin year, Mao year and Wu year was the highest, and the number of children born with ADHD in Wei year and Shen year was the lowest, and the distribution data of birth-year of ADHD had statistical significance ($P < 0.05$), that is, the birth-year of children had a certain relationship with acquired ADHD. See Table 3 for details.

Table 3: Distribution Characteristics of Birth Branch Years.

		Frequency	Percentage	Effective Percentage	Cumulative Percentage
Effective	Zi	9	8.9	8.9	8.9
	Chou	11	10.9	10.9	19.8
	Yin	14	13.9	13.9	33.7
	Mao	14	13.9	13.9	47.5
	Chen	11	10.9	10.9	58.4
	Si	7	6.9	6.9	65.3
	Noon	14	13.9	13.9	79.2
	Wei	2	2.0	2.0	81.2
	Shen	2	2.0	2.0	83.2
	You	4	4.0	4.0	87.1
	Wu	8	7.9	7.9	95.0
	Hai	5	5.0	5.0	100.0
	Total	101	100.0	100.0	

4.2. Age Distribution

Through statistical analysis, it was found that the number of children with ADHD born in different years had the following tendency: soil transportation > water transportation > gold transportation > wood transportation > fire transportation. There were no significant differences between the children with ADHD and the children with ADHD ($P > 0.05$). See Table 4 for details.

Table 4: Distribution Characteristics of Years of Birth.

		Frequency	Percentage	Effective Percentage	Cumulative Percentage
Effective	wood transportation	18	17.8	17.8	17.8
	fire transportation	16	15.8	15.8	33.7
	Soil transportation	24	23.8	23.8	57.4
	gold transportation	20	19.8	19.8	77.2
	water transportation	23	22.8	22.8	100.0
	Total	101	100.0	100.0	

4.3. Distribution Characteristics of Six Gases

4.3.1. Main Gas Distribution

By luck and statistical analysis, it was found that the main Qi of the children with ADHD had the following tendencies: the fourth Qi (Taiyin wet soil) > the final Qi (Taiyang cold water) > the third Qi (Shaoyang phase fire) > the first Qi (Jueyin wind wood) > the fifth Qi (Yangming dry gold) > the second Qi (Shaoyin king fire). There were no significant differences in the tendency of the main air of the children with ADHD at birth ($P > 0.05$), i.e. the main air of the children at birth was not significantly associated with ADHD. See Table 5 for details.

Table 5: Distribution characteristics of birth main gas.

	Frequency	Percentage	Effective Percentage	Cumulative Percentage
Effective Jueyin wind wood	15	14.9	14.9	14.9
Shaoyin king fire	11	10.9	10.9	25.7
Shaoyang phase fire	18	17.8	17.8	43.6
Taiyin wet soil	24	23.8	23.8	67.3
Yangming dry gold	14	13.9	13.9	81.2
Taiyang cold water	19	18.8	18.8	100.0
Total	101	100.0	100.0	

4.3.2. Polite Distribution

Through luck and statistical analysis, it was found that children with ADHD had the following tendency of birth courtesy: Shaoyin king fire > Taiyin Wet Soil = Jueyin wind wood > Taiyang Cold Water > Shaoyang phase fire > Yangming Dry Gold. Shaoyang phase fire It can be known that when courtesy is Shaoyin king fire, the number of children with ADHD was the highest, and when courtesy is Yangming dry gold, the number of children with ADHD was the lowest. Children with attention deficit hyperactivity disorder (ADHD) had no significant tendency of politeness at birth ($P > 0.05$), i.e. there was no significant relationship between the politeness at birth and ADHD. See Table 6 for details.

Table 6: Birth courtesy distribution characteristics.

	Frequency	Percentage	Effective Percentage	Cumulative Percentage
Effective Jueyin wind wood	18	17.8	17.8	17.8
Shaoyin king fire	19	18.8	18.8	36.6
Shaoyang phase fire	15	14.9	14.9	51.5
Taiyin wet soil	18	17.8	17.8	69.3
Yangming dry gold	14	13.9	13.9	83.2
Taiyang cold water	17	16.8	16.8	100.0
Total	101	100.0	100.0	

4.3.3. Natural Gas Distribution

Through luck and statistical analysis, it was found that the following tendencies were found in the Qi of Si Tian, the child born with ADHD: Shaoyin king fire > Taiyang cold water > Yangming dry gold > Shaoyang phase fire > Taiyin wet soil > Jueyin wind wood. It can be known that when the Qi of Si Tian was Shaoyin king fire, the number of children born with ADHD was and when the Qi of Si Tian was Jueyin wind wood, the number of children with ADHD was the lowest. There were no significant differences between the two groups ($P > 0.05$). See Table 7 for details.

Table 7: Distribution characteristics of birth days.

	Frequency	Percentage	Effective Percentage	Cumulative Percentage
Effective Jueyin wind wood	12	11.9	11.9	11.9
Shaoyin king fire	23	22.8	22.8	34.7
Shaoyang phase fire	16	15.8	15.8	50.5
Taiyin wet soil	13	12.9	12.9	63.4
Yangming dry gold	18	17.8	17.8	81.2
Taiyang cold water	19	18.8	18.8	100.0
Total	101	100.0	100.0	

4.3.4. Gas distribution in spring

Through luck and statistical analysis, it was found that the following tendencies of the children with ADHD born in the spring air were found: Yangming dry gold > Taiyin Wet Soil > Shaoyin king fire > Jueyin wind wood > Taiyang Cold Water > Shaoyang Phase Fire. It can be known that when the spring air was Yangming dry gold, the number of children born in ADHD was the highest, and when the spring air was Shaoyang Phase Fire, the number of children born in ADHD was the lowest. There were no significant differences between the two groups ($P > 0.05$). See Table 8 for details.

Table 8: Distribution Characteristics of Birth in spring.

	Frequency	Percentage	Effective Percentage	Cumulative Percentage
Effective Jueyin wind wood	16	15.8	15.8	15.8
Shaoyin king fire	18	17.8	17.8	33.7
Shaoyang phase fire	12	11.9	11.9	45.5
Taiyin wet soil	19	18.8	18.8	64.4
Yangming dry gold	23	22.8	22.8	87.1
Taiyang cold water	13	12.9	12.9	100.0
Total	101	100.0	100.0	

5. Conclusion

In this study, the data of 101 children with ADHD were collected from the pediatric outpatient department of Affiliated Hospital of Shaanxi University of Traditional Chinese Medicine. The results showed that there was statistical significance in the distribution of only annual branch and trunk branch ($P < 0.05$). When the birth year was Yin, Mao and noon, the attack rate of ADHD was; when the birth year was not Yin and Shen, the attack rate of ADHD was lower; when the birth year was Gengyin and Xinmao, the attack rate of ADHD was higher; when the birth year was Jiashen and Bingshen, the attack rate of ADHD was lower. Therefore, there is a certain correlation between the disease and the birth of children.

The alternation of the five movements and six energies is the basis of the living changes of all things in the universe. The abnormal changes of the five movements and six energies will bring changes to all things in heaven and earth. People exist between heaven and earth and must be born in the Qi of heaven and earth. Influenced by the nature of heaven and earth, their bodies also undergo corresponding changes with normal or abnormal five movements and six energies^[10-11]. In the year of Geng Yin, it was too much for gold transportation, and in the year of Xin Mao, it was too little for water transportation; in the year of Jia Shen, it was too much for earth transportation, and in the year of Bing Shen, it was too much for water transportation. Five-way change is too late, the season has not arrived, and the climate first for too much air, i.e. gasifying more than; the season has arrived, and the climate has not arrived, i.e. gasifying weak^[12-14]. Children with ADHD are more likely to get sick in the years of too much money and too little water, and less in the years of too much land and water. According to the *Compromise of Juvenile Medicine*, "In the sixth year, if the soil is too much, the rain and dampness will prevail, and the dampness disease will be born, and the kidney water will suffer from evil, and the treatment should be dehumidification to replenish the kidney..." "Six-year-old, too much water, then the cold air, heart fire by evil, treatment should be cold to replenish heart..." "Six new year, water transport is not as good as the earth qi, but see wet, wet disease is a line, treatment should tonify the kidney to dehumidify. In the sixth year of Geng, when Jinyun was too much, dryness and qi became popular. Dryness disease was born and liver wood was affected by evil. It was necessary to treat dryness to replenish liver..." This added some ideas that can be used for reference in the treatment and maintenance of ADHD children. However, it was considered that the child's viscera were delicate, the shape and qi were not filled, and the zang-qi was light and agile. Therefore, the medicine was used with clearness, spirit, warmth and stop.

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