



The Value of Homeopathic Medicines in the Treatment of Diabetes

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● **Abstract**

Diabetes is a medical disorder characterized by elevated blood sugar (glucose) levels. It arises when your body isn't reacting to the effects of insulin correctly or when your pancreas produces insufficient or no insulin at all. People of all ages are impacted by diabetes. The majority of diabetes types are chronic (lifelong), and all types can be controlled with medicine and/or lifestyle changes.

modifications. Diabetes can lead to a wide range of health issues, including kidney, heart, and eye disorders.

Diabetes is a long-term medical condition. To choose the best homeopathic remedy, one should speak with a licensed homeopathic physician. medication and its effectiveness. Goal: Although there are numerous allopathic medications available to treat diabetes, they have several adverse effects.

● **Introduction**

India's recent rapid industrialization and urbanization have brought about incredible changes to people's way of life. People who live in cities frequently smoke, eat a lot of junk food, and don't go around much. The

primary causes of obesity are a high-calorie diet, inadequate exercise, and excessive stress factors contributing to the rising prevalence of diabetes mellitus. Despite the astounding advancements in medical technology, prolonged elevated blood glucose levels can lead to many long-term consequences, such as heart disease, brain impairment, and vision difficulties. In medicine, type 2 diabetes is referred to as diabetes mellitus. Although distinct, diabetes insipidus is connected to illness caused by medicine. Considering that both of these make you drink more more frequently drink water and urinate, they are both referred to as diabetes." Diabetes is less frequent than diabetes mellitus. lackluster. Type I diabetes mellitus that is insulin-dependent and Type II non-insulin-dependent diabetic mellitus is the two types of principal types of diabetes mellitus. Currently, there are more than 280 million people worldwide suffer from type 2 diabetes and associated consequences; by 2030, that figure might potentially quadruple.

- **Pathogenesis**

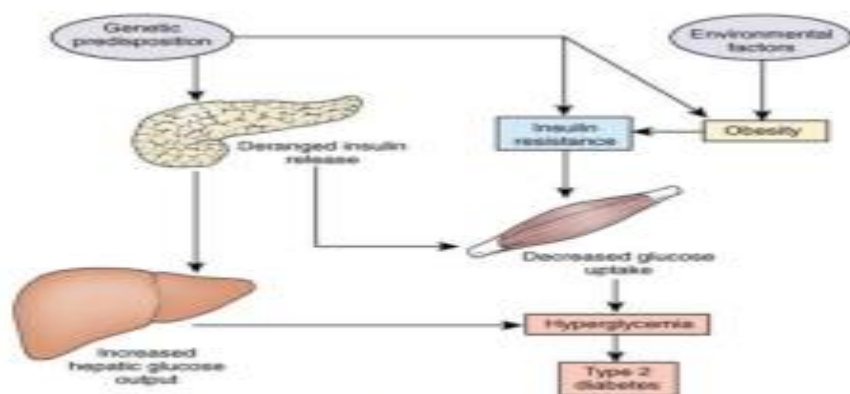


Figure 1. Pathogenesis of diabetes mellitus.



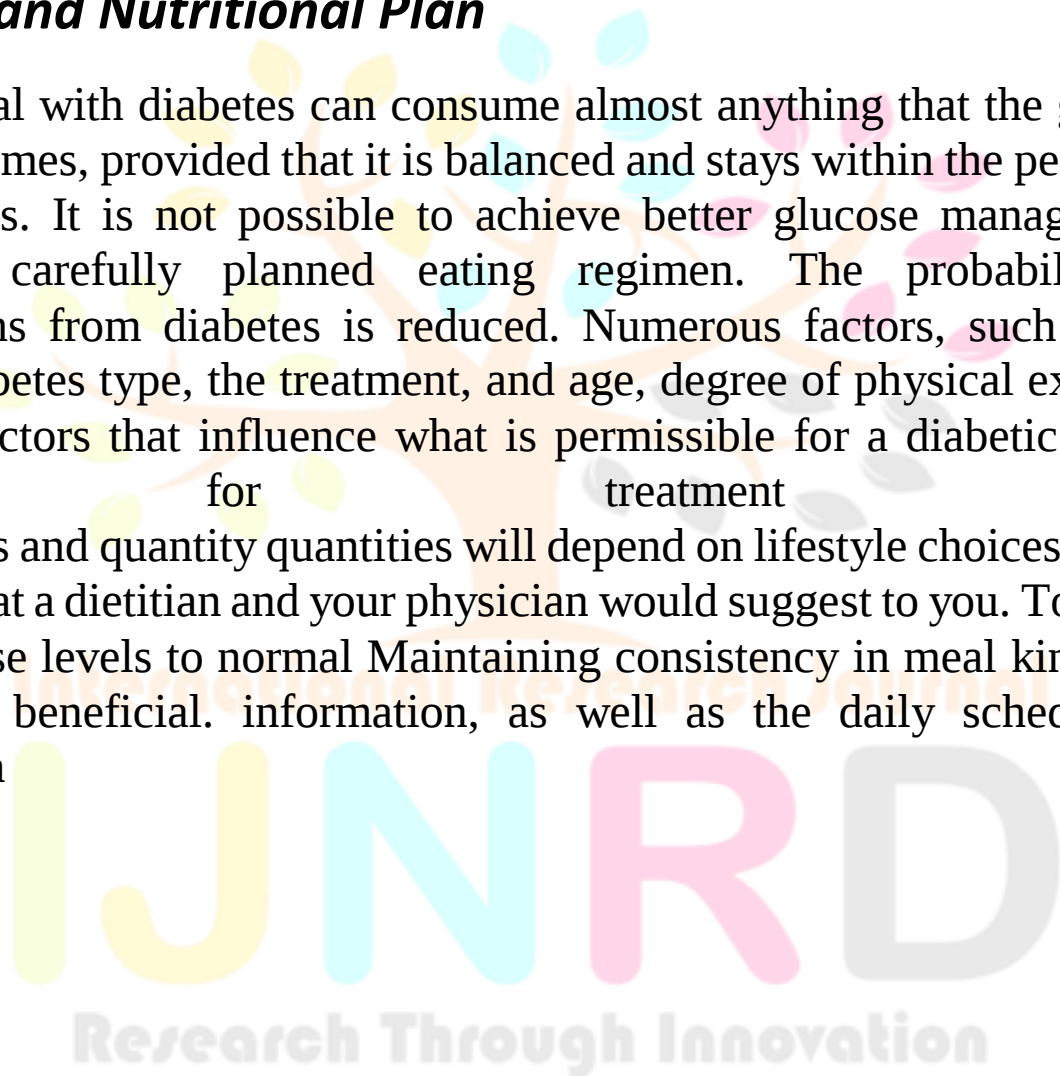
Figure 2. Signs and Symptoms.

Diabetes mellitus is an endocrine disorder characterized by insufficient release of insulin from the pancreatic beta cells. The primary causes of are chromosomal defects, obesity, inactivity, hereditary factors, and high glucose consumption. diabetes mellitus. Micro- and large-vascular issues could arise as an unusual consequence of hyperglycemia. diabetic Diabetic neuropathy, nephropathy, and retinopathy are microvascular repercussions. One type of cardiomyopathy is macrovascular issue, which includes congenital cardiac cerebral vascular disease and illness, which result in mental Among the symptoms are infarction, bleeding, and disorientation. One of the main complications of diabetes is hypoglycemia. Diagnosis: Experts from the World Health Organisation and the National Diabetes Data Group have recently amended the criteria for the diagnosis of diabetes mellitus. The new criteria highlight fasting plasma glucose as the most accurate and easy test for detecting diabetes mellitus in asymptomatic individuals. The fasting plasma glucose (FPG) is used to categorise glucose tolerance into three groups. 1. _ FPG < 110 mg/dl is considered as normal 2. _ FPG $\geq$ 110 mg/dl but < 126 mg/dl is defined as IFG (Impaired Fasting Glucose) 3. _ FPG $\geq$ 126 confirm the diagnosis of diabetes mellitus Plasma glucose levels between 140 and 200 mg/dl, measured two hours after an oral glucose load of 75 g, constitute a new diagnostic category known as fasting plasma

glucose, which is similar to IGT. A diagnosis of diabetes mellitus is adequate when there are characteristic symptoms such as increased thirst (polydipsia), increased micturition (polyuria), increased hunger (polyphagia), and weight loss, in addition to a random plasma glucose concentration of 200 or above. Although not advised for regular screening, the two-hour plasma glucose, often known as postprandial, is still a reliable method for detecting diabetes mellitus

● ***Diet and Nutritional Plan***

An individual with diabetes can consume almost anything that the general public consumes, provided that it is balanced and stays within the permitted calorie limits. It is not possible to achieve better glucose management without a carefully planned eating regimen. The probability of complications from diabetes is reduced. Numerous factors, such as the patient's diabetes type, the treatment, and age, degree of physical exercise, and other factors that influence what is permissible for a diabetic to eat. Plans for treatment and Meal timings and quantity quantities will depend on lifestyle choices. These are things that a dietitian and your physician would suggest to you. To return blood glucose levels to normal Maintaining consistency in meal kinds and nutrients is beneficial. information, as well as the daily schedule of consumption



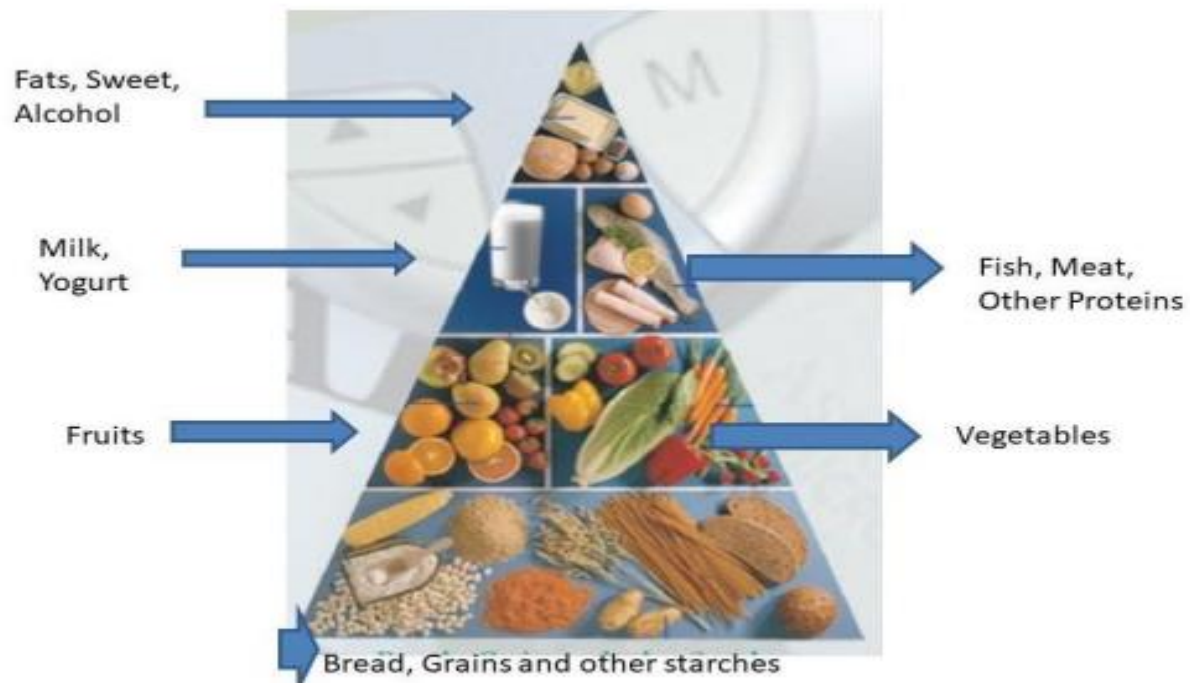


Figure 3. Diet and nutritional plan of DM.

• **Homeopathic Treatment Approaches**

The main focus of homoeopathy is the uniqueness or totality of symptoms. Homoeopathic treatment requires the patient to receive thorough miasmatic and constitutional therapy as soon as possible in order to treat diabetes mellitus. When complications arise in type 2 diabetes mellitus that is advanced, constitutional therapy is less successful than therapeutic therapy.

therapy. It was made up of diabetes mellitus and psoric miasm. Another term for the pseudo-psychic condition is tubercular miasm.

tangle. This miasm blends the symptoms of syphilis with psora. A "problem child" is frequently linked to tubercular miasm. who is characterized as withdrawn, melancholy, and sluggish to comprehend, uninteresting, and incapable of holding a coherent thought. The patient's uncomfortable sweat is subsiding. like that which develops beneath the arms or in the feet, which, if treatment is not received,

Dietary rules: Assuming that you are involving homeopathic medicines for diabetes, stand by somewhere around 30 to an hour prior and in the wake of taking each portion prior to eating anything. Try not to put whatever can cause terrible breath, like mints, food, refreshments, or mouthwash, into your mouth. While you attempt diabetes inversion, you can continue to take your homeopathic prescriptions as endorsed. Certain safety measures, for example, fasting when taking your prescription, are important for your

individualized exercise and nourishment plan Stay away from drugs during the feminine time frame: Period isn't an ideal opportunity to take prescription, particularly homeopathic cures, which could disturb a lady's inner organs. Accordingly, prior to starting any homeopathic treatment for diabetes, it is vital to ask with your primary care physician about the security of the medication while taking it during your period

The many forms of homoeopathic treatment for diabetes that Abroma Augusta offers are as follows:

Abroma Augusta: Among homeopathic diabetic prescriptions, it is by a long shot the most broadly utilized. Specialists recommend the drug Abroma Augusta to diabetic patients who experience extreme shortcoming because of solid decay. Turning around diabetes requires a mix of strolling and exercises that foster muscle. Acquire bulk with the backing of a individual wellness mentor and a nutritionist who can plan a program that meets your requirements and your timetable so you can eat the right food sources and exercise the correct way. Patients whose side effects incorporate inordinate thirst, dry mouth, continuous pee, and an expanded craving. Numerous diabetes patients experience the ill effects of restlessness additionally because of high glucose levels



Figure 4. Abroma Augusta.

Uranium Nitricum: It is an essential homeopathic treatment for diabetes that advances diuresis. Urinary incontinence, enuresis, and urethral consuming brought about by raised glucose levels can be mitigated with its treatment. Conditions including greasy liver, hypertension, and diabetes can be assisted with the homeopathic cure Uranium Nitricum. Adhere to your primary care physician's directions prior to taking uranium nitrate. On the off chance that you're experiencing difficulty controlling your glucose, attempt meaningfully altering the manner in which you eat and rest. Way of life mentors can accelerate the most common way of arriving at your goal assuming that they follow up with you frequently

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Figure 6. Uranium Nitricum.

- **Conium**

Conium can help with numbness in the hands and feet and nerve damage caused by high blood sugar. It also helps with weak muscles in the lower body. The deadly hemlock is an alternative term for conium. An exceedingly dangerous chemical Conium has no effect on the neurological system, but the spinal weakly impacted cord. Because of this, it helps to relieve neuromuscular problems caused by high blood sweets. It helps to reduce neuropathic pain and offers improved slumber



Figure 7. Conium.

- ***Phosphorus***

The drug known as phosphorous is beneficial for those with pancreatic diseases and elevated blood sugar, especially tuberculosis. Individuals who endure suffering suffer from diabetes and exhibit signs like dry mouth restlessness, as well as dry and loose feces, can benefit from similar to what they would get from medications for diabetes

- ***Phosphoric Acid:***

Phosphoric acid is a standout natural homoeopathic remedy for diabetes among many others. It can typically relieve diabetic nerve damage. In diabetic patients experiencing increased urine output, the homoeopathic A doctor could advise taking phosphoric acid. Moreover A high blood sugar level is indicated by milky urine.



Figure 9. Phosphorus.



Figure 8. Phosphoric Acid.

• ***Argentum Metallicum***

Argentum metallicum may be recommended by a doctor to diabetic patients who are urinating excessively and often. Argentum metallicum also relieves unconscious urine passing in those with sugar problems. Every day, thin out five three doses of drops and half a cup of water. The granules can be taken as directed by a physician or three times a day physician, to handle the body



Figure 10. Argentum Metallicum.



Figure 11. Natrum Phos 3x.

• ***Natrum Phos 3x:***

Natrum Phos 3x is another homoeopathic medication that may be beneficial for diabetics. It helps cure gastrointestinal disorders and decreases blood sugar levels. When used either by alone or in combination with other homoeopathic medications, Natrum Phos 3x helps certain with diabetes. There is a biological pill available that contains it Eating wholesome food that is easily accessible in the cooking and following sensible food guidelines could be beneficial conquer stomach problems. A private nutrition coach could be useful help in putting together a menu that

includes meals that are important while additionally offering constant assistance and motivation

- ***Iodium:***

It is appropriate for diabetics who are malnourished, have great thirst, an overwhelming craving, significant weakness, and sweat with minimal effort. It is also appropriate for a diabetic who will rapidly become emaciated and get tuberculosis. The patients are so hungry that, while they wait for their meals, they become anxious.



Figure 19. Iodium.

- ***Conclusion***

The foundation of homoeopathic medicine is the notion of "likes cure likes." The basis for homoeopathic medicine prescriptions is the entire range of symptoms. Money, allergies, and people's peace of mind concerning homoeopathic medicine. It's critical to take homoeopathic prescriptions exactly as directed if you're attempting to manage your diabetes.

Furthermore, living a healthy lifestyle will assist you in achieving even quicker to your goal. Apart from taking their usual diabetic medicine, which some diabetics decide to take homoeopathic medicines. However, it's crucial to talk to your doctor before beginning any new diabetes medication. physician. There are various ways that homoeopathic medicine is applied for diabetes could require. Thus, prior to administering the dosage of therapies, carefully follow the instructions.

● *References*

- [1] Samantha LB, Majumdar SR, Veugelers P, Johnson JA (2006) Increased cancer-related mortality for patients with Type-2 diabetes who use Sulphonylureas or insulin. *Diabetes Care* 29: 254-258.
- [2] Monami M, Lamanna C, Balzi D, Marchionni N, Mannucci E (2009) Sulphonylures and cancer a case-control study. *Acta Diabetol* 46: 279-284.
- [3] CN Juliana Chan, M Vasanti, J Weiping et al. *JAMA* 2009; 301(20): 2129-2140
- [4] Harding, H. P., Novoa, I., Zhang, Y., Zeng, H., Wek, R., Schapira, M., and Ron, D. (2000a). Regulated translation initiation controls stress-induced gene expression in mammalian cells. *Mol. Cell* 6, 1099–1108
- [5] Harding, H. P., Zeng, H., Zhang, Y., Jungries, R., Chung, P., Plesken, H., Sabatini, D. D., and Ron, D. (2001). Diabetes mellitus and exocrine pancreatic dysfunction in *perk2/2* mice reveals a role for
- [6] Widatalla AH, Mahadi SE, Shower MA, et al. Implementation of diabetic foot ulcer classification system for research purposes to predict lower extremity amputation. *Int J Diabetes Dev Ctries* 2009; 29: 1-5.
- [7] Lipsky BA, Polis AB, Lantz KC, et al. The value of a wound score for diabetic foot infections in predicting treatment outcome: a prospective analysis from the SIDESTEP trial. *Wound Repair Regen* 2009; 17: 671-7.

[8] Dubey, A., Tiwari, D., Singh, Y., & Prakash, O. (2021). PankajSingh. Drug repurposing in Oncology: Opportunities and challenges. Int J of Allied Med Sci and Clin Res, 9(1), 68-87

[9] Armstrong DG, Lavery LA, Vela SA, et al. choosing a practical screening instrument to identify patients at risk for diabetic foot ulceration. Arch Intern Med 1998; 158: 289-92.

[10] Yadav, K., Sachan, A., Kumar, S., & Dubey, A. (2022). Techniques For Increasing Solubility: A Review Of Conventional And New Strategies. Asian Journal of Pharmaceutical Research and Development, 10(2), 144-153

[11] Akshay Tiwari, Shalini Singh, Anubhav Dubey and Yatendra Singh. "A preliminary study on anti-hyperlipidemic activity of cinnamon oil in wistar rat", 2021. International Journal of Current Research, 13, (03), 16741-16745

[12] Kumar, N., Dubey, A., Mishra, A., & Tiwari, P. (2020). Ethosomes: A Novel Approach in Transdermal Drug Delivery System. International Journal of Pharmacy & Life Sciences, 11(5)

[13] Dubey A., Kumar R., Kumar S., Kumar N., Mishra A., Singh Y. and Tiwari M. (2020). Review on Vinpocetine, Int. J. of Pharm. & Life Sci., 11(5): 6590-6597.

[14] Srivastava K., Tiwari M., Dubey A. and Dwivedi A. (2020). D-Pinitol - A Natural Phytomolecule and its Pharmacological effect, Int. J. of Pharm. & Life Sci., 11(5): 6609-6623.

[15] Srivastava Kshama, Dubey Anubhav, Tiwari Mamta, Dubey Anurag, To evaluate the synergistic effect of pinitol with glimepride in diabetic wistar rats; 7, (13) 2020, 2058-2062.

