



Investigating effects of Geopathic Stress on Health Parameters in Young Healthy Volunteers

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Abstract

Geopathic stress is the form of energies coming from earth that cause nervousness and ill effects in living beings. Sleeping and working continuously in a geopathic zone leads to emotional and physical troubles. Exposure of Geopathic stress zone for a longer period shows symptoms of drowsiness, inattentiveness, daydreaming and headache. Induction of cancer, miscarriage, chronic health and personality changes had been linked with geopathic stress. The present study is intended to observe probable effects of geopathic stress on respiratory and cardiovascular system of student volunteers. The study reported in present paper was carried out in Pune city. Site selection was done using dowsing method described in the paper. Ten volunteers were selected for the study with no history of illness. Instructions about experiments were given and their consent was taken. Health parameters were recorded using simple six channel multiparameter Caddo 19 B model. These observations were compared with controlled observations. It had been observed that stress due to geopathic zone affect health. The changes in health parameters are statistically significant for $p = 0.05$ level.

Keywords: Multipara; Geopathic stress; Health parameters.

1. Introduction

There are some natural phenomena taking place continuously, which can be detrimental to the immune system of human being to a great extent. Geopathic Stress (GS) is one of these. The term “Geopathic” comes from two Greek words: ‘geo’ means of the earth, and ‘pathos’ means disease or sufferings. Geopathic stress also represents negative energies in the surrounding and hence known as ‘harmful earth rays’. Earth energies can be bad, good or neutral. It can be related to irregularities in the earth’s magnetic field, which can be disturbed by streams of underground water, geological fractures, quarries, mine workings and other features [1].

Geopathic stress occurs as an effect of disturbances in the earth's magnetic field. It can occur either through natural disturbance such as geological faults and underground water or through manmade disturbances. Examples of man-made disturbances include underground transport systems, mining, public utilities and ley lines. Ley lines are usually recognized as a man-made and occur where sacred stones (stones that have been energetically charged) are laid in a straight line. Like electromagnetic pollution, there is much skepticism from the scientists as to whether or not geopathic stresses actually cause illness. However, it is thought that it can weaken the body's natural defenses [2]. Geopathic stress is a primary



factor influencing the health or sickness of our living or working environment. Energies from earth at specific locations have an ability to change the normal functions of the human body as it generates harmful radiations and produce heat, which affects the human health [3 - 6].

World Health Organization (WHO) reported that nearly 30 % of all buildings are sick buildings. This may apply to either homes or offices. Some people are affected by geopathic stress more than others. Those who are not affected at that instant can be affected later on, if their sensitivity changes. Many plant species are also susceptible to magnetic environment and will either flourish or fall short depending on the presence or absence of geopathic stress. Many flowering shrubs, fruiting trees, beech trees and vegetables that come to a head above ground will fail to flourish in the GS zone. Interestingly, some plant and animal species are attracted to geopathic stress and may be an indication of its presence. Cats are very fond of it, as are insects generally, moulds and fungi, plants in the nightshade family and a number of medicinal herbs, including mistletoe. Human responds to geopathic stress up to certain extent but children are remarkably sensitive. If a child sleeps properly in one corner of the cot, at the place where he finds that area has least geopathic stress. He migrates to the place of least stress. If he has difficulty in settling at nights and tries all different places in their cot but is still unhappy, then it is likely that the whole cot is on a site of geopathic stress [7].

Investigators had reported that persons who stayed long time by seating or sleeping with their parts of bodies exposed within GS zone, commonly experienced the following effects:

- (a) Seating: frequent waking with feeling of tiredness, tingling and lack of sensation of feet, fatigue in the morning and restless sleep, migraine, rheumatism, nervousness
- (b) Heads: restlessness, migraine, nervousness, and demonic attacked
- (c) Chests: tingling and lack of feeling of hands, insomnia and fatigue in the morning; cardiovascular circulation problem, asthma, and migraine.
- (d) Abdomens: tingling and numbness of feet, insomnia and fatigue in the morning; rheumatism, migraine, and nervousness
- (e) Extremities: tingling and numbness of feet, insomnia and fatigue in the morning; arthritis, migraine, and nervousness.

Experimental Work

Selection of site

Dowsing is one of the commonly employed methods for finding underground water, minerals in form of deposits and oil deposits. It is also called as divining. In the past, the method was used to locate sites of water wells, gems stones and even missing person also. In the method, detection of the ground deposits can be done with simple pair of rods. These rods are made of material like copper, brass or steel.

Pair of rods is bent into in L shape. One end of rod is held in the hand and other is kept just forward. The length of rod in the hand is 20 cm. It is bent at right angle and the length of bent part is 30 cm. Rods are held in each hand slightly away from the body in a parallel position. They are hold such that the short arm of the L shape rod held upright and the long arm is directed straightforward.

The L shaped rods will become more reactive if one holds them horizontally in which they give better response in the position. Dowser walks slowly step by step over the locations where he suspects the target (for example, minerals or water). The dowsing rod dips, inclines when a target is located. When water or mineral is found, the rods get crossed over one another making an X as indicated in Figure 1. If the object is lengthy and straight, such as a water pipe, the rods may point in reverse directions. In this experiment L shaped rods made of copper were used. Selection of site for geopathic stress study was done using copper L shaped rod. Using this technique we have selected site of geopathic zones at Sangvi in Pune city.

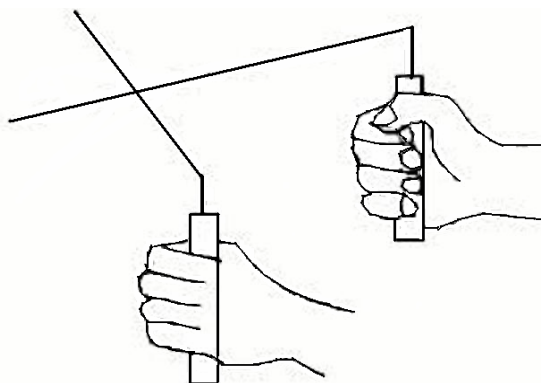


Figure 1. Selection of site using dowsing

Sample and experiments

Ten young healthy volunteers of age group 18 to 25 years were selected for the study. By measuring blood pressure, temperature, body mass index and heart rate of every volunteer, normal case were selected for further experiments. The nature of the experiments was explained to the volunteers and their consent was taken. Volunteers suffering from any major illness like any asthma, serious cardiovascular disease, including arterial hypertension, metabolic and neurological disorders that could influence respiration rate and BP were excluded from the study.

The recording of respiratory rate (RR) and SPO₂ along with systole blood pressure (SBP), diastole blood pressure (DBP), heart rate (HR) of a volunteer under observation was done with the help of simple 6 channel multipara monitor-Model Caddo 19 B. The Multipara monitor measures subject's vital parameters and displays the data on the screen. The obtained data can be stored and printed. The instrument is capable of producing information of ECG wave forms, peak interval, RR, respiratory rate, temperature, SPO₂, pulse rate and blood pressure parameters. It has five electrodes of ECG, SPO₂ sensor,

blood pressure cuff and temperature sensor. The volunteer is asked to sleep in relax position in non geopathic stressed (NGS) zone for 20 minutes as shown in Figure 2.



Figure 2. Photoshot of an arrangement in non GS zone

The observations of respiration rate (RR) saturated oxygen (SPO₂) were noted for every five minutes for each volunteer along with systolic blood pressure (SBP) and diastolic blood pressure (DBP) and heart rate (HR). Then he is asked to sleep in geopathic zone (GS) for 20 minutes and above parameters was noted again after every five minute.

Results and Discussions

Variation in BP

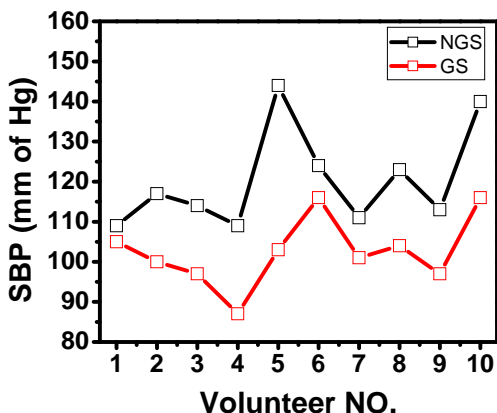


Figure 3. Variation in SBP for different subjects

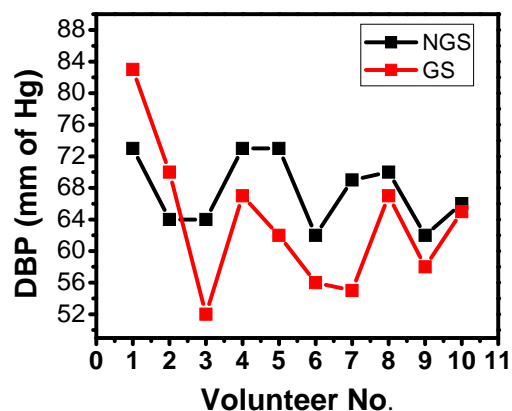


Figure 4. Variation in DBP for different subjects

Comparison with non geopathic zone, it is observed that there is 15.28 % decrease in SBP (Figure 3) and 5.9 % decrease in DBP after staying 20 minutes in GS zone (Figure 4).

3.2 Variation in Heart Rate

Decrease in heart rate was noted for every volunteer who stayed in sleeping posture for 20 minute continuously (Figure 5). The maximum decrease of 20.45 % and minimum of 11.80 % was noticed. Again the change in HRV varied from person to person. The change is depicted in Figure 5. Overall change in heart rate is statistically significant indicating that radiations emitted due to geopathic zone affect heart rate.

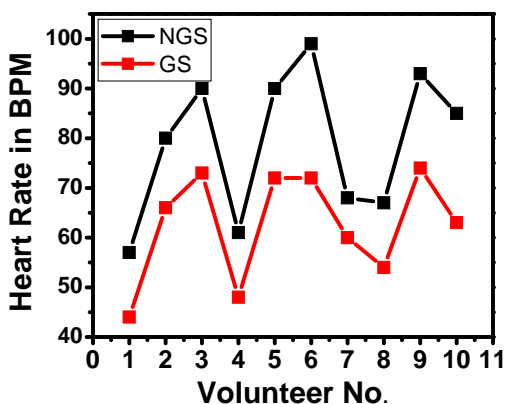


Figure 5. Variation in HR for different subjects

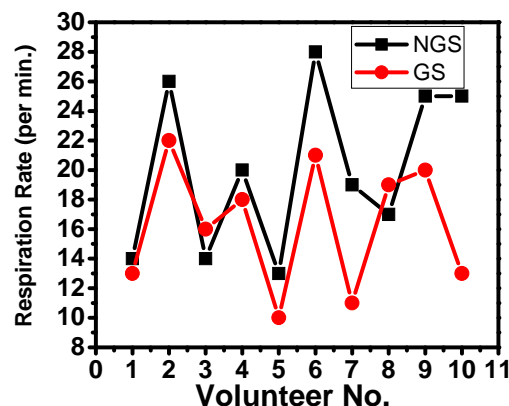


Figure 6. Variation in RR for different subjects

Variation in Respiration Rate

Percentage change in respiration rate is from 7 % (minimum) to 48 % (maximum). Average variation is 21 %. These variations are shown in Figure 6.

Variation in SPO₂

As indicated in Figure 7, SPO₂ decreases by 1.5 % after staying 20 minutes in geopathic stressed zone. Figure 8 represents typical variation in health parameters for 10 minutes and 20 minutes during stay in geopathic zone. It is obvious that all the parameters under study showed descending nature in value of all the parameters after stay of 20 minutes in GS zone. Maximum change in DBP noted was 36.49 %. Similarly, minimum decrease was observed in percentage of saturated oxygen content in body. Table 1 shows statistical p value for various parameters.

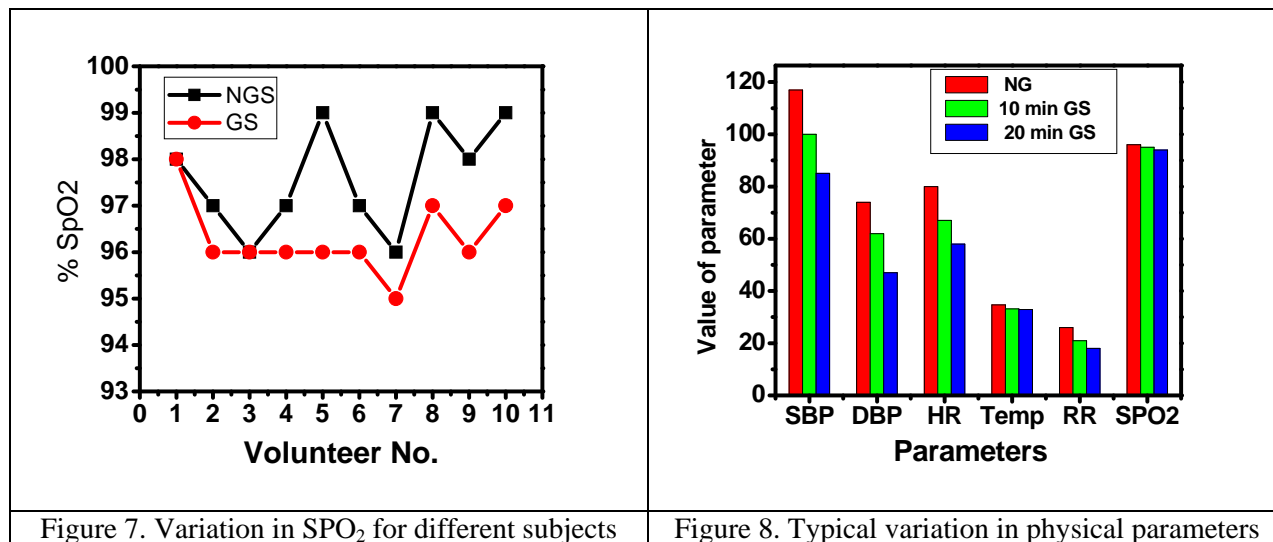


Table 1 Statistical p value for various parameters

Parameters	SBP	DBP	HR	RR	% SPO ₂
p value	0.0017	0.218	0.011	0.106	0.01

Conclusions

The study indicated that site (geopathic stress zones) selected for the study showed significant change (at $p < 0.05$) for all health parameters. This effect is short time effect. Long stay in GS zone may show definite changes, which will affect immunity of human being. With the methods used in our study, we could find a change in health parameters for small number of person’s long-term exposure to stress, may, have negative effects on the majority of people. Residence in Geopathic Stress zone should be avoided as it may lead to dangerous diseases.

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