

# Impact of Yoga and Meditation on Patients Suffering from Diabetes – An Alarm for Life Style Change

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## ABSTRACT

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*Life style change is an indispensable component of life. Life is definitely changing every instant. As he developed and found out better technology, in the contemporary occasions life changes at unthinkable speed; there can be even more tension on people to switch as per the modern requirements. There possess been some undesirable adjustments in the contemporary life. Therefore, in this paper we discussed life style vision board architecture for diabetes patients.*

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## 1. Introduction

Diabetes [1,2,3] is a chronic condition associated with abnormally large levels of sugar (glucose) in the blood. Insulin [4,5] created by the pancreas decreases bloodstream glucose. Lack or inadequate creation of insulin, or a failure of the body to correctly make use of insulin causes diabetes. Many people start training yoga as a method to deal with emotions of stress and anxiety [6,7]. Oddly enough plenty of, there is very a little of study displaying that yoga can help decrease nervousness. In one study, ladies diagnosed with an anxiety disorder took part in yoga classes double every week for two weeks [8]. At the end of the research, those who used yoga experienced considerably lower amounts of stress than the control group.

Another research followed women with post-traumatic stress disorder (PTSD), which is characterized by serious anxiousness and dread subsequent publicity to a traumatic event [9]. After few weeks, the ladies who used yoga once each week experienced fewer symptoms of PTSD. In fact, 51% of individuals no much longer fulfilled the requirements for PTSD at all. It's not really completely obvious precisely how yoga is usually capable to decrease symptoms of stress and anxiety. Nevertheless, it stresses the importance of becoming present in the instant and obtaining a feeling of peace, which could help deal with nervousness [10,11].

## 2. Background Study

Even more particularly, yoga assists the lymphatic program fight infection, eliminate cancerous cells, and get rid of the harmful waste materials items of cellular working [12]. When you frequently get your heart rate into the aerobic range, you lesser your risk of heart attack and may relieve depressive disorder. While not really all yoga is usually cardiovascular, if you do it strenuously or consider circulation or Ashtanga classes, it can increase your heart rate into the aerobic range [13,14].

But actually yoga exercises that avoid obtain the heart rate up that high can improve aerobic training. Research possess found that yoga practice decreases the relaxing heart rate, raises stamina, and can enhance the optimum subscriber base of oxygen during exercise all reflections of improved cardiovascular fitness [15]. One research discovered that

subjects who had been trained just pranayama could perform even more workout with much less oxygen.

Yoga lowers cortisol amounts. If that does not audio like very much, consider this. If your cortisol levels stay high actually after the problems, they can bargain the immune program [16]. But chronically high amounts undermine memory space and may result in long term adjustments in the mind. Additionally, extreme cortisol offers been connected with main depressive disorder, osteoporosis, and insulin level of resistance. In rodents,

## 3. Life with diabetes

This is important whenever you have diabetes, as what you eat impacts your blood sugar. No foods are purely off-limits. Concentrate on consuming just as very much as the body requirements. Obtain lots of fresh vegetables, fruits, and whole grains [17]. Choose non-fat dairy products as well as, slim meat. Limit foods that are high in sugar and excess fat. Keep in mind that sugars change into sugar, therefore view the carb consumption. Try to maintain it regarding the same from meal to food. This is usually actually even more essential if you consider insulin or medicines to keep control of the blood sugar. It's period to begin. You avoid possess to sign up for a fitness center and perform cross-training. Simply walk, trip a bicycle, or perform energetic games. It also decreases the probabilities of obtaining heart disease [18]. The blood sugar amounts move up. Individual may forget to workout, eat right, or consider the medications. Yoga or hobbies are therefore important to relax patient.

### 3.1 Life Style Vision Board

All people with diabetes should participate in diabetes self management understanding to accomplish the knowledge, abilities as well as , ability required for diabetes self-care and in diabetes self-management assist to support with employing and supporting skills and actions needed for ongoing personal administration, both at diagnosis and so as required afterwards.

Vision board suggestions and good examples are incredibly useful and inspirational when building your own. In this section we will display you how to make your personal

vision boards and how to make use of them to increase your visualization practice for great life style. By symbolizing your goals with pictures and images you will in fact strengthen and

stimulate your feelings because your mind responds highly to visual stimulation.

For understanding we provided life style vision board in table 1 below.

**Table 1: Life style vision board**

| Vision Count | Health                        | Set Goal    | Family    | Set Goal | Work             | Set Goal |
|--------------|-------------------------------|-------------|-----------|----------|------------------|----------|
| 1            | Diabetes blood glucose levels | 100 mg/dL   | Kids      | X        | Performance      | X        |
| 2            | Blood pressure level          | 120/80 mmHg | House     | X        | Promotion        | X        |
| 3            | Foot care                     | X           | Car       | X        | Higher Education | X        |
| 4            | Eye care                      | X           | Education | X        | Working Abroad   | X        |

By getting a vision board someplace you may see it every day time, assets, and possibilities you want to accomplish your objective. Consider some period to produce a list of terms that explain just how you need to experience.

#### 4. Conclusion

Becoming healthy ought to become component of your general lifestyle. Living a healthy lifestyle can help prevent

chronic illnesses and long lasting ailments. Sense great about yourself and acquiring treatment of your wellness are essential for your self-esteem and self-image. Maintain a healthful lifestyle by performing what is usually right for your body. Socioeconomic position, level of education, family members, kin and social networks, gender, age group and social affects all impact the choice of lifestyle.

#### References

- [1]Lee, Jamie Jia Yan, et al. "Service use, advance planning and lifestyle changes following cognitive screening in primary healthcare in Singapore." *International psychogeriatrics* 30.1 (2018): 139-145.
- [2]Arambepola, Carukshi, et al. "The impact of automated brief messages promoting lifestyle changes delivered via mobile devices to people with type 2 diabetes: a systematic literature review and meta-analysis of controlled trials." *Journal of medical Internet research* 18.4 (2016): e86.
- [3]Singh, Amit Kumar, et al. "Partitioning of radiological, stress and biochemical changes in pre-diabetic women subjected to Diabetic Yoga Protocol." *Diabetes & Metabolic Syndrome: Clinical Research & Reviews* 13.4 (2019): 2705-2713.
- [4]Reddy, K. R. C. "Effect of Chanaka Yoga as a dietary supplement in the management of Type II diabetes mellitus patients." *International Journal of Green Pharmacy (IJGP)* 10.04 (2017).
- [5]Jayawardena, Ranil, et al. "The benefits of yoga practice compared to physical exercise in the management of type 2 Diabetes Mellitus: A systematic review and meta-analysis." *Diabetes & Metabolic Syndrome: Clinical Research & Reviews* 12.5 (2018): 795-805.
- [6]Raveendran, ArkiathVeetil, Anjali Deshpandae, and Shashank R. Joshi. "Therapeutic role of yoga in type 2 diabetes." *Endocrinology and Metabolism* 33.3 (2018): 307-317.
- [7]Singh, Amit Kumar, et al. "Partitioning of radiological, stress and biochemical changes in pre-diabetic women subjected to Diabetic Yoga Protocol." *Diabetes & Metabolic Syndrome: Clinical Research & Reviews* 13.4 (2019): 2705-2713.
- [8]Hegde, Shreelaxmi V., et al. "Effects of Yoga Versus Sham Yoga on Oxidative Stress, Glycemic Status, and Anthropometry in Type 2 Diabetes Mellitus: A Single-Blinded Randomized Pilot Study." *International journal of yoga therapy* (2019).
- [9]Kumar, Asima, P. S. Vijayakumar, and Sahana Murthy AU. "Yoga therapy for Metabolic Syndrome-A Review." *Journal of Ayurveda and Integrated Medical Sciences (ISSN 2456-3110)* 3.6 (2019): 105-113.
- [10]Johnson, Heather M., et al. "Documented lifestyle education among young adults with incident hypertension." *Journal of general internal medicine* 30.5 (2015): 556-564.
- [11]Polak, Rani, Rachele M. Pojednic, and Edward M. Phillips. "Lifestyle medicine education." *American journal of lifestyle medicine* 9.5 (2015): 361-367.
- [12]Mirowsky, J., & Ross, C. E. (2015). Education, health, and the default American lifestyle. *Journal of health and social behavior*, 56(3), 297-306.
- [13]Brobeck, Elisabeth, et al. "Lifestyle advice and lifestyle change: to what degree does lifestyle advice of healthcare professionals reach the population, focusing on gender, age and education?." *Scandinavian journal of caring sciences* 29.1 (2015): 118-125.
- [14]Bhargava, H., R. Nagarathna, and H. R. Nagendra. "Yoga Based Lifestyle for Prevention of Medical Emergencies." *Int J EmergMent Health* 17 (2015): 661-663p.
- [15]Bhardwaj, Puja Rani, and Abhishek Kumar Bhardwaj. "Therapeutic applications of yoga for weight reduction in obese population: an evidencebased overview." *Online Journal of Multidisciplinary Research* 1.1 (2015): 1-5.
- [16]Naik, Dukhabandhu, and Nihal Thomas. "Yoga-a potential solution for diabetes & metabolic syndrome." *The Indian journal of medical research* 141.6 (2015): 753.
- [17]Tolahunase, Madhuri R., et al. "Yoga-and meditation-based lifestyle intervention increases neuroplasticity and reduces severity of major depressive disorder: A randomized controlled trial." *Restorative neurology and neuroscience* 36.3 (2018): 423-442.
- [18]Abdul-Aziz, Ahmad A., et al. "Lifestyle therapy for the management of atrial fibrillation." *The American journal of cardiology* 121.9 (2018): 1112-1117.