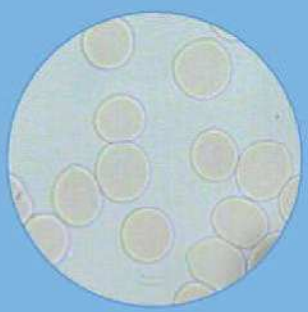
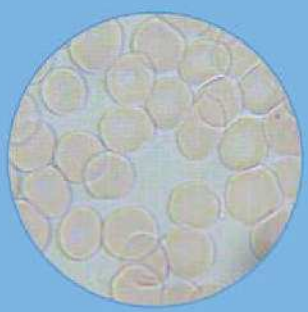
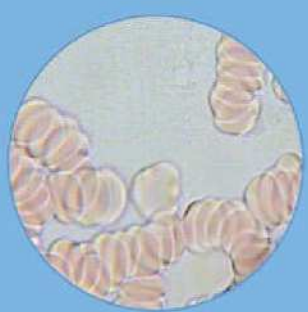
FOR

TORSION™ nanotechnology

07/04/2013 Open Joint Stock Company "Inters" along with the medical center "IRIS" (Moscow), conducted a study of native capillary blood by haemoscanning to verify the protective properties of the Torsion chips. Pictures taken with a microscope, clearly show the state of the blood at every stage of the study.

Step 1 – Blood test without mobile phone radiation.

Erythrocytes rounded, sharp-edged, uniformly colored, detached from each other, surrounded on all sides by blood plasma, which indicates that an optimal transportation of oxygen to the tissues of the body, as well as timely excretion of toxic products of cell metabolism. (Photo 1). Marked anisocytosis - different sizes of red blood cells. Sporadically echinocytes occur (1 item in 3-5 fields of view) which does not exceed the physiological norm (this is the red blood cells with damaged structure at different stages of degenerative changes, more than 3-5% indicates intoxication). Thrombocytes (platelets involved in blood coagulation) in a small amount, are arranged separately from each other. Fibrin thread - thin, delicate, appeared not earlier than the 15th minute (the early appearance - to 5-min. depends on the source of plasma protein acute phase of inflammation - fibrinogen indicates stress the liver and some diseases). This blood picture was observed in different parts of the drop and kept for 20-30 min view that shows a high resistance to the effects of blood damaging factors in the environment outside of a living organism.

| Blood test without mobile phone radiation. | After a conversation on a cell phone for 15 minutes without a protective chip TORSION<br><br>"The adhesion of red blood cells" | coin columns |
|---|---|---|
| **Photo1**<br>  | **Photo 2.1**<br>  | **Photo 2.2**<br>  |

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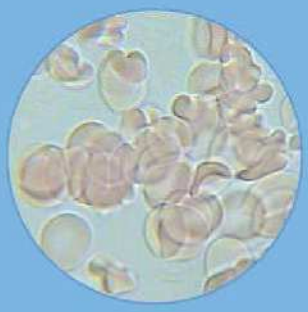
|---|---|---|
| "Sludge erythrocytes" | Pause for 20 minutes to recover from a conversation on a cell phone without a protective chip TORSION . | The blood sampling after a conversation on a cell phone for 15 minutes with protective chip TORSION. |
| **Photo 2.3**  | Pause | **Photo 3**  |

Step 2 - The blood sampling after a conversation on a cell phone for 15 minutes without a protective chip TORSION.

Increasing the viscosity of the blood in comparison with 1st wall: during the first minute - adhesion of erythrocytes to each other by the element 2-3 (photos 2.1), 5-10 min. - The appearance of coin columns (Photo 2.2) after 15 min. - Sludge erythrocytes (Photo 2.3). With 1-minute noted loss of coarse fibrin. Increasing the number of echinocytes (3-5 elements in the field of view). Platelet aggregation was found (5-8 items). Large crystal of cholesterol in the form of a "tree of cholesterol" was found. The blood picture varies in different parts of the drop.

**Conclusion:** Reducing the resistance of blood under invitro. Signs of intoxication. Signs fermentopathy. Pronounced tendency of thickening blood. As a consequence, disturbance of microcirculation in organs and tissues, contributing to the development of oxygen starvation of cells decrease in the intensity of metabolic processes, the accumulation of toxins and products of metabolism, which in turn poison the body, causing a syndrome of intoxication. Due to metabolic disturbances the pH of the body (acidification) changes, creating the conditions for the development of pathogenic micro-organisms (bacteria, viruses, fungi).

(Pause for 20 minutes to recover from a conversation on a cell phone without a protective chip TORSION.)

Step 3 - Blood sampling after a conversation on a cell phone with a protective chip TORSION for 15 minutes.

Blood viscosity is almost recovered (there is not a significant clumping of red blood cells to each other). (Photo 3). Echinocytes and platelets - no change compared with the sample №2. Drop fibrin - similar to blood sampling in Phase 1 picture of blood in different parts of a drop of heterogeneous