

## The Vast and Diverse World of the Science of Paranoid Schizophrenia, Scientific Vision of Cognitive Science and a Biomedical Science Perspective

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**Abstract:** The world of challenges in the field of medical science, biomedical science, health sciences and engineering are in the path of newer scientific and technological regeneration. In the similar vision, the science of psychology and psychiatry are also in the avenues of deep scientific ingenuity and scientific prowess. This is a case study of the author who is suffering from schizophrenia from November, 1993. Since October, 2012, he is diagnosed with glaucoma in his both eyes. Long years of agony, ardor, trials and tribulations have passed since then. This treatise deeply elucidates the strong ardor and mental health challenges faced by the author since November, 1993. Medical science, health science and technology needs to be revamped and re-envisioned as regards treatment and cure of this difficult mental health illness. The author deeply pronounces the needs of psychotherapy and counselling in the treatment and well-being of the patient. This article reiterates the revamping of the science of paranoid schizophrenia since this is an incurable ailment. Scientific rejuvenation and deep technological vision are the utmost needs of the hour. The field of biomedical sciences and biological engineering will truly open newer windows of scientific innovation and scientific triumph in decades to come. This article is a message to all sufferers of the ailment of schizophrenia and other bi-polar disorders. Surely a newer day and a newer dawn in medical science will emerge if discoveries and innovations moves towards positive directions in treatment and cure. Civilization and science will surely usher in a newer dawn in the science of psychiatry if there is an effective support system from doctors and psychologists across the globe. In the similar vision the domain of healthcare system across the world will witness newer scientific regeneration if researchers, scientists, students and policy makers takes affirmative steps and affirmative vision in the scientific research pursuit in psychological science in decades to come. Recent breakthroughs in cognitive science and neuroscience will surely usher in newer dimensions in treatment and cure of schizophrenia.

**Keywords:** Biomedical, vision, technology, schizophrenia, ailment, illness, years, vision, struggle, ardour, cognitive.

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### 1.0 INTRODUCTION

Science, technology, engineering and medicine are today in the avenues of deep scientific divination and scientific benediction. The author of this article is suffering from schizophrenia since November, 1993. This article profoundly describes the entire history of his ailment since 1993. After COVID 19, he is now seriously ill and has higher dosage of medicine. Since 1998, he has been administered with the drug Clozapine. He has severe auditory and visual hallucination since 1993. After August, 2020, his health worsened as he trudged the path of life. Human struggle and mental health challenges were without any comprehension. This article with lucid and cogent insight deeply elucidates how the

author faced the trials and tribulations of life. Lack of support from friends, relatives and close ones brought his illness to a real catastrophe. Today he is suffering from glaucoma in his both eyes since 2012. Surely a newer dawn in the field of medical science and medical engineering will emerge if man, mankind and vision of science moves towards a newer epoch of scientific understanding and knowledge prowess. Clozapine is a wonder drug in the treatment of bipolar disorders such as paranoid schizophrenia. The world of the science of schizophrenia, psychology and psychiatry are today in the path of newer scientific and technological regeneration. This article is a deep message to all sufferers of this dangerous article. Surely a newer dawn

in the field of medical science, biomedical science and biological engineering will surely emerge if scientists, researchers and governments across the world takes active and positive steps in strongly dealing with scientific innovation, triumph and discoveries in decades to come. Science, man and mankind are today in the path of newer destiny. The path of scientific provenance and scientific imagination will surely be the path-breakers towards a newer dawn in the field of biomedical engineering and technology. Civilization's immense scientific ingenuity and scientific forbearance will all lead a long and visionary way in unveiling the true vision of the science of paranoid schizophrenia.

Engineering science and technology in the global scenario are in the path of immense scientific and technological divination and provenance. Patients suffering from schizophrenia and other bi-polar disorders are immensely need of help from psychiatrists and psychologists across the globe. The author is suffering from schizophrenia for a long period of his life. He is always thinking of a fresh breath in his life as agony and pain have ensconced him for a long period. This article is surely a deep message to all the sufferers and doctors across the globe.

## **2.0 The Scientific Forays, Knowledge Prowess of Paranoid Schizophrenia and the Need of Psychotherapy and Psychological Counseling and Effective Support**

In November 1993, the author was diagnosed with a serious form of mental health illness which is paranoid schizophrenia. The author is a graduate in Chemical Engineering from Jadavpur University, Kolkata, India in 1992 and postgraduate in Chemical Engineering from the same university in 1994. Just as he was completing his postgraduation in November, 1993, he was having lots of worries and uncertainties. Employment situation was extremely worse in his home state of West Bengal, India. At that moment he fell ill. He felt nervousness and was hearing various types of sounds which is auditory hallucination. At one o'clock at night he became over-anxious and visited his chemical engineering teacher's home. Everything was falling down before him like the house of cards. The scientific doctrine and knowledge prowess of paranoid schizophrenia and psychotherapy needs to be revamped as science and civilization treads forward. After he passed out from Jadavpur University, Kolkata, India, he got a job in New Delhi, India. He started discontinuing medicines. That is a crucial juncture in his career. That devastated his health. At that time he discontinued jobs and also could not retain job. Yet he struggled in life with deep agony and confusion. This treatise is a message to all the sufferers and patients struggling with schizophrenia [1-8] Auditory and optical hallucination are part and parcel of the author's illness. In the beginning of his illness, health situation was beyond control. The author lost job one after another. Relapses took place in his life very frequently. Today he is replete

with the same illness. In the night the author had sleep disorder also. There is no light at the end of the tunnel. This article is a message to the numerous sufferers of this difficult ailment. The author has struggled a lot in life. The scientific forays and deep knowledge prowess will evolve newer areas of scientific understanding and scientific discernment in the treatment and cure of mental health illnesses.

Paranoid schizophrenia is a difficult mental health disorder. Scientific provenance and scientific divination are the immediate needs of the hour in the visionary world of psychological science. Psychotherapy and the science of psychiatry will go a long and visionary way in opening newer doors of scientific innovation and scientific instinct in global health science research and development initiatives.

## **3.0 A Deep Scientific Knowledge of Cognitive Science, Discernment, Understanding, Vision, Care and the Case Study of the Author Himself**

A deep scientific and biomedical science perspective is the utmost need of the hour as the science of schizophrenia surpasses one scientific frontier over another. Psychological medicines has serious side effects. That was the reason of discontinuation of medicines. That created the greatest catastrophe in his life. Today is the era of Fourth Industrial Revolution and Internet 5.0. There needs to be a deep scientific knowledge and understanding in the treatment of schizophrenia or other bi-polar disorders. Man and mankind should move towards newer scientific vision and understanding as science of schizophrenia overcomes one boundary over another. This article is a detailed case study of the author. In September, 1996, he got a teaching job in BITS, Pilani, India. Tremendous auditory hallucination ensconced him as he trudged the path of life. This is due to discontinuation of psychiatric medicines. He became absolutely helpless and hapless in life. He was brought back to Kolkata and admitted to a nursing home. After that year, he was taken to National Institute of Mental Health and Illness, Bangalore, India and Clozapine administration started. Today there are practically no treatment and cure of schizophrenia. In stead of ill health he went to Queen's University, Belfast, Northern Ireland to do research in environmental engineering in 2008-2010. Then he taught Chemical Engineering in an engineering college in Oman. The science, the knowledge and the scientific discernment of schizophrenia today needs to be re-envisioned and reframed as civilization, science and technology trudges forward in the path of life. Failure and agony are part and parcel of his life. Today, after August, 2020, he is replete and beset with one agony after another. Surely a newer dawn in human mankind will emerge if science, vision and forbearance acts in the positive and affirmative steps towards a newer scientific emancipation and futuristic vision of biomedical science and engineering. Today the author's life is replete with agony, hardship, trials and tribulations. He is searching for freedom from this

monstrous illness. This article is a message and dictum towards a newer visionary area of curing mental health illnesses.

A deep scientific knowledge and scientific and technological discernment are the immediate needs of the hour in the field of medical science and health science. Civilization, science and vision will surely and remarkably be the path-breakers towards the helpless and hapless patients of schizophrenia. The ethics of the science of mental health illnesses, the needs of the hour and the larger vision will usher in a new domain in the futuristic breakthroughs in medical science. The merger of cognitive science and neuroscience will unveil the scientific intricacies and the scientific re-imagination in psychological science in years to come.

#### **4.0 Initial Years of Immense Illness, Trials, Ardor and Agony Due to Schizophrenia and the Scientific Re-Imagination of Treatment of Paranoid Schizophrenia**

The initial years of his illness are replete with immense agony and pain. Mental health challenges are at its zenith. At that time, he left one job after another. Almighty did not look after him. There was also lack of parental care. From 1998 to 2001, he got a research opportunity at IIT Kharagpur, India for doctoral studies but could not finish his PhD. Today from July, 2012 he is teaching chemical engineering to graduate and postgraduate students of chemical engineering in a reputed university in India. In May, 2023 he lost that job. He became totally helpless and hapless. Today there are immense needs of psychological support in the treatment of paranoid schizophrenia. Then, one day there will be light at the end of the tunnel. Science of psychology will surely usher in a new era in global scientific research and development initiatives [1-8]. Today is the world of Fourth Industrial Revolution and Internet Revolution. The world of the science of schizophrenia and bi-polar disorders needs to be re-envisioned with the passage of global science and engineering ahead. Surely and remarkably a newer day and newer dawn in the field of medical science will usher in if global research and development initiatives in the field of mental health and cure are treading forward towards newer vision. Global scientific understanding and scientific fortitude in the treatment and cure of psychological illnesses will surely open a new window of innovation in decades to come.

The author is beset with many illnesses today. Scientific vision and scientific forbearance has no answers to this monstrous illness. Psychological science practically no answers to the sufferings of schizophrenia ailment. The author deeply pronounces the needs of effective psychotherapy and care as civilization, medical science and vision trudges forward. Civilization and medical science are moving fast surpassing one visionary frontier over another. The author deeply treads through the path of medical science, health science and the science of psychology with affirmative vision. This article deeply elucidates the mental health challenges he

faced in life. Thus this article is a strong and affirmative message to the schizophrenic patients with a clear and positive outlook.

#### **5.0 Biomedical Science, Health Science and Technology, Purpose, Vision, Triumph and Scientific Innovation in the March of the Science Ahead**

Biomedical science and health science and technology today stands in the middle of immense vision, scientific ingenuity and purpose. This article is a case study of the author. Since 1993, he is suffering tremendously with schizophrenia. Neglect from parents and relatives has made the illness to be chronic. Since August, 2020, his health condition is worse and today he is suffering from nervous breakdown also. The vision of science and the vision of truth and forbearance needs to be envisioned and reorganized as regards treatment of paranoid schizophrenia. Today he is without any job and suffering a lot in life. This article is a strong message to the sufferers and patients of this incurable illness. Surely and remarkably a newer dawn in human civilization will emerge if doctors, psychotherapists and parents helps these helpless and hapless patients of this dangerous ailment. Biomedical science, health science and technology are the pillars and foundations of science and technology globally. The march ahead of science and technology are ground-breaking as well as path-breaking. The author deeply pronounces the needs and dictums of the science of biomedical science and engineering in futuristic global research emancipation. The vast areas of health science and technology are today in the path of newer rejuvenation. This article addresses the immense need of kind and effective counselling in the field of treatment of paranoid schizophrenia. The march of science ahead needs to be envisioned and organized as regards treatment and cure of schizophrenia. This article is a strong message to all sufferers of this incurable ailment.

Biomedical science and health sciences are today in the path of newer scientific and medical science triumph and vision. Schizophrenia is an extremely difficult illness. Medical science and health science has practically no answers to the treatment and cure of this illness. The author has witnessed tremendous ardour and difficulties for the last 30 years of his illness. Still today, he is suffering enormously. This article investigates and elucidates the needs and necessities of psychological support in the futuristic emancipation of the science of psychiatry.

#### **6.0 Futuristic Path of Knowledge and Futuristic Scientific Understanding in the Treatment of Paranoid Schizophrenia**

This is twenty-first century and science and technology are in the path of newer scientific rejuvenation and a newer scientific regeneration. The scientific and technological world is moving towards Fifth Industrial Revolution and Fourth Internet Revolution. Schizophrenia and other bi-polar disorders

needs to be cured, treated and diagnosed effectively at the utmost. Apart from Clozapine, there are practically no medicines or treatment. Apart from Clozapine, he is prescribed with many medicines which are mainly sedatives. After long, difficult and arduous years of illness and sufferings, he has fallen hapless, sickly and helpless. This is an epoch of medical science, biomedical sciences, biomedical engineering, health science and psychology. The author reiterates and pronounces the needs of mental health treatment, proper diagnosis and treatment of bi-polar disorders. The futuristic emancipation and futuristic vision of medical science and technology needs to be reframed and reorganized with the march of vision, purpose, man and mankind. Thus the need of strong futuristic vision and a remarkable epoch in the path of science, engineering and technology [1-8]. Humanitarian effects of the field of paranoid schizophrenia needs to be re-envisioned and reorganized as man and mankind moves forward. This article reiterates the need of counselling, treatment and cure in strong sense in futuristic path of treatment of bi-polar disorders. The futuristic path and the futuristic vision in the scientific understanding and scientific divination will surely enter a newer era.

The futuristic vision of the science of psychiatry needs a lot of re-envisioning and revamping. The author deeply reiterates the science of psychological support in the visionary aisles of science, technology, engineering and medicine. This article deeply pronounces the needs and the vision of the science psychological therapy in the treatment and cure of schizophrenia.

## **7.0 CONCLUSION, BIO-MEDICAL SCIENCE, COGNITIVE SCIENCE PERSPECTIVES AND VISION**

Health science and technology and biomedical science and engineering perspectives needs to be reframed and re-envisioned as science, technology, medicine and engineering treads forward. The author is suffering from this mental health issues since 1993. Today his age is 55 years of age but he has lots of scientific contribution. He is today replete with different health issues and vast medical problems. Man, mankind and vision of science and technology needs to be re-envisioned as regards treatment of paranoid schizophrenia. There should be a strong and positive approach towards research and development in the field of schizophrenia ailment treatment and cure. Research endeavor, scientific fortitude and scientific forbearance in the field of biomedical science and engineering needs to be targeted towards strong psychological counseling as regards treatment of schizophrenia, paranoid schizophrenia and other bi-polar disorders. Surely and veritably a newer epoch in the field of biomedical research will emerge if doctors and researchers across the globe moves towards positive and affirmative vision. The world of medical science will ultimately and veritably open newer futuristic vision and purpose as

newer inventions and newer discoveries are made with immense scientific and academic rigor. Academic and scientific rigor in the treatment and cure of schizophrenia will one day usher in a newer light of the day. Man, mankind and forbearance are today in the middle of scientific introspection and scientific re-imagination. Paranoid schizophrenia is a difficult ailment to treat. Effective psychotherapy and effective counseling will surely lead a long and visionary way in unveiling the scientific intricacies of paranoid schizophrenia. Biomedical science and biomedical engineering perspectives will evolve into a newer epoch if proper psychological counseling is envisioned in days and years to come.

Scientific imagination, deep scientific vision and triumph in biomedical science will surely usher in newer avenues of medical science and health science. The author deeply pronounces and elucidates with vision, grit and perseverance the needs of support in the treatment and cure of schizophrenia and paranoid schizophrenia. Cognitive science should be integrated with the science and technology of neuroscience. At that moment in the history of science, a newer dawn will emerge for the helpless and hapless sufferers of schizophrenia. The status of cognitive science and its applications in medical science and health science will surely and remarkably open newer windows of engineering and technological innovations in years to come.

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