



## Original research Articles

# Autism Spectrum Disorder (ASD), And Other Such Disorders: Cause And Their Solutions

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**Abstract:-** Before more than 30 years, in Misan city, no one mention, knew or heard about autism or other like Bio-disorders. Nowadays there are more than five thousand children may be more have this disease in about one million three hundred thousand people. They increasing systematically each day and each year unfortunately there is no official records. There are about five autism's centers for autism's Childs, all of them are not official.

In this study, 100-autism children were studied by questionnaire method and amounts of oxygen gas was measured by a novel inventive method in Birthing Halls of children's hospital in misan city. Depending on these results a suitable explanation about autism was introduced and how to treat it.

**Keywords:** Autism, Oxygen and fetus.

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## Introduction:

Autism spectrum disorder is a complex neurodevelopmental, biologically based condition with an estimated prevalence of 1 in 44 people <sup>(1)</sup> that impacts all areas of child development from behavior, problem solving abilities and self-care skills, to complex social communication ability, language, and executive functioning skills. The range of symptoms and severity of ASD vary greatly from child to child, and clinical manifestations depend on the individual's age, cognitive and language abilities, and co-occurring conditions. comprises challenges in social-emotional reciprocity, challenges in using nonverbal strategies during social interaction, and challenges developing, maintaining and understanding relationships, and restricted, repetitive, and stereotyped patterns of behavior, manifested by unusual repetitive movements or behaviors, restricted interests, insistence on sameness and inflexible adherence to routines, as well as sensory challenges ranging from seeking to avoiding certain sensory stimuli <sup>(2-5)</sup>.

There is a controversial issue about the size of the brains of autistic patients. In the pattern of brain size changes. Specifically, brain size in autism was slightly reduced at birth, dramatically increased within the first year of life, but then plateaued so that by adulthood the majority of cases were within normal range <sup>(6)</sup>.

These findings reveal a period of pathological brain growth and arrest in autism that is largely restricted to the first years of life.

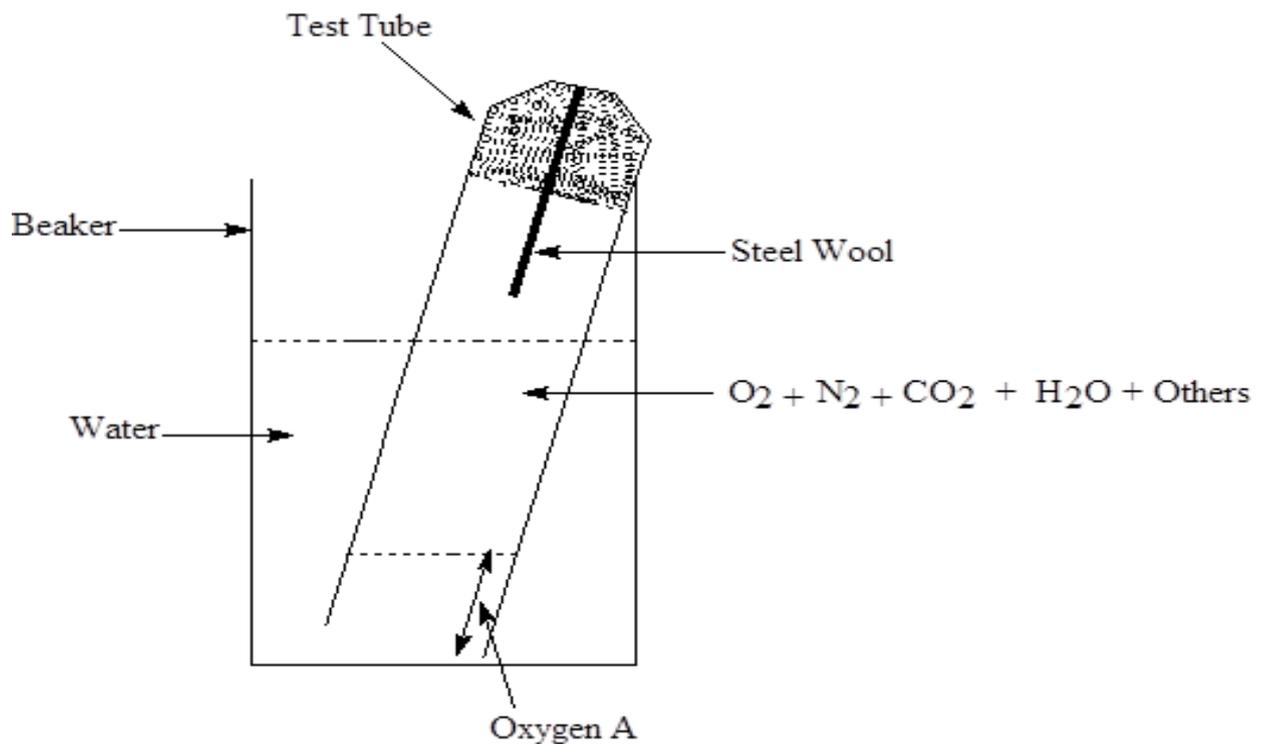
This study will explain the differences between autistic patients and how their brain size is smaller at birth and up to one year, then the size becomes normal in adulthood, but they remain on the autism spectrum and find it difficult to deal with society as other individuals do.

## Experimental Part:

This section is divided into two parts:

A- About 120 Questionnaire papers were putted in the pages of 120 autism's children (4-8 years old) in private autism center in Misan province. These papers contain questions to child's parents about; place of birth, the date of birth, gender, is giving births at night or during the day. Just 100 papers were gotten.

B- Amount of Oxygen gas into the Birthing Hall was measured according to Al-Darraji procedure <sup>(7)</sup> as following figure:



**Figure (1): Al-Darraji's procedure for measuring level of atmospheric oxygen.**

Furthermore, atmospheric oxygen was calculated in Birthing Hall and outer of these rooms, all the results of two sections (A and B) will illustrate in the following section.

## Results and Discussion:

Before discussing the results of this study, there are facts should clarify first. About 2000 until now in Misan and Nearby cities or countries and may be others, a new Bio-disorder was introducing and increasing exponentially, it is a "an increasing in hemoglobin level" and scientifically, this most caused by low oxygen levels in the blood (hypoxia). This should happen for healthy people in case of exposure to high altitude <sup>(7)</sup>, This fact is well known for long time ago.

However, location of Misan province is at sea level not at high altitude!

So why people suffering from increasing hemoglobin level leading to increase cupping shops over all

Misan and for more cities in the world just for getting rid of excess blood.

The facts are interconnected, color of sky in Misan and all the world nowadays is white blueish or closing to white while before thirty years or more in different photos or images or at television, sky's color is blue!

Oxygen molecules when exposure to high temperature degree give blue color. This fact come from blacksmiths' tools for welding metals, they used flammable gas with oxygen to do welding process, without oxygen the flame's color is yellow while with oxygen it converts to blue. Therefore, oxygen at high atmospheric levels when exposure to Sun's heat give blue color, then decreasing of oxygen lead to decreasing sky-blue color. In addition to above facts, in Misan city for the last ten years recording highest atmospheric temperature in the world at summer, this due to decreasing of oxygen gas because it is responsible for reducing Sun's heat.

Now about the results of this study; Firstly, 100 autism patients were about 95% from them are in Al-Amarah city which is a center of Misan province while 5% are from countryside and other like areas. This result is so obvious that atmospheric oxygen level in big cities like Al-Amarah should be less than outside it.

The second result that 85% from the 100 patients are males while 15% are female. This result come from the physiology of them brains sizes, Male brains are bigger than female brain <sup>(9)</sup>. The bigger size needs more oxygen while less size needs less oxygen so the differences between both of them in autism's prevalence is exactly fit to their brains' sizes.

It is noticed from the results that there are more autism cases at night than during the day, and the reason is because at night the photosynthesis of plants stops, so oxygen decreases. Also, the number of cases in the summer is greater than in the winter, because the high summer temperature destroys the leaves of many trees, especially palm trees, so oxygen decreases in Summer and increases in winter <sup>(7)</sup>.

Through the staff of the Autism Center, all children are similar in everything, and there is nothing cause autism in one child to another, but they do not know that the atmosphere and conditions of the birthing hall work to greatly reduce oxygen.

It is striking that the same vaccines were used by mothers in all of Misan Governorate.

Therefore, children develop autism resulting from something is common between them, which is either water or air. When a child is born, he does not drink water until he become older. Then water does not have nothing to cause autism. The child receives oxygen in his mother's womb until his birth and go on. Air contains four main gases: Oxygen, nitrogen, carbon dioxide and water vapor. There is no relationship between these gases and the physiology of children except oxygen which has important rule.

Section B of the experimental part about measuring oxygen gas which happened according to Al-Darraj <sup>(7)</sup> procedure but in this study in addition to oxygen gas, the method was modified to measure; carbon dioxide, water, and nitrogen gas. The oxygen is absorbed by the nail, while the first gases are dissolving; carbon dioxide with water, and finally the remainder is nitrogen gas. Samples were divided to two parts one of them inside Birthing Hall while the other outside in different places.

Following tables are (1) for different dates outside the Birthing Hall at normal living rooms while table (2) for inside Birthing Hall in different dates:

**Table (1): Outside the Birthing Hall at normal living room.**

Sample No.	O <sub>2</sub> %	CO <sub>2</sub> + H <sub>2</sub> O%	N <sub>2</sub> %	Notices
1	7.29	2.7	55.208	
2	6.818	2.273	44.318	
3	8.51	6.38	51.063	
4	11.224	10.204	54.081	
5	10.227	2.272	42.054	
6	11.764	11.764	58.823	

Table (2): Inside the Birthing Hall at child's hospital.

Sample No.	O2%	CO2 + H2O%	N2%	Notices
1	4.347	2.173	71.739	
2	4.44	8.88	48.88	
3	5.102	2.174	54.081	

These results are very realistic because they show that the level of atmospheric oxygen gas is not constant and is controlled by several factors: The most important of which are it produced by trees, fungi and the other like creatures, and what they consume it, such as humans and animals, and fire in all its forms, the most important of which are thermal machines such as cars and thermal factories that consume oxygen and convert to carbon dioxide in case of complete oxidation.

About this study results, it finds maternity rooms completely isolated without windows, or the windows are completely closed, and more importantly, the women inside the hall are breathing, one to two times faster than normal breathing, and thus they consume more oxygen without compensating for this consumption. Therefore, oxygen percentage in table (2) is lower than normal outside the hall in a normal room table (1). And also, in above table (1) percentage of oxygen is not a constant, it depends in a single house or room and on several factors, including the number of people in those places. If this in the winter that means of heating, whether they use direct fire or other techniques.

Also, in winter, the percentage decreases depending on the accumulation of snow on the leaves leading to decrease in photosynthesis, which reduces oxygen production. There are many affected factors that two studies have identified and explained them in detail, and this is what is happening <sup>(7 and 10)</sup>. The issue of the percentage of atmospheric oxygen is very important, but there is no a technology or device that measuring it, and this is incorrect because oxygen is an unstable gas like nitrogen. There are many who consume it and there many who produce it, if the ratio between these two groups is imbalanced, the oxygen should be decreased or increased.

Otherwise, where does the oxygen come from to the Earth!? Millions of trees were supposed to be planted, especially palm trees, because they are green all the year round in all places around the world, but there are many fires consuming many of them.

Another important facts should be noticing, In the first two months of pregnancy, the fetus's brain will form <sup>(11)</sup>, and here the amount of oxygen will be determined by several factors, including the number of people in the house and whether the house is tightly closed or not? Or is it located in the middle of a crowded city or not? Is there a garden in the house? is it large or small? Is the mother work or not? Which means is she get out of the house or not? Is she work with many employees or less one? Is she work in tight places with many employees or not? ...etc. There are so many other factors affecting the level of oxygen for the pregnant mother's also for other people.

In normal status now, the percentage of oxygen does not exceed 9% <sup>(7)</sup>, and it is certainly not sufficient for all cells of the mother's body. Therefore, what reaches the fetus is very little, not enough for all of its cells, especially the brain cells. Because this continues for a long time, the fetus's brain resorts to operating some of its centers, and when this situation remains for a long time. These centers fetus's brain does not need them at that time. Therefore, these centers will disappear, and of course these centers are not needed by the fetus at that time until the second or third year. Then, when the fetus reaches this stage, these centers are disappearing completely. This should explain the previous fact that "brain size in autism was slightly reduced at birth, dramatically increased within the first year of life, but then plateaued so that by adulthood the majority of cases were within normal range <sup>(6)</sup>". after above centers are gone the brain's size of the fetus in mom's womb reducing because above centers are normal brain's cells with known volume when they disappear them volumes are gone. After

that, the rest of the brain cells will have divided naturally in order to fill the all size of the brain. Therefore, the size of the brain will return to normal levels, but this happens without that centers which mentioned above, and thus the child emerges from his mother's womb with his brain missing important centers that he does not feel because he do not need them at first time or at the first three years of his life but when he needs them in the third year and above, it is too late.

This is normal behavior. The amount of oxygen is a little, so it will be obtained by the cells that will be working at the time, and the cells that do not need it will not take oxygen, and thus they will destroy because the products of glycolysis and the rest of the decompositions (such as  $\beta$ -oxidation), the Krebs cycle, and the respiratory chain will combine with oxygen as a final step. Then these products will accumulate in them cells leading them to explode and expire. As the oxygen deficiency continues, more cells will be destroyed until reaching stabilizing situation after four to five months of pregnancy. The brain cells will decrease by the amount of oxygen deficiency, and no one knows the extent of the oxygen deficiency.

Addition facts that, In the beginning, they were called it "Autism disease" only, then it became "autism spectrum disorders" because it represents a wide spectrum of behaviors. This is because it is not possible to know the amount of oxygen for the child in his mother's womb and the factors affecting it. Perhaps the amount is almost complete, so the child is almost healthy, or this amount is very little, so the child is abnormal unhealthy, or finally the oxygen deficiency is high then the child will be abnormal with autism.

Fifteen years ago, no one knows what autism was, and today about one person affected for every 44 people <sup>(1)</sup>. The truth here in Missan city is differ than this, perhaps the ratio is less than 1 to 20 people, but as mentioned before, there are no official readings for this abnormal disease.

In general, from observing the sky over the past twenty years, the color approaches white in general each day, and very few days it becomes bluish white depending on the amount of oxygen available.

All the inhabitants of the Earth share the air. Therefore, when a country producing a lot of oxygen because it has many trees, it will not be able keep it. The oxygen will go to the rest of the world to balance. This is what happens. Today, it's like crazy situation. Children, especially boys, are going unified and everyone is watching! Therefore, for this study, it hopes that 25 cactus plants of different sizes hoping push autism away.

Autism spectrum treatment is divided into two parts: the first is preventing this disease and the second is how people with this disease can be treated:

1. Many trees must be planted, and it is best to plant palm trees because, as we said before, they are green throughout the year, and making this issue of utmost importance in order to produce the largest amount of oxygen. However, in the current circumstance, an oxygen source must be provided for pregnant women from the first month, such as bringing aloe Vera seedlings or any plant that remains green. They should produce oxygen inside the home or in the workplace.
2. The second part is treating patients, and this means repairing the brain and adding the missing cells, that is, through surgical intervention. A small number of specialized cells can be added and they will divide to form the missing important centers.

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