

The Advancement of Science

BY GEORGE NORTHRUP JACK, M. D.

The Physical and Chemical Origin of Sickness

Scientific Guardian for the Scientific World, Campaigning for the Immediate World-wide Adoption of the Physical and Chemical Origin of Sickness.

A Treatise on

The unstable blood complex and associated forty year chain of conviction, time and reason, intricate, vital, complex, functioning scientific discoveries and discoveries of missing links in vibrating earth, atmosphere, life, vital complexities.

Part I.

The Unstable Blood Complex,

A definite hereditary clinical entity.

The unstable blood complex constitutes the fundamental origin of asthma, spring fever, summer autumnal epidemic coryza (hay fever) migraine, giant urticaria, hives, rheumatism, gout, arthritis, eczema, functional viscero vascular crises and allied conditions. The physical and chemical origin of sickness is a new territory opened up by my papers, read before medical societies and published in medical journals, constituting forty years of complex scientific research that now lies buried under modern orthodox specific theories. Orthodox, specific theories reached their peak in allergy.

The Struggle

My forty year unstable blood complex vital struggle demonstrated that my forty year research, made while using my own unstable blood as a laboratory, had landed me in a new territory. This vital struggle also demonstrated that the physical and chemical origin of sickness so seriously upset modern specific theories, reaching their peak in modern allergy, that in order to preserve my scientific discoveries and discoveries of missing links in vital complexities, I would have to establish a new school.

Blood Laboratory

My laboratory was my own living unstable blood. I was the first to become convinced that asthma is fundamentally due to an instability of the blood. This conviction made it necessary to collect enough scientific data to prove that asthma is fundamentally due to an instability of the blood. This I did one hundred times over and backwards and made it plain in my published articles. This conviction made it necessary also to discover the mechanism by which a disturbed unstable blood could in from a few minutes to several days, produce a choke-to-death attack of asthma. The solution of these complex functioning problems terminated in my forty year chain of complex, scientific discoveries made by my original method of research that could not have been made by any other method of research or in any shorter time.

To discover the universal atmosphere, food, water, earth, vital complexities that disturb an unstable blood sufficiently to be clinically manifested in an attack of asthma.

To discover a scientific, indicated, physical, physico-chemical and chemical progressive alternating method of acid starvation detoxicating periods alternating with alkaline progressive feeding, blood chemical reconstructing regenerating and stabilizing methods.

To discover or invent scientific, indicated home-made methods of gas filtration, occlusion and revitalization to protect the asthmatic's unstable blood from periodic, nocturnal, regional, seasonal, precipitation blood disintegrating atmospheric gases. Groups of deleterious gases of poor respirability. Groups of gases, that, owing to their blood disintegrating chemical ingredients and blood exhausting physical characteristics, disintegrate unstable bloods sufficiently to produce nocturnal attacks of asthma.

To organize his cooperative intellectual patients in the Advancement of Science Campaign Committee to condemn the twenty year aeroplane, radio and similar gigantic destructive vibrations as vital complexities greatest and most mysterious nuisance and deadly enemy. A gigantic, stealthy vital complex destructive monster that in 1930 had terminated in the loss, the permanent perversion and the infliction of the atmosphere's vital vibration complexities with destructive vibration malignancies.

The scientific interpretation of this means the end of all life in a few years. The process now perhaps irreparably established, as evidenced by the destruction vibration dust bowl in the United States, starving millions in the destructive vibration flood drought famine stricken China, manifested also by an enormous increase in earthquakes — earthquakes simultaneously in different regions covering the earth in the summer of 1935. Hawaii volcano in 1935, also had an unprecedented eruption.

Armistice

The ten year armistice of aeroplane and radio vibrations that I demand will demonstrate that the plowing of the grass was of minor importance in the dust bowl. But that the chief cause of the drought, was the powerful pump action that the violent, aeroplane concussion, destructive vibrations produced.

My Gas Laboratory

1895-1910, Depew, N. Y., blood disintegrating atmospheric gases, while I was Health Commissioner of Depew, N. Y. and also general practitioner, with ordinary office laboratory equipment.

Depew, 1895, a railroad boom village of about 3,000 inhabitants, mostly foreigners, foreigners mostly Polish shop workers. Depew is located in a level, lowland, swampy district. Depew in 1895 had the New York Central railroad shops, the Union carshops, the Gould Copper Shops, the Brass Foundry shops, four trunkline railroads, that passed through that city. In 1895, there were no sewers in Depew, except private sewers for the railroad shops.

Blood Disintegrating Atmospheric Gases
Depew, 1895-1910, furnished me an atmosphere saturated with blood disintegrating atmospheric gases for a laboratory. Blood disintegrating atmospheric

gases from the swamp soil, blood disintegrating atmospheric gases from open toilet pits; sewer blood disintegrating atmospheric gases from the shop sewers opening into a creek that passed through Depew were prevalent. Blood disintegrating atmospheric gases from smoke from the shops and railroads; blood disintegrating gases from excavations while installing Depew's present sewer and water systems.

This combination gave me an atmosphere saturated with blood disintegrating gases as a laboratory.

Nocturnal

I observed that night diffusion of gases was downward, day diffusion of gases upward. Thus nights, with the lack of sunshine, caused the nocturnal gases to be extremely blood disintegrating.

Excavation

With my colleague, the late Dr. D. R. Stratton, I observed that people living along the streets where they were excavating deep trenches through the swamp soil to install the water and sewer systems, often developed malarial fever, and respiratory diseases.

Stratton and I observed that people living along the streets where excavations were taking place, often developed acute colds, coryza, resembling hay fever, bronchitis, diphtheria, asthma and general malaise.

Brass Foundry

The brass foundry in Depew furnished me with blood disintegrating gases and fumes from melting brass. The fumes of the gases from the melting brass disintegrated the blood of many of the men working in the foundry, giving them chills and fever.

Chemical Immunity

Most of the men working in the brass foundry, after a time, developed a chemical immunity to the melting brass disintegrating fumes and gases. Acetylene gas welding generates a blood disintegrating gas also, producing chills and fever.

Refrigerating Gases

Refrigerating gases of certain kinds are blood disintegrating and generate epidemics of sickness with fever, vomiting and prostration, in some apartment houses. These gas fever and prostration sicknesses show the power of blood disintegrating gases to produce sickness.

Fever Gases

There are certain gases that disintegrate the blood, gases that are commonly found in fertile, lowland and swampy regions as sulphurated hydrogen, that in concentrated quantities has disintegrated the blood sufficiently to produce a sickness resembling typhoid fever.

Positive Proof

My fifteen year study of Depew blood disintegrating atmospheric gases furnished positive proof one hundred times over and backward, that my blood disintegrating atmospheric gas groups, as they occur seasonally and periodically, chiefly nocturnal, are the precipitating cause of air sickness or at least 99.9% of sickness.

Belgian Fog

The Belgian fog that in 1930 precipitated in the Valley of the Meuse an epidemic of respiratory diseases that in ten days time took the lives of eighty residents, is the type of nocturnal gases that I worked in while Health Commissioner of Depew, N. Y.

Physico-Chemical Immunity

In the discussion of Kahn's paper on "Newer Concepts of Immunity and Allergy" read before the Buffalo Academy of Medicine, January 30, 1935, I gave the following discussion.

"I would like to report a case of physico-chemical immunity. A patient consulted me Dec. 8, 1934, a man 49 years of age, superintendent of engineering, New York Central Railroad. Asthma since 1926, following a series of abscess infections. Appendix operation 1908, followed by stitch abscess, lasting one month. 1925, tooth extracted, opening up antrum, abscessed antrum following, in hospital five weeks, home two, back in hospital, antrum opened up again, more teeth extracted out of hospital three months, then developed an extreme, severe form of asthma. The attacks were so severe that he would fall to the floor unconscious and froth at the mouth. Hypodermics of pantopon were the only thing that saved his life. The patient was living on hypodermics of adrenalin since 1927. The patient had tried all forms of treatment, had all allergic tests administered in several different cities, had tried oxygen inhalation treatment for several months, had tried Arizona and other climates without any relief. The patient, finally, consulted the Mayo Clinic. The Mayo Clinic gave the patient a thorough examination and thorough study. The patient continued to have his unconscious frothing at the mouth attacks. Dr. Mayton of the Mayo Clinic told the patient that they would rather have any disease than asthma to treat in their clinic, stating that there were so many specific, theoretical cures and causes that it was impossible in many cases to get any benefit. He stated that Jack of Buffalo had the right theory and that he knew of good results that Jack had obtained. This patient responded satisfactorily to my indicated treatment, when suddenly he developed a refractoriness that necessitated a complete change of treatment. After the patient had been treating with me for about four weeks, there was an unusual accumulation nocturnally of my blood disintegrating gas groups. The season was near Christmas and there was fog, or water vapors and smoke that settled to the earth every night. Among these gases, were the drought dust storm gases. As a result of these gases, respiratory diseases were epidemic in Buffalo. The patient developed one of his severe epileptic attacks of asthma, a hypodermic of pantopon brought him out. The patient developed pneumonia after this attack and had a severe case, temperature going to 104. The fever and indicated treatment completely cured all asthmatic symptoms. When the patient recovered from pneumonia, he had no more attacks of asthma, showing that he had developed a physico-chemical immunity to blood disintegrating gas groups."

Jack's Hitchup

I have the asthmatic's unstable blood. This unstable blood gave me my own living blood as a laboratory. Changes in my blood were instantly recorded in my brain. My brain could detect changes in the blood that no laboratory test, microscopic examination or blood chemical test could detect. My misfortune, together with forty years of research, resembles Beaumont's experience. Beaumont discovered the physiology of digestion with a similar method of research

A DISH FOR THE WEEK

A blueberry pudding is a good dessert to top off a light dinner.

Blueberry Pudding

One-half cup of butter
Three-fourth cup of sugar
One-fourth teaspoon of salt
Two cups of flour
Four teaspoons of baking powder
Milk to make stiff dough
One quart of blueberries
Cream the butter and add the sugar gradually. Add the flour, salt, and baking powder mixed together

alternately with the milk until a soft dough is formed. Stir in the blueberries. Pour the mixture into a greased pan and bake in a hot oven, about 400 degrees, for 20 minutes. Remove to a serving dish and pour over it one pint of stewed and sweetened berries. Serve with hard sauce.

Hard Sauce: Ingredients are 1/2 cup of butter, 1 cup of powdered sugar, 1 egg white, 1/2 cup of cream and 1/2 teaspoon of vanilla. Cream the butter until it is very soft. Beat the sugar in gradually until foamy. Then fold in the stiffly beaten egg

white and beaten cream. The egg white and cream may, however, be omitted.

Suggested menu: Cold cuts, combination vegetable salad, whole wheat bread and butter, blueberry pudding, milk for all.

An attendance of around 10,000 is expected at the annual potato field day on August 6. The event takes place on the farm of David W. Mote, between Heritage and Gainsville in Wyoming County.

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while in the wilderness of Michigan, where he made observations through a "fistulous opening" into the stomach of Alexis St. Martin, an illiterate French-Canadian.

Checked

My observations on my own unstable blood were carefully checked by an acute intensive study of 2,045 cooperative unstable blooded patients. My original method of studying the blood was explained in detail in a paper entitled "The Biochemical Metabolic Blood Origin of Asthma and Its Scientific Prevention."

This paper was read by invitation, October 13, 1925, before the Medical Society of Bay Ridge, Brooklyn, N. Y. and published in the New York State Journal of Medicine, June 1st, 1926.

My study of the unstable blood complex was carefully controlled by a careful study of about six thousand stable bloods.

FORTY YEAR CHAIN OF VITAL COMPLEX FUNCTIONING SCIENTIFIC DISCOVERIES

The Unstable Blood Complex

A Definite Hereditary Clinical Entity

The fundamental origin of asthma, summer autumnal coryza (hay fever) eczema, migraine, rheumatism, gout, urticaria, angio edema, functional viscero vascular crises and allied conditions, now buried temporarily under modern allergic fads.

II.

The Mechanism of an Attack of Asthma

A Blocked Dumped Glandular Valvular Capillary Blocked Respiration, Exploding the Ancient Nerve Reflex Spasm Theories. Chevalier Jackson, Philadelphia, famous the world over through his bronchoscopic inventions, discoveries and research, recently wrote a paper stating that asthma dyspnea was not due to a spasm of the air tubes but to a valvular obstruction from thick tenaceous mucus.

III.

THE FUNCTIONAL PATHOLOGY OF ASTHMA WITH SPECIAL REFERENCE TO ITS VICIOUS CIRCLES

INFANT THYMO LYMPHATICA

Youth Adenomyelocytes Lymphatic

Adult Toxic Leucocytic

Old Age Anemo Vascular

IV.

THE GLANDULAR ACTION OF LUNG TISSUE

Giving a new gas control physics of respiration, showing that the air, air tubes, blood and blood vessels

do the respiration while lung tissue performs a glandular function. This discovery exploded the ancient theory that lung tissue is elastic and acts as a bellows in carrying on respiration. My gas control physics of respiration and unstable blood origin of asthma, put me directly in touch with inhaled different groups of atmospheric gases, their effect upon health and sickness. These discoveries enabled me to discover the physical and chemical origin of sickness.

The significance of these discoveries can not be comprehended by anyone that has not had my experience.

V.

THE LYMPH PROPULSION AND EXCHANGE

I have added to my original manuscript announcing the discovery,—skin sub-areolar tissue space and the joint synovial cavities. These two structures force on the lymph circulation with every movement of the body. Sir William Hunter, described a lymph circulation in 1784, and declared it next in importance to the circulation of the blood.

A study of my original manuscript will show that I added the mechanism and chemistry and force that carries on the circulation. Therefore, my Lymph Propulsion and Exchange completes the story.

VI.

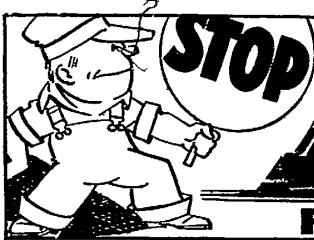
A PROPHYLACTIC GAS FILTERING VENTILATOR FOR SUMMER AUTUMNAL CORYZA AND ASTHMA

The invention of which I announced in a paper read before the American Allergy Association at Chicago, June 10th, 1924, and published in the Medical Journal and Record for August 20, 1924, I was the first to invent methods of gas filtration, occlusion and revitalization for the prevention of air sickness or at least 33 1/3% of all sickness.

Parallel

My discovery of the physical and chemical origin of sickness and invention of home-made methods for gas filtration, occlusion and revitalization for the prevention of at least 33 1/3% of all sickness will parallel the discovery that epidemic typhoid fever and Asiatic cholera were due to water borne putrefactive alkaloids, toxins, substances and chemical viruses, making their prevention possible by modern sanitary plumbing.

All these scientific discoveries except eight have been announced in papers read before medical societies, published in medical journals and the reprints handed out to all of my patients for reference and study



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