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## GLOBAL ADVERSE EFFECTS OF SCIENTIFIC PRESCRIBED MEDICATIONS: COVID:19 VACCINES

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### **ABSTRACT**

*The impact of scientific prescribed medications are tremendous and cannot be overemphasized. Irrespective of scientific prescribed medications impacts, in recent epoch it has attracted some criticisms on its efficacy. Prescribed medications are medications from scientific treatments or cure which is the widely accepted approach to curing or treating illnesses and diseases. On the other hand, traditional prescribed medications which are non-scientific tend to be less utilized, ignored and extremely criticized by pure scientists. The criticisms surrounding scientific prescribed medications escalated during the era of COVID-19. While some people resorted to the use of scientific prescribed medications of COVID-19 vaccines to cure the corona virus, others shifted to the use of traditional prescribed medications of herbs and plants. Whereas people who used scientific prescribed medications recovered slowly and recorded high rates of deaths, those who were treated through traditional prescribed medications recovered more quickly with extremely lower death rates. Consequently, several questions have been raised on the effectiveness of scientific prescribed medications which have vehemently been debated by scholars in the past who contended scientific prescribed medications being the main cause of illnesses and deaths especially in the US. This paper overviewed why people undertake scientific prescribed medications, the adverse effects of scientific prescribed medications and suggested remedies.*

### **INTRODUCTION**

Adverse drug effects like those to the HRT controversy are a primary reason why a leading cause of death is iatrogenic illness ie illness resulting from medical treatment. According to conservative estimates published in the Journal of American Medical Association, iatrogenic illness is the third leading cause of demise in the country. More than one twenty thousand people die from adverse effects of prescribed medications each year (Starfield, 2000). A more recent study based on the results of a ten-year survey of government statistics, came up with even more dismal figures (Null et al, 2003). That study concludes that iatrogenic illness is actually the leading cause of death in the US and that adverse reactions to prescription drugs are responsible for more than three hundred thousand deaths a year.

These are dismaying statistics, especially for a healing profession that has pretentiously dismissed three thousand years of effective Eastern medicine as unscientific, even though it is based on deeper understanding of the universe. For thousands of years, long before Western Scientists discovered the laws of quantum physics. Asians have honoured energy as the principal factor contributing to health and wellbeing. In Eastern medicine, the body is defined by an elaborate array of energy as the principal factor contributing to health and well-being. In Eastern medicine, the body is defined by an elaborate array of energy pathways called meridians. In Chinese physiology charts of the human body, these energy networks resemble electronic wiring diagrams. Using aids like acupuncture needles, Chinese physicians test their patients energy circuits in exactly the same manner that electrical engineers “troubleshoot” a printed-circuit board, searching for electrical “pathologies”.



More significantly, the COVID-19 has triggered iatrogenic illness across the world. The COVID-19 epoch was unexpected and unprepared and as such the prevalence of the COVID-19 pandemic fuelled many disparate medications and treatments before the manufacture of the prescribed COVID-19 vaccines. The COVID-19 vaccines also engendered iatrogenic diseases which caused many deaths around the globe. The COVID-19 vaccines causing iatrogenic illness has been imputed to numerous factors. Of these factors include weather conditions, late arrival of COVID-19 vaccines to affected regions and countries, expired vaccines, not securing vaccines on time, shortage of vaccines, lack of funds for purchasing vaccines, poor management of vaccines, lack of confidence in vaccines, political contentions, market competitions of other medications, vaccines complications, religious challenges and expectations of different countries, cultural challenges from various countries, social media misconceptions, trade restrictions, travel prohibitions, climate change repercussions, technological inhibitions among other factors. The COVID-19 vaccines precipitated protracted and chronic ailments as the vaccines administered to patients or recipients in Africa, led to various illnesses and immune deficiencies. The COVID-19 vaccines engendered the situations where patients in the hinterlands and poor regions especially in Africa were experiencing health declines. In some cases, the vaccines dispensed to patients failed to be in sync with the body systems of patients. Other patients who received traditional medications in situ convalesce safely and quickly compared to other counterparts who were vaccine treated. Of some patients who received COVID-19 vaccines, some of the patients were plagued with iatrogenic illnesses and doleful deaths. Some medical experts have vehemently contended that COVID-19 vaccines do not precipitate iatrogenic ailments, rather the patients who reported iatrogenic illness were already having those health complications. However, the questions raised are that vaccines are supposed to treat or tone down diseases or ailments. So, if vaccines have been administered, shouldn't it curb ailments or expunge health complications and shouldn't the vaccines be efficiently manufactured so that those with special health challenges will be remedied. Some scholars have argued irrespective of some patients demise being as a result of lugubrious health or longevity of patients, COVID-19 vaccines administered to some patients, were the cause of the demise of patients. Some vaccines manufactured, tend to work effectively on the white skin than on African skins. The weather conditions in different countries also tend to adversely decline the efficacy of vaccines administered in poor countries.

#### **WHY PEOPLE TAKE PRESCRIBED MEDICATIONS**

Health challenges of patients drive them to undertake some prescribed medications. People in different areas at different times tend to experience debilities. These debilities create the avenues to seeking possible health care to avert the dysfunction of their health. Sometimes the challenges from the health needs of some patients trigger different methodological ways to counter the health deficiencies of patients. In such cases, patients have resorted to safe and unsafe medications to accomplish health fruitfulness of patients. The health retrogression of patients have incentivized patients to visit charlatans who may not necessarily have knowledge or experience in relation to the health needs of patients. Health charlatans, most of which are acquisitive and driven to make plethora of wealth will undertake every strategy to conscientize patients to accept their methods of treatments on some diseases. These health charlatans may engage in unscientific and dubious means to convince patients of their remedy. Some of these health charlatans have gone to the extent of hypnotizing people who consult them to accede their prescriptions of diseases. These prescriptions meted out to patients have engendered further deleterious impacts of iatrogenic illness contributing to exacerbating demise of patients. Also, some patients due to the trust they have in some medical institution or health professional, they tend to repose all hope in the health expert or institutions. These patients tend to kowtow to the medical descriptions and solutions from the medical experts or institution they have established a particular



trust. In some instances, the trust in these medical experts and institutions have been compromised creating iatrogenic illnesses and deaths. During the COVID-19 era, the critical health challenges of those who contracted the illness led them to resort to disparate health remedy in a way to find efficacious treatment to the corona virus. The different treatment systems led patients to abuse and adhere to prescribed medications which were both safe and unsafe.

Lack of knowledge and misconceptions from the mannerisms of various people or patients leads them to succumb to taking prescribed medications. In various parts of the world (especially in Africa, South America and South East Asia) the level of educations of many people are low or even some extremely unlettered. Many people across the world instead of engaging in continuous education, are preoccupied with many activities. The governments across the world in some countries do not also support interventions that promote education and the well being of their citizens. Training and education for various medicaments and diseases are lacking or do not exist at all. Medicines and treatments from different parts of the world are outsourced or imported without the effective standard measures of training or education on the medications. Pharmaceutical societies and firms do not also provide proper education or training on various medications in various poor parts of the world. Also, language barriers and cultural barriers in some parts of the world do not provide the congenial ambience for the training or education of the treatments of some medications and diseases. The low rate of education or illiteracy in some parts of the world has precipitated to the upsurge of people engaging in undertaking scientific prescribed medications many of which has plagued pernicious ramifications on the health of patients. The COVID-19 advent led to people exodus into different areas seeking treatment. Due to lack of knowledge and training on the corona virus, people across the world disseminated different information about the disease and its treatments. The lack of education and literacy from others led them to open up to propagated information and medications for the COVID-19 virus. Some information which patients or people which have contracted the corona virus received have led to scientific prescribed medications which has further deteriorated the health of patients.

Social, religious and cultural perspectives of people augur for the use of scientific prescribed medications. The social, religious and cultural credence of people across the world tend to influence the kind of scientific prescribed medications that people decide to choose. The religious ideologies and beliefs tend to play seminal role in the choice of prescribed medications that are administered to people. Religious group of certain people only opt for treatment that is within their belief systems of their establishments. In cases where prescribed medications have been issued to people, some groups of people tend to discard the treatments from certain prescribed medications due to its mismatch with their code of religious ideologies and beliefs. Also, some social groups within countries tend to have robust principles and standards. The principles and ethics of certain groups within different countries control the approaches and health needs of their members. In cases where prescribed medications are not in tandem with the values and ethics of social groups, remedies and prescribed medications tend to be expostulated. In view of this, cultural tenets of people in different regions across the world is central to the kind of prescribed medications the people will sign on for. The culture of certain groups of people provides people to welcome some prescribed medications while it is prohibited for others. Consequently, cultural roles of age, sex, gender, sexual orientations, among others provides germane grounds by which people will choose or adhere to prescribed medications. During the COVID-19 era, social, religious and cultural creeds of people directed them to choose different treatments for the corona virus. While others opted for vaccines, some people welcomed the vaccines with hysterical fulminations and upheavals. Others concurred to first groups of certain branded vaccines while other



vaccine brands were shunned. Vaccines from other countries were accepted while those of other nations were unwelcomed.

### **ADVERSE EFFECTS OF PRESCRIBED MEDICATIONS**

Financial loss is a critical adverse effect of prescribed medications. Prescribed medications come with numerous financial obligations. The prescribed medications received by many people declines the financial wealth of people of which some of the wealth built may have taken copious time to accumulate. Sometimes even when patients chose to defray the cost of treatments with insurance, the financial baggage still turns out to be gigantic. The scientific prescribed medications received by people are mostly imported or outsourced. These scientific prescribed medications therefore overburdens the financial wealth of people. These prescribed medications also comes with enormous amounts of fiscal obligations to the governments. Recipients of prescribed medications are therefore coerced to make huge payments for prescribed medications. This developments have distorted the wealth growth strategies and directions of people. Treatments from prescribed medications is not a one time solution. People have to engage in series and different systematic processes to be able to completely expunge a particular ailment. These methods and systems to address or administer prescribed medications are done through various experts who also demand emoluments to discharge their duties. All these directions and methods to curb diseases and illnesses have caused financial setbacks to people some of which tend to languish till now. The advent of the corona virus led some people to select vaccine treatments. The treatments for corona virus both vaccine and non vaccines augments the budgets for treatments of the virus. The treatments for the corona virus triggered new waves of diseases and illnesses of which some where chronic. These new ailments further escalated the financial plights and predicaments of people.

Mismatch of scientific prescribed medications is another adverse effect of scientific prescribed medications. Prescribed medications come from different parts of the world and this can also come from different areas or regions within a country. Scientific prescribed medications from other countries into other countries are administered under certain temperatures and dimensions. The temperatures under which these medications are prescribed sometimes tend not to suit proper measures to curb diseases or ailments. Also, prescribed medications within different areas of a country to another geographic unit do not always produce expected outcomes as geographic factors may tend to undermine the efficacy of the prescribed medications. Scientific prescribed medications also tend to be more effective in one country or region within a country and less effective within another country or region within a country. Some prescribed medications have also worked fruitfully on a particular race, gender and sexual orientations and less effectively on a particular race, gender and sexual orientations. Also, the administering of prescribed medications, also involve certain stringent rules and laws of applications. These stringent rules and laws are originated from donor countries to recipient countries who tend to provide medications or aid as some relief packages. The strings of stringent rules from donors are sometimes unwelcomed by patients of recipient countries which distorts the treatment ways of scientific prescribed medications. The COVID-19 era led to the distribution of vaccines most of which did not suit the health remedy of people in different countries across the globe. The vaccines were not always efficient to the meeting of health needs of people or the environments under which they are dispensed are unfavorable.

Furthermore, the summative effect to the use of prescribed medications could lead to deaths. Patients who undertake scientific prescribed medications sometimes may have histories of certain ailments or



diseases. People with chronic or protracted health conditions who choose scientific prescribed medications, may experience health challenges due to the kind of prescribed medications they adhere to. Patients without illnesses or with histories of illnesses are promised safe treatments by taking scientific prescribed medications, however the medications do not always produce clean treatments as some people tend to experience aggravated frictions to their health. This in most cases has resulted in the demise of many people. Some medical experts are also to be blamed for the demise of patients. The ways medical experts sometimes provide medications are poor. The consultations are not done closely to monitor the progress of patients. The ways by which medical experts write-out prescriptions are so clumsy that patients find it difficult to read or decipher write-ups sometimes leading to poor interpretations which might cost the lives of others. Patients sometimes do not follow recommendations to scientific prescribed medications issued. The half-way or full adherence to recommendations to prescribed medications do not always deliver expected outcomes and sometimes causing perilous effects to patients. The COVID-19 epoch led the mass distribution of vaccines to various people at various regions across the globe. While some people experienced positive results with the COVID-19 vaccines, others experience negative results. The vaccines also produced more positive results in the Western parts of the world compared to other parts of Africa where vaccines in some cases were causing deteriorating health conditions.

#### **REMEDY TO ADVERSE EFFECTS OF SCIENTIFIC PRESCRIBED MEDICATIONS**

Construction of infrastructure to produce medications cannot be overlooked. The infrastructure to manufacture vaccine medications or certain medications is lacking in most countries. In areas where the infrastructure also exists, the expertise and dexterity to manufacture certain medications are scarce. Infrastructure to produce certain medications produce under capacity. Infrastructure to manufacture this creates the problem where there are always shortage of some medications in countries to curb certain illnesses and diseases. This leads to the conditions where some governments across the world are coerced to import or outsource some scientific prescribed medications. Also, certain medications produced by infrastructures of local countries are not always of the higher standard and the medicaments sometimes turns out to be ineffective to expunge a particular ailment or disease. In line with this, there is the need to invest in building quality and requisite infrastructure within countries that manufacture medications that meet the health needs of people.

Effective monitoring and control of prescribed medications is a sine qua non to curtail the adverse effects of prescribed medications. In some countries across the world, there is the proliferation of prescribed medications which finds its ways in the local markets without effective assessment and approvals. Some prescribed medications are imported into many countries without proper licensing and examinations. Also, foreign aid to countries across the world encompasses strings that allows donor countries to offload some scientific prescribed medications into the markets of recipient nations without monitoring and control. This phenomenon has led to the influx of scientific prescribed medications into the market of some countries where the health needs of people have been undermined by these prescribed medications. In view of this, there is the need to establish an independent body in countries that monitor and control prescribed medications. These institutions should be adequately resourced to effectively discharge their altruistic obligations.

Moreover, standardization for prescribed medications should be prioritized by countries. The standards for producing and importing prescribed medications, turns out to be low. Some countries do not have standards at all for prescribed medications. In countries where they exist, the standards and code



measures are not upgraded periodically to reflect new demands and growth. Where standards exist in nations, standard measures are not autonomous. In view of this, standards or institutions for enforcing standards are severely compromised. Standards and codes which are prepared by institutions in countries are not comprehended by people and institutions which are expected to oblige to these standards and codes due to lack of education and training to expound standards and codes. This low standards creates huge demands and imports of prescribed medications which produces medications that may not necessarily be desired by people or in some cases prescribed medications turns out to be a mismatch. It is pertinent in this regard to establish independent institutions for standardization that outlines lucid codes and standards that ensures effective administering for prescribed medications.

Furthermore, establishing a research and development institute for prescribed medications is indispensable to remedy the adverse effects of prescribed medications. Many countries across the world lack research and development institute for undertaking inquiry, training and education for prescribed medications to address certain illness and diseases. Certain types of illness and diseases are endemic to a region or country and unless that country undertakes special research and inquiry into those endemic quandary, no amount of outsourced or imported prescribed medications will be able to efficaciously remedy that particular endemic outbreak. Certain types of illnesses or diseases only tend to be amenable to prescribed medications found within the confines of a particular country. In the case where there is a prevalence of an endemic illness or diseases, without an effective research mechanism, the endemic prevalence could tend to be devastating. Consequently, it becomes significant to establish research and development institutes in countries across the world for the study of prescribed medications and outbreak of illnesses and diseases.

Also, there should be mass education for prescribed medications across countries. Education plays a critical role in getting enlightened around with issues. Seminars and events to educate and train people on new prescribed medications or existing ones is pertinent to enable people understand and deliberate on prescribed medications. Education and training can take place both online and offline mediums to conscientize people on the various use of prescribed medications. Health personnel should also be made to visit the homes and institutions of people to provide training and educations on prescribed medications. Educations should also be provided on mediums of televisions, radios, televisions, newspapers, billboards and the internet to sensitize people on prescribed medications and diseases. More critically, educations and training should be provided in poor regions and communities across the world to clear doubts and facilitate dialogues that will meet the health requirements of the people. Moreover, there should be formations of unions, NGO and agents who should be tasked to provide mass education to people to teach people more safer and efficient ways of prescribed medications.

## **CONCLUSION**

Diseases and illnesses are inevitable in the human world. Humanity have survived many epochs and trajectories of diseases and illnesses. Humanity have struggled over the years to create a world that is free of illnesses or diseases. Some illnesses and diseases have emanated from generations to generations without full remedy. Some of these illnesses and diseases are caused by human to human activities or from human to animal activities while others are caused by nature to man or from nature to animals or by nature only. The canker of diseases and illnesses have driven man incessantly to design and develop tools and technologies to avert illnesses and diseases. In spite of the health treatment panacea developed by man over the years, some diseases and illnesses from several decades continue to live with man till now. In the past, traditional medications were used by men to neutralize and annihilate



diseases and illnesses. Through different centuries, knowledge has expanded exponentially and man has designed different processes and systems to rectify the deficiencies of diseases and illnesses. In the present technological world, the widely accepted treatment ways are scientific prescribed medications. Scientific prescribed medications over the years have tremendously contributed to curing diseases and illnesses. The effectiveness of scientific prescribed medications over the years have enabled many people to ignore the relevance of traditional medications or approaches to traditional medications. More recently, scientific prescribed medications in recent times have developed cracks with others questioning scientific prescribed medication approaches. The era of COVID-19 led numerous people who were affected by the corona virus to choose scientific prescribed medications as a method to remedy the corona virus canker. On the other hand, others who were also affected by the corona virus chose traditional approach medications to expunge the corona virus. Less people passed on from the use of traditional medications compared to the people who went through hospital scientific prescribed medications. Also people who resorted to traditional medications recuperated faster than those who succumbed to hospital scientific prescribed medications. The enormous numbers of demise from hospital prescribed medications have led to critical questions on scientific prescribed medications. Some of these critical questions were raised in the past by scholars contending on scientific prescribed medications causing iatrogenic illnesses and diseases. In the US for instance, scholars have argued that scientific prescribed medications is the leading cause of death while others have contended otherwise. This paper therefore has explored the global adverse effects of scientific prescribed medications. In this paper, why people subscribe to scientific prescribed medications have been underscored. The paper also outlined the adverse effects of scientific prescribed medications while suggesting remedies. In view of this, scientific prescribed medications needs to be understudied critically to find efficient ways to curb its causes of iatrogenic illnesses and diseases. Also, scientific prescribed medications should be utilized together with traditional prescribed medications to fully cure all forms of diseases and illnesses.

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