

## Etiopathogenesis of congenital and hereditary diseases as a result of impact of a slow viral infection and a rhythm of the Sun on insulin system.

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According to WHO data, now more than 5000 illnesses are caused by genetic disorders. 5 — 8% of newborns are born with congenital defects; 40% of early child mortality and 50% of abortions are caused by genetic pathology.

Hopes are laid on genetically engineered therapy. However results of these basic researches of effect aren't yielded (the report of the director of institute of genetics in the USA Nobel laureate J.J. Watson on August 03, 2008 in Moscow in the House of scientists).

The person — one of three million types in the biosphere of Earth. The biological structure of the person for the last 11 000 years didn't change. Evolution is implemented through development of mental capacities. Sharp body height of hereditary and congenital genetic diseases enters obvious contradictions with the following fact: at the person who was born (conditionally) in 1965 — two parents, in the previous generation 4 more ancestors, in 1215 — 33554432 ancestors, in 1195 — 67088364 ancestors. It follows from this that the genetic component of our contemporaries has to have high potential.

The status of health represents dynamic equilibrium in interspecific fight in the biosphere of Earth. The condition of illness arises when this dynamic equilibrium is broken.

In the light of treating of a disease as interspecific fight of a human body for the biological niche disturbance in a genome of patients with hereditary and congenital pathology, wears not primary, but secondary character: as a result depression of insulenic security due to damage by a slow viral infection of V-cells of islets of Langerhans and reception insulin.

Viruses (poison) — have quality of biological toxin, viruses exist only intracellularly — in cells "tanks conveyors" who to them allow to move and breed in an organism. Viruses, viral diseases are private implication of life of uniform entropy virus system. The virus system — has goal-setting: to stop work of heart and having bred in a corpse (viruses are adapted to oxygen starvation) to go with water to the turnover in the nature.

By us when studying an etiopathogenesis of a diabetes mellitus of the I type in 1982 it was established that damage by a slow viral infection of V-cells of islets of Langerhans has autoimmune inflammatory character of a chronic current which proceeds without pain syndrome as in islets of Langerhans insulin is in an inactive state and is activated only in line with a blood.

The virus system has it inherent an algorithm of realization of impact on the person (and an animal); viruses originally interfere and damage V-cells of islets of Langerhans since they are least immune safety, insulin in them is in an inactive state in the form of pro-insulin and is activated only in line with a blood; break production of insulin and insulin reception, all types of exchange, immunity, a oxygen supply of tissues, a genome. Thus the virus system at a minimum of the effort reaches a maximum of entropy influence.

Viral infection, acute or slow, owing to direct toxic impact on V-cells of islets of Langerhans of mother, reducing insulenic security, breaking metabolic and immune processes, leads to dysfunction and structures of the genetic device with the subsequent formation of congenital pathology and also transfer by inheritance to the subsequent posterity of this adapted viral infection.

Important role of a viral infection and insulenic neediness in development of congenital teratisms high frequency at mothers sick with a diabetes mellitus, the births of children (up to 10%) with various malformations of cardiovascular system, a skeleton, neurologic disturbances, besides a high mortality in the first two days (8 — 18%) testifies.

Disturbance of insulenic system is taped usually at a lesion by viruses 70 — 80% of V-cells of a pancreas — clinic of a diabetes mellitus of the I type; at a thicket the existing smaller lesion of V-cells insulenic neediness proceeds is reserved, and the embryo develops in a condition of metabolic and immune disturbances — the genome is damaged.

By us in 1990 it is established that a lesion viruses of V-cells of a pancreas (of less than 70%) and depression of sensitivity of peripheric receptors of tissues to insulin at young people with developed, calculated on high intelligence, brain very tectonics during active body height of a body and mastering knowledge, leads to schizophrenia.

Our clinical trials showed that insulinic neediness causes Alzheimer's disease. Optimization of insulinic security with biguanides causes remission of a disease at short terms of illness.

The brain at the capacity of 2% from body weight normal consumes 20% of oxygen. Depression of insulinic security at a diabetes mellitus of the I type in a manifestation causes a coma, at schizophrenia consciousness splitting.

Transitions of genius to insanity and vice versa insanity in genius are also explained by a condition of insulinic system, namely fluctuations of insulinic security and neediness under the influence of impact of a slow viral infection on V-cells of islets of Langerhans. Disturbance of insulinic security with a slow viral infection in V-cells of islets of Langerhans causes depression of a oxygen supply of a brain. Schizophrenia (as well as a diabetes mellitus of 1 type) at short terms of illness is successfully treated by insulin – insulinic shock at peak of action of which enters a glucose.

The etiopathogenesis of an autism is identical to schizophrenia of adults.

Comparison of genetic probability of development of schizophrenia to genetic probability of development of a diabetes mellitus of the I type, see table 1.

Table 1

		Probability of development	
		Schizophrenia, %	Diabetes of the I type, %
1.	Monoovular twins	77,6-91,5	30-50
2.	Children from two sick parents	68,1	23-26
3.	Brothers and sisters	11,5-19,3	11
4.	In hereditarily not burdened families	0,85	0,47
5.	Children from one sick parent	16,4	24,5

These data, as well as age feature of probabilities of predisposition to development of schizophrenia and diabetes mellitus of the I type with peak in puberty age confirm existence of the feature of an etiopathogenesis, general for these diseases, – chronic insulinic neediness.

53 children with congenital malformations (35 — with heart diseases, 8 children with the fenilketonuriya which is combined with an oligophrenia) I showed our research in one of districts of Moscow that a relevant essential role is played by time of conception of the child. The most negative are the periods: 1,5 weeks to and 1,5 months after days of a vernal and autumn equinox and also summer and winter solstice. According to us, the Sun during these periods activates a slow viral infection in V-cells of the islets of Langerhans innervated by the Solar plexus insulinic security decreases. At the same time all types of a metabolism are broken, the immunity decreases, the hemorheology, lymphs, liquor, a oxygen supply of tissues and a genome of a fetus (according to us during these periods technogenic and social disasters prevail) worsens.

For detection of hidden current inflammatory process in a caudal part of a pancreas the way of a research of temperature condition of a pancreas (the patent for an invention No. 2514529) is offered.

The spouses planning conception of the healthy child are offered to use the device and a way of a plasmapheresis to prophylaxis of congenital and hereditary diseases.

For fight against a viral infection for the purpose of prophylaxis of congenital pathology the medicine consisting of a siofor complex + Delagilum + acetylsalicylic acid is offered (cells "tank conveyors" of viruses are blasted, the insulinretseption, a hemorheology, lymphs, liquor, bile (invention No. 2391971, 2391972) are restored.

### Conclusion

It is established (2009) the new unknown pattern earlier that in an etiopathogenesis of hereditary and congenital diseases primary role the chronic insulinic neediness caused by a lesion a slow viral infection of V-cells of islets of Langerhans and disturbance carries out reception insulin, the fetus genome as a result is again damaged.

The most negative for conception are the periods of year 1.5 weeks to and 1,5 months after a vernal and autumn equinox and a summer and winter solstice when the Sun activates a slow viral infection. For prophylaxis antiviral therapy (invention No. 2391971, 2391972) and a plasmapheresis is offered.

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