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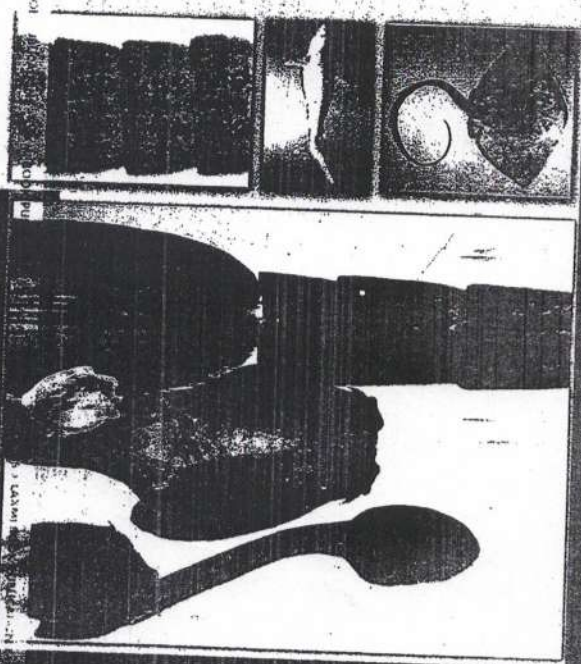


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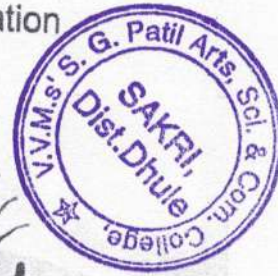
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Human Rights and Pranayama



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Abstract

Health is a basic human right of human being but we are not aware of this fact. So, one of the key element of health is Yoga, which plays an important role to maintain the complete health. Blood Pressure and Obesity are the major common problems in a large group of population worldwide, which is a major risk factor for heart failure, chronic kidney disease, CVD and premature death. Yoga is a science and its practice harmonizes the body and mind. It is a best option of treatment for the benefit of body, mind and inner spirit. Yoga therapy has shown to be useful to subjects with hypertension and obesity. The objective of our study is to study the effect of Yoga and Pranayama on blood pressure and BMI.

Key words: Blood pressure, BMI, Yoga, Pranayama

Introduction

Yoga is an ancient system of self-development which offers a holistic approach to man through its ideology and techniques. Yoga is science and its practice harmonizes the body and mind(1). Yoga is an ancient Indian system of exercise and therapy, is an art of living system for the benefit of the body, mind and inner spirit. Regular practice of Yoga can help to decrease the stress and anxiety. Asana like Paschimottanasana help to increase blood flow to the brain, reduce stress, have calming effect on the nervous system, and greatly help in reducing hypertension (2). Hypertension is a major chronic lifestyle disease and an important public health problem worldwide. Yoga is a mind-body therapy and an alternative to medication, also contribute to an increased feeling of empowerment for patients in preventing and treating hypertension(3).

Obesity is the greatest health problem in the developed world. Adults obesity rates become four times as great over the last 25 years, at least two to three stone overweight and putting their health at serious risk. Most of people eat more food than they require, and much of it is higher in calories that the human body was originally designed to cope with. Fast food, high calories snacks, cold drink and large portion of meals given more energy than required. So, obesity is generated in the body and it also makes a person far more likely to develop a range of health related problems or psycho-somatic diseases like Heart Disease, Arthritis, Hypertension, Diabetes mellitus, Spondylitis,

Infertility, Depression etc.(4).

Yoga provides one of the best means of self-improvement and gaining full potential of one's body, mind and soul. It has been proved beyond doubt that pranayama and certain asanas are a very important means for preventing and curing many ailments. Since 10 years, research studies have shown that the practice of yoga improves strength and flexibility and may help in control parameters as blood pressure, respiration, heart rate and metabolic rates(7). So in this study we observed beneficial effects of 3 month Yogic exercise on parameters of hypertension (systolic and diastolic BP), obesity (Body weight, BMI) in subjects on hypertension and obesity.

Objective of the Study

1. To study the effect of Yoga and Pranayama program on the blood pressure level in the hypertensive and on weight in obese subjects.
2. To find the effect of a specific yoga and pranayama for weight reduction in obese subject.

Materials and Method

Inclusion criteria: Adult patients suffering from Blood Presser and BMI either singly or in-combination, single or two in one have been included in this study.

Exclusion criteria: Patients suffering from other disorders like liver disease, pulmonary disease, malabsorption, thyrotoxicosis, alcoholism and non-cooperative patients were excluded from the study.

Selection of patients and duration of study: We have selected subjects from Town Pimpalner, District Dhule, Maharashtra, India The study was undertaken at Sant Thakursih Dnyanpeeth Highschool, Pimpalner, District Dhule, Maharashtra. In this study 30 patients were included after screening by inclusion and exclusion criteria for blood presser and BMI (>26-30 Kg/MZ overweight and >31-39 Kg/mz Obese range). These patients were randomly segregated in to two groups, each group have 15 patients. Group I is the study group for evaluation of the effect of Yoga asanas and Pranayama in addition to the dietary and other lifestyle modification. Group II was given instruction on dietary and lifestyle modification but not to do Yoga, Asanas and Pranayama.

The study protocol was ethically approved by the Institutional Ethical Committee. An informed consent of

Conclusion

- The present study reveals that yoga therapy is the best solution to regulate Hypertension, body weight and BMI.
- The yogic practices can be used to decrease significantly in systolic and diastolic blood pressure and BMI.
- Prolonged practice of Yoga can be more beneficial in patients with chronic illnesses.
- This non pharmacological approach is very good for every person.

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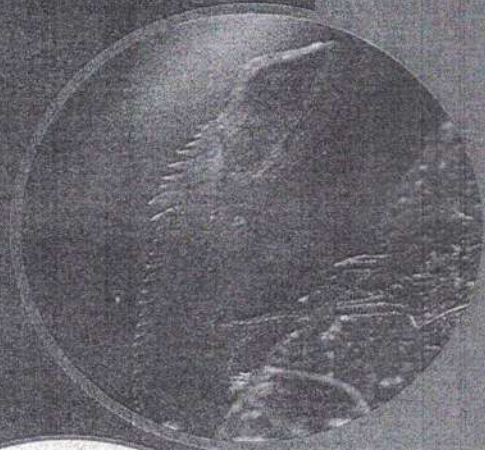
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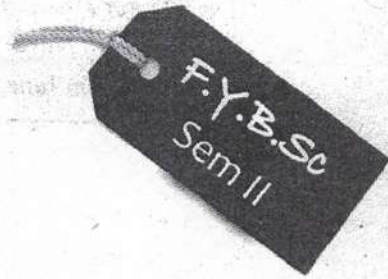
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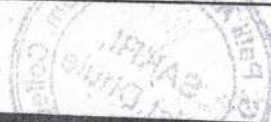
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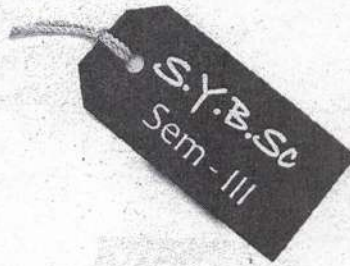
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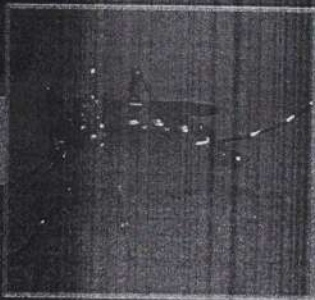


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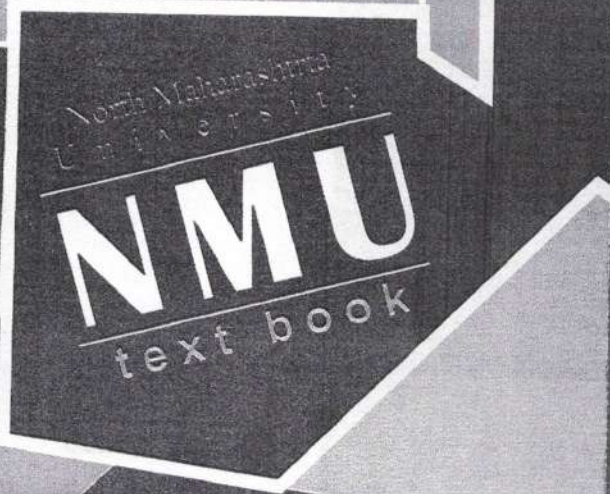
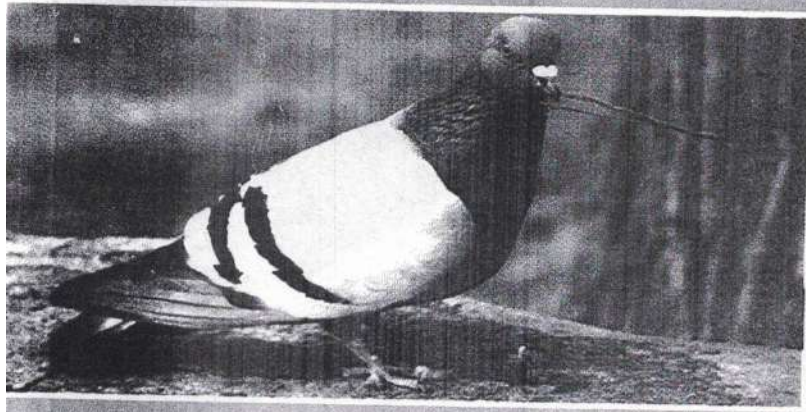
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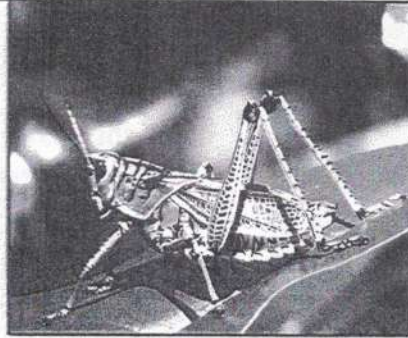
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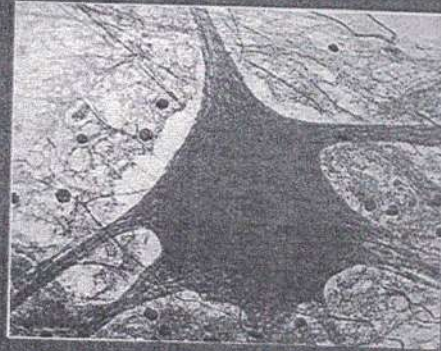
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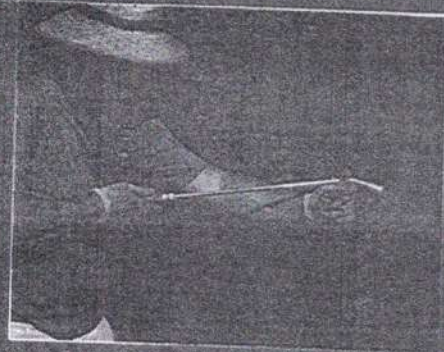
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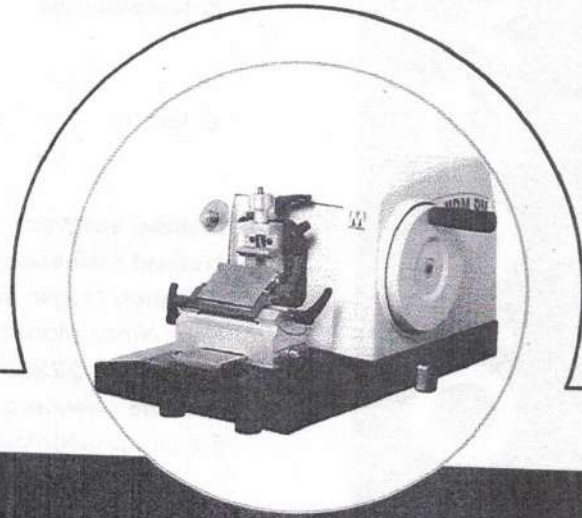
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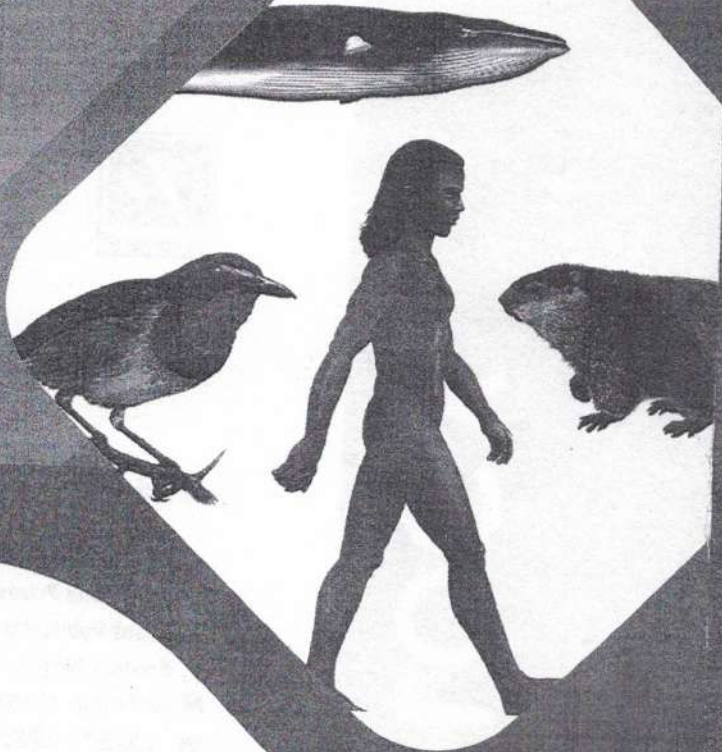
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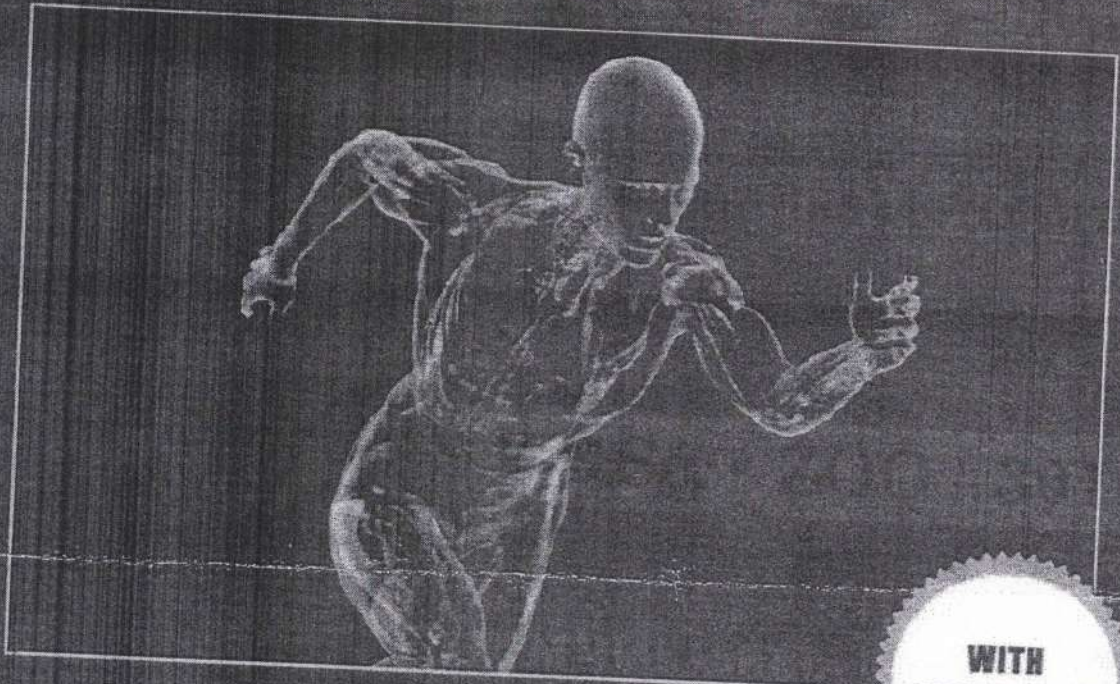
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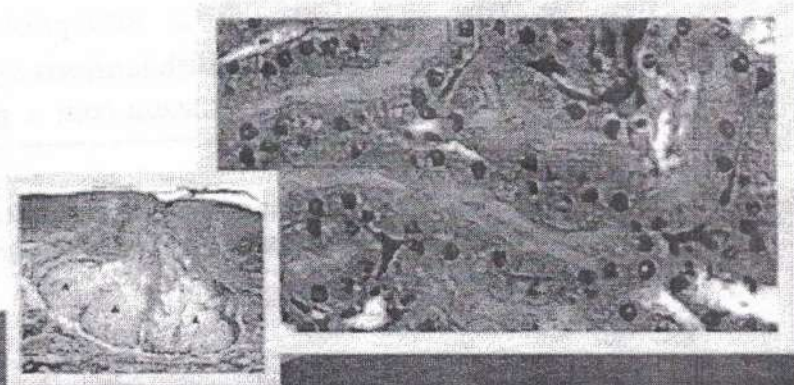
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