Gravitational Action Through Medium In BP Measurement Procedure

Akinori Shiraishi

Shiraishi Hospital, 1-11-11, Kosei-Cho, 700-0985 Okayama-City, Japan

Blood pressure measurment has been carried out by sphygmomanometry as routine clinical works. It is neccesary for this procedure to auscultate vessel noise as for BP values. There exists 5 sounds corresponded to maximum and minimum BP values. But, ther is nothing to show the evidence of real sound connected with blood pressure values in present time.

Although, using sound sensor, temperautre sensor and pressure sensor, sphygmomanometry procedure can be analized and computerized to set up the dynamical data in human surface space. So that, it is turned out to exist human surface sapce structure and atmospheric space structure. In the former, cycloid wave exists and in the latter, visible gravitational action through air exists. At the point of view from human chest cavity anatomy, chest cavity curvature is quite similar to cycloid curves. So, heart and lungs motion trajectory also shows the same cycloid waves, and this chest cavity constructs human body pendulum system from regular heart beats and lungs respiratory motion. Considering of this cycloid waves trajectory and isochronism of chest cavity pendulum system, Shiraishi's gravitational formula could be set up as following as that. It is going after that $G=16\ \pi^2\ T^{-2}\ \alpha^{-1}\ L$ (cm/sec^2), (T:1/(24×60×10×0.9973)), (α=1 in atmosphere, else ≠1), (L=100cm / human, L=2×(altitude+tererstrial radius) / the Earth).

Moreover, it is found that the space structure constant (=0.0075006) acts on atmospheric pressure, and lead up to isolate real atmospheric potential. So, it is named as terrstrial space operator by Shiraishi, and this operator is constructed from g^{-1} (gravity: 9.80665 m/sec^2) and ρ^{-1} (mercury density: 13.5951 g/cm^3). This operator acts on atmospheric pressure (760mm Hg), and the potential in 760mm Hg should be amount to 760mm, but the atmospheric pressure potential shows 5.700456mm. This operaror's functon could be considerde as the reducing factor for the potential in terrestrial surface space pressure. So that, calculated real potential in 760mm Hg is turned out to be so little and almost indiffrent to atmospheric surface pressure.

And Shiraishi's gravity formula has the fuction to calculate the gravity, acting directly in terrestrial surface e.g. in 1mm length. So it is possible to see the gravity action through the medium in very short distances, for instance, on the human body surface. In this understanding of gravity, the dynamic works in microscopic field could be considered to be as same as in macroscopic field. Also, the force action to the substances could be accounted for more precisely.

After all, atmospheric and blood pressure contain in common ñ, gravity and potentials. And especially, human body inside does not show any physical evidences of life motion itself except ages, respiratory cycloid and heart beats waves, and their trajectories as space vectors in 3-dimension including proper time. Dynamic human-body motion trajectories as cycloid waves looks like quite similar to spiral DNA chain in 3-dimension. And proper time in both human and terrestrial space is considered to show the correspondence on length (from kilometer to Å). Therefore, space structure constant (ρ^{-1} x g^{-1}) has the prominent function as the differential derivative operator, working as vector on space-time and length. So, the calculated potential in atmospheric pressure is turned out so little as to make visible the gravitational action in human body surface space on blood pressure measurement procedures.

Reference

Rikanenpyo (Chronological Scientific Tables), National Obserbatory (ed.) Maruzen Co. Ltd.