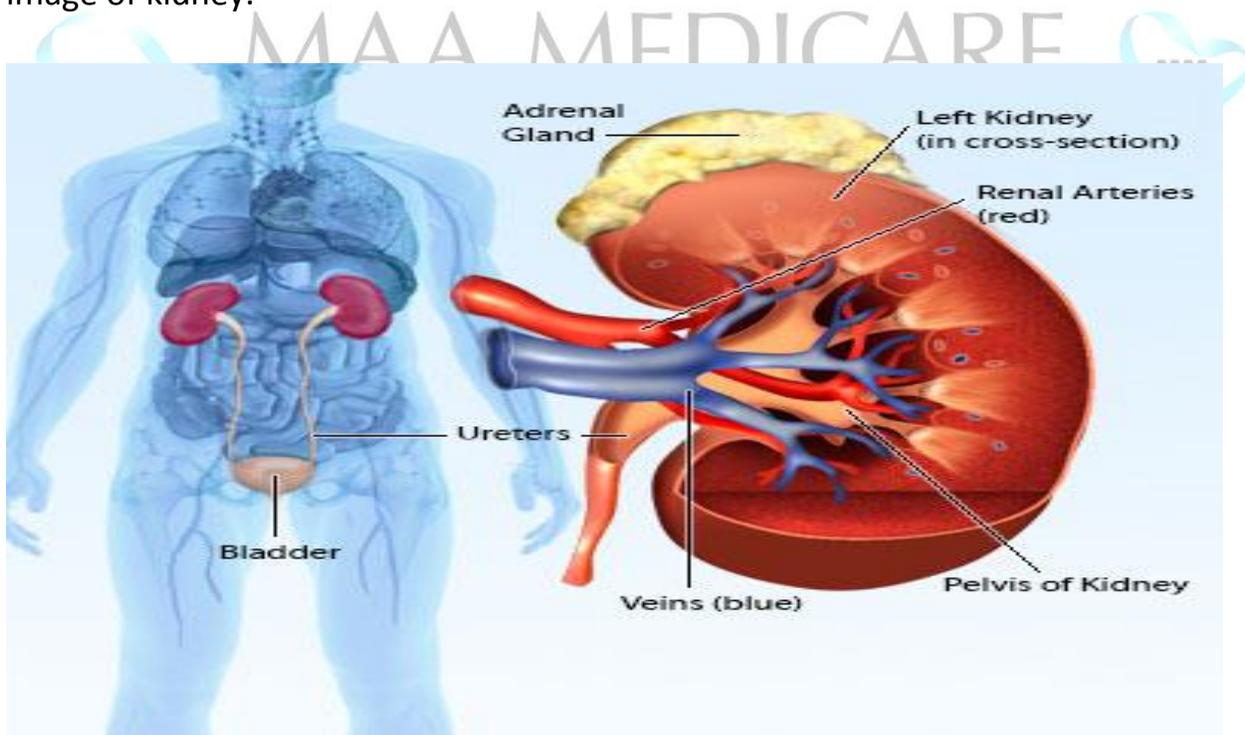


KIDNEYS

Norasimah Razak

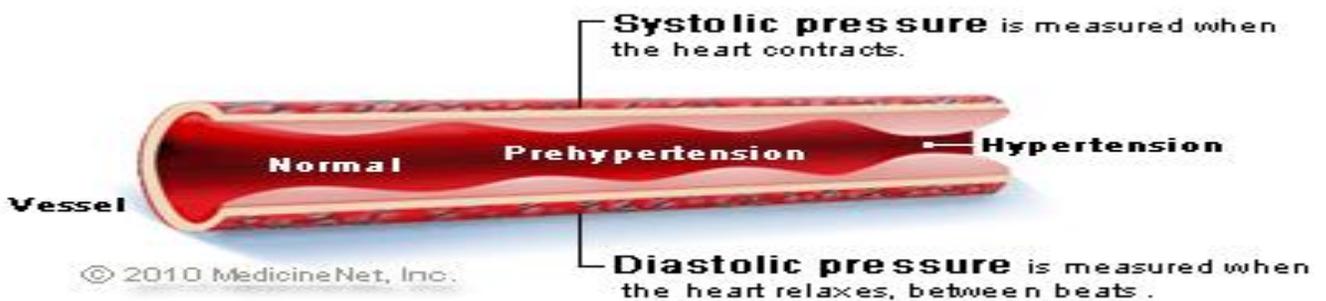
Executive of Medical & Training Department, MAA Medicare Charitable Foundation

The kidneys are also known as renal. Whenever you see or hear your doctor talk about renal, you will know the subject is about kidneys. Kidneys are two bean shaped organs, each about the size of your fist. Inside each kidney contains about a million tiny structures called nephron. The kidneys' function to control the body's fluid regulation, control blood pressure by producing enzyme renin, activate of vitamin D3 to maintain healthy skeletal and production the hormone erythropoietin to help made the red blood cells. The picture below shows the image of kidney.



http://r.search.yahoo.com/_ylt=A2KLdTFqD4dYui8A8TiWGYpQ;_ylu=X3oDMTBtdXBkbHJyBHNIYwNmC1hdHRyaWIEc2xrA3J1cmw-/RV=2/RE=1485275115/RO=11/RU=http%3a%2f%2fwww.medicinenet.com%2fkidney_pain%2farticle.htm/RK=0/RS=_IAzZcomvGikGhYmi_PlgEQeZCS-

You are at greater risk for kidney disease if you have high blood pressure, diabetes or a close family member with kidney disease. A staggering 61% of end stage kidney disease was reported to be caused by diabetes mellitus in 2014 versus 55% in 2005 (Goh B.L., Ong L.M. & Lim Y.N, 2014). Most kidney diseases attack the nephrons and slowly over several years become chronic condition. Other kidney problems include acute kidney injury, kidney cancer, kidney cysts, kidney stones and kidney infections. A kidney problem which is end stage renal disease (ERSD) need for hemodialysis occur in Malaysia since 1966 (Lim Y.N. & Lim T.O., 2003). The picture below shows the blood vessel of hypertension condition.



<http://www.medicinenet.com/script/main/art.asp?articlekey=23356&page=2>

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