

Renal calculi

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Kidney is a part of internal excretory Organ. Kidney stone or renal calculi associated with abnormal function of kidney and it is the very usual disorder of Urinary system. Kidney also know as renal and stones also know as calculi; kidney stone also known as renal calculi, nephrolithiasis or urolithiasis are strong accumulation made of minerals and salts that form inside your renal system. Recurrence of this renal calculi is to be a very much serious issue in health of human. Regarding prevention of the recurrence stone formation in renal needs well understanding about the renal stone formation. Renal calculi can causes severe chronic renal disorder, final stage of kidney failurity, heart and vascular disorder, dyslipidemia, Hyperglycemia and high blood pressure. Many researchers found and suggested about systemic disease and clarify that the renal calculi might be a systemic disorder related to metabolic syndrome. Nephrolithiasis is responsible for 2 to 3% of final stage of kidney disorder interlinked with nephrocalcinosis (Alelign et al., 2019).

Renal calculi otherwise known as nephrolithiasis, and it has been a worldwide problem. Day by day it's increasing rate puts affect on developed and under developed countries. Life style also can affect and can cause the formation of different types of renal stones. Person at any age can get affected with this serious disorder and it has been reported in age of 21-50 years it might crossed high level in graph of age group. It has been reported that men found more than women also. The exact factors associated with stone formation is still not confirmed yet. (Aggarwal et al., 2017).

History of patient and proper laboratory analysis is required to get confirmation of the renal calculi formation. A renal calculi made up of some accumulation of crystals and acids when they get together after that they form in a hard stone like material. Those are might be different in shape and structure. In some cases calculi pass out through urine from urinary system with the medicine treatment but in some cases patient need to do surgery for removal of calculi. With the