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Oppositional Defiant Disorder Managed With the Nano Medicine Homoeopathy -A Clinical Study

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ABSTRACT:

Abstract: Oppositional Defiant Disorder (ODD) is one of the childhood behavior problems that is characterized by indiscipline and unfriendliness. Roughly 10% of children under the age of twelve are believed to suffer from this condition, where boys outweigh girls by a ratio of 2:1. Early diagnosis and management are most important in these cases because children with undiagnosed ODD are more likely to engage in antisocial behavior as adults, which may have an effect on their quality of life, job, and relationships. This study had been conducted in order to assess Oppositional Defiant Disorder in children aged three to nine years of age. Usually, it is known that the age of onset is most commonly after three years, but a lot of parents do not know about the clinical indicators of ODD. And hence the disease progresses; hence, this particular age group is taken, and the scale used to assess is "The Mojave Child and Adolescent Symptom Rating Scale: Oppositional Defiant Disorder (Child/Teen)," which is often used to describe the seriousness of the symptoms between the ages of 3 and 9. And those cases diagnosed using the Disruptive behaviour disorder rating scale (DBDR) scale were treated constitutionally with homoeopathic medicines and followed up every month, and the study was concluded after 6 months.

Keywords: Oppositional Defiant Disorder (ODD), Nano medicine, Mojave child and Adolescent symptom rating scale, Disruptive behaviour disorder rating scale DBDR.

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Why homoeopathy is known as nano medicine?

The procedure of wet ball milling is used in laboratories to transmit mechanical energy in order to create nanoparticles. We assumed that the succussion technique employed to prepare high-strength homoeopathic medicine which transfers significant quantities of mechanical energy (~404.3 Newton meters for 10 strokes) which makes the initial aggregated drug particles to shrink to nanoscale. [1] Hahnemann's technique is denoted by the letter "H" in this case. , For instance, potency 12 cH, was diluted in the ratio of 1:99 for 12 times with forceful strokes at each dilution level. No starting substance molecule should exist in potencies greater than 12 cH, based on Avogadro's number. However, considerably larger centesimal potencies (200, 1000, 10000 cH, and so on) are frequently employed in homoeopathic clinical treatment with positive outcomes.

From the standpoint of conventional medicine, all homeopathic remedies are merely placebos that are meant to provide patients with mild psychological alleviation. The demonstrated therapeutic benefits of homeopathy which was seen in new-borns, led to its widespread acceptance among users, despite all the criticism. [2]

1. Introduction

According to the Diagnostic and Statistical Manual of Mental Disorder - Fifth edition (APA, 2013), an ODD is defined as a pattern of anger/irritability, argumentative/defiant behavior, or vindictiveness that endures for half a year or longer and is manifested during interactions with at least one person who is not a sibling. [3] The early warning signs are irritability, inattentiveness, impulsivity, defiant towards adults, lacking in social skills, unprepared for school, aggressive towards classmates, and lacking in problem-solving abilities.

Oppositional Defiant Disorder symptoms include defiance, hostility, and negative behavior: losing their cool, fighting with or disobeying parents, deliberately offending people and holding them accountable for their mistakes, being sensitive or easily irritated by others, furious, or spiteful. [4]

2. Methodology

A prospective clinical study design without control group where the size of the sample was calculated as 30, and the sampling methodology used was non-randomized convenience sampling. In this study, children belonging to 3 - 9 years of age and of both sexes who fulfilled the criteria of ODD based on the Parent/Teacher Disruptive Behavior Disorder Rating Scale were included, and patients with other behavioural disorders were excluded. [5] Information was gathered from both main and secondary sources through a pre-made case sheet. And also through the Disruptive Behaviour Disorder Rating Scale and the Mojave Child and Adolescent Symptom Rating Scale-Oppositional Defiant Disorder. [6] On the basis of Wilcoxon's signed-rank test, statistical techniques were used to determine the study's conclusion. [7] The indicated homoeopathic medicine was prescribed and follow-up was taken on a monthly basis. The patients were reviewed based on the criteria at the end of the treatment. The patient's review lasted for six months, depending on the particulars of the case.

3. Results and observations

Through this study, we observed that the majority of the children were at the age of 8 years (46.66%), followed by 7 years (26.6%), 9 and 6 years (23.33% & 3.33%, respectively). The male children (60%) showed a predominance of about 20% over the female children (40%). Chamomilla and Nux vomica were more frequently prescribed as constitutional medicine

among those 30 cases. Marked improvement was seen in 20 cases (66.66%), whereas moderate improvement was seen in 4 cases (13.33%). About 5 cases (16.66%) showed slight improvement and 1 case showed no improvement at all (3.33%).

4. Discussions

A study was conducted in 2019 at Sarada Krishna Homoeopathic Medical College, Kanyakumari.

Children (3-17years) with a positive result in Vanderbilt parent rating scale, used for screening of Oppositional Defiant Disorder were treated with constitutional medicines. According to the study, Calcarea carbonica was the most indicated remedy and male children were affected more in number than female children. But in this study, we found that Chamomilla and Nux vomica were the most repeated constitutional remedies, and male children were more affected in percentage than in the previous study.

5. Conclusion

In this study, the majority of patients were under the age of eight. Chamomilla and Nux vomica were the most suitable constitutional remedies. From the above statistical analysis, we came to know that nano medicine homeopathy can bring drastic improvement in children suffering from ODD. Only a limited number of studies had been reported on Oppositional Defiant Disorder. So more research is needed in this topic.

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