A Stable Herbomineral Ayurvedic Treatment for Nephrolithiasis

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Abstract

The Nephrolithiasis is defined as the calculi which is formed in the kidneys. These calculi may be renal calculi or ureteral calculi. Generally the calculus contains the calcium which formed as a stone in the kidney or in the urinary junction. Due to the formation of calculi the heavy pain will create and the urinary junction will dilate and stretching. Most of the treatment for the urinary calculus will cause side effects and more expensive, the Herbomineral Ayurvedic medicine will provide a better result for the urinary calculus without any side effects. The Ayurvedic formulation of Herbomineral consists of herbal substances to cure the diseases without any side effects.

Keywords— Herbomineral Ayurvedic, ayurveda, formulation, calculi, ethylene glycol, Nephrolithiasis

I. INTRODUCTION

Generally the kidney stone is a calculus which is formed in the kidney or urinary junction. The medical term of kidney stone is Nephrolithiasis. Due to the kidney stone the heavy pain will create to the person who affected by calculus. Generally calculus forms a calcium stone in the kidney or urine junction due to low urine level in the kidney or some other substances which creates the stone. Most of the young people are affected by the calculi. If the stone is formed in any urinary tract is referred as urolithiasis. Mostly the kidney stones are attack the men’s than women’s. If the uric acid level is high in the blood, it will create the urinary calculus. The kidney stone are formed as a calcium stone and some other chemicals such as magnesium, uric acid and ammonium phosphate. The climate conditions of residential area are more important factor to the formation of kidney stone. The rest portion of this paper is discussed about the kidney stone symptoms and treatment, ayurveda, Herbomineral Ayurvedic treatment.

II. CAUSES, SYMPTOMS, PREVENTION AND TREATMENT OF NEPHROLITHIASIS

Nephrolithiasis is the medical term of kidney stone. There are several causes for the formation of the kidney stone. The causes for the creation of kidney stone are low urine content in the kidney; some of the chemical compounds which are higher in the blood such as uric acid, magnesium, calcium etc and due to the climate condition of your residential area will causes your body temperature and also creates the kidney stone.

A. Important causes of Kidney stone

- The higher level of uric acid in the blood content will forms the uric acid stone.
- If the calcium content is more in the urine will forms the calcium stone in the kidney, which is called hypercalciuria.
- Diabetics and higher blood pressure also lead to create the kidney stone
- The people who have inflammatory diseases also lead to affect the kidney to create the stone.
- Some of the medications also will affect the person to form the kidney stone. The tablets which contain the calcium and the medicines used for curing HIV aids also create the kidney stone.
- High intake of salts and animal protein will cause the kidney stone
B. Symptoms of Kidney Stone
Some kidney stone does not create the symptoms; the person gets a sudden pain in his/her low back, side and abdominal area. Kidney stone causes the blood in the urine and creates severe pain. The small sized kidney stones always do not cause pain, if this stone become a larger, the pain must be severe. Other signs of kidney stone are as follows
- The person will experience nausea and vomiting
- The pain in the abdomen become severe you can’t sit
- Blood in your urine
- Having disturbance in urination
- Pain will form during urination

C. Treatment for Nephrolithiasis
The treatment for the kidney stone is depends on the size and type of the stone that is formed in the kidney. If the size of stone is small up to 5.5mm, then it can be dilute by medications. The intake of water must be increased to dilate the stone, if the water intake is increase the level of urine produced also increase and the stone will pass through the urine. Your doctor would prescribe the medicines to prevent the stone formation and to provide a treatment to break the stone. The medicines may contain allopurinol, diuretics, antibiotics, sodium citrate, sodium bicarbonate, phosphate solution and water pills.

If the stone size is too large around 8mm to xcm then the stone would be removed by the following treatments
- Surgery is needed because of the stone is too larger
- Ultra sound shock wave are used to crush the stone
- Lithotripsy is used to remove the inch level stones
- Ureteroscopy may be used for the kidney stone which are in the urinary junction.
- If other methods don’t work the surgical method is used.
- Percutaneous nephrolithotomy

III. AYURVEDIC TREATMENTS
Ayurveda is a Classical treatment methodology, otherwise called as Ayurvedic treatment. It depends on soul, mind and physicals. There is no evidence for the Ayurvedic treatment provides better results to the diseases. But the use of Ayurvedic medicine will be more effective than other medicine because it would not create side effects. There are currently 62 Ayurvedic hospital are available in public system and around 80% of the population in the world are depends on the herbal drugs. The herbal based medicines are more popular around the world because of easy availability and low cost. The herbal medicines are the combination of plant substances with chemical materials. The main objective of this paper is to create the knowledge about the Herbomineral Ayurvedic medicines for kidney stone prevention and treatments.

IV. TREATMENT FOR NEPHROLITHIASIS BASED ON HERBOMINERAL Ayurvedic MEDICINE
Herbomineral medicines are the combination of different drugs which are grinded and make it as a small dosage pills, powders and paste. The Herbomineral medicines are the better option for the kidney stone remedies. Pashanbhedha plants are commonly used to cure the kidney stone, it dissolve the kidney stone gradually. The Pashanbhedha is recommended for the abdominal pain and to break the kidney stone gradually. To experiment this Herbomineral medicine we choose group of animals which are keep in the laboratory environment up to 48 hours before the experiment. Animals are allowed to access the food and water without any constraints throughout the experiment, sex is considered as an important criteria for kidney stone. For the kidney stone
produced animals single dosage of medicine is feed. The body conditions of the all animals are monitored continuously. This monitoring is continued up to 30days to get a result of experiment with each animals. For the experiment the animals are induced to get calculi and furtherly feed a dosage to them to get a response for the Herbomineral medicines. By adding some toxic chemical in to the water induce the kidney stone. The uric acid, high calcium, ethylene glycol are added with the water.

V. CONCLUSION

In this paper the Herbomineral medicines are suggested and experimented to the Nephrolithiasis. Generally the Ayurvedic medicines are effective for more number of diseases. The popularity of the Ayurvedic medicine is based on the easy availability and low cost. The Ayurvedic medicine does not create the side effects. The experimental results of the Herbomineral medicines are better for the Nephrolithiasis affected animals. Till now the Ayurvedic medicines are not famous in some of the countries. But the developing countries are now changing their medication habits to Ayurvedic. Herbomineral medicines are more effective to dilute the kidney stone even it is large size.

REFERENCES