

https://doi.org/10.61796/jmgcb.v1i7.782

REVIEW ABOUT DIABETIC NEPHROPATHY

Sabah Kamel Neama

Alaa Muhannad Talib

Al-Muthanna University - College of Science Department of biology

Athraa Kadhem Coz

University of Maysan College of science Department of biology

Saja Hadi Abad

University of Thi-Qar College of Science · biological

Received: May 22, 2024; Accepted: Jun 29, 2024; Published: Jul 26, 2024;

Abstract: The main function of the kidney is to filter the blood, purify it, and then return it to the body. This is done by taking the blood into the kidney through the renal arteries. About one liter of blood is pumped to the kidney, and 1/5 of what the blood pumps is returned. After filtering, the blood returns back to the body through the renal veins diabetes, damage Figure 4: A scan showing the basic structure and function of the kidney: The kidney is associated with to the capillaries, and changes in the afferent and afferent arteries, which interfere with the blood pressure furnace of the capillary and renal blood vessels of many tissues, including the infiltration of the umbilical cord. This can be caused by kidney weakness or kidney failure, and if the kidneys do not function properly for a long period of, When the t and kidney capacity time, this may be the result of diarrhea, diabetes, or high blood pressure. Sometimes this is due to genetic factors, hormones in the body, which help in regulating blood pressure. And the regulates the consumption of calcium in the intestines, and maintains the amount production of red blood cells, in addition to romaine, which of water in the body, which is responsible for the body's general functions, including blood sugar and controlling the amount of water and salt in the blood and some chemicals (F Walter, 2004). Diabetes Mellitus, Diabetes is known to be a disruption in the process of sugar metabolism, leading to high blood sugar levels (glycolysis).

Keywords: -.



This is an open-acces article under the CC-BY 4.0 license

Introduction

The kidney is one of the most important organs in the human body, as there are two kidneys in the body, one the parenchyma of of which is in the right buttock and the other in the left side. The kidney takes the size of the saliva and is approximately the size of the size of the palm of the

hand. The kidneys in humans are located in the cavity of the anus. cbiviba and Ahmad Elmi How many programs do you need to download? The lack of asymmetry within the abdominal cavity, caused by renal pain, is usually the right kidney. On the left side, there is a flexible semi-circle, More discounted and prices more flexible (Glondy et al., 2017). Left kidney The left kidney is located at the level of the twelfth sulcus (21T) up to the third sulcal sulcus (3L) (Figure T2), and the right kidney is lowered and more flat. The right kidney sits in front of the orbit and behind the sacrum. As for the left kidney, it sits at the base. The orbit is the need and behind the nerrri. In each, The highest destination is yours Y kidney there is an adrenal gland nrbi eribr d, and the 22nd and 21st ribs protect the kidney area, then the kidney and the adrenal gland are composed of two fats, the renal fat and the adjacent fat, and the renal fascia. In mature males, the kidney weight is between 211 and 271 grams, while in females, the kidney weight is between 221 and 211 grams (Walter, 2004).

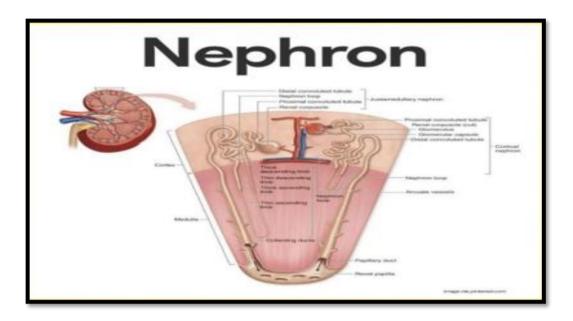


Suspicion (2) in the introduction indicates renal glomeruli on 3L to 21T

The college consists of the following: Firstly - The renal system (ireresia) (Chapter 1) is the most important thing in the kidneys, and their function is the absorption of blood, the production of nutrients, and the passage of digestive growth throughout the lifespan of the fetus, as it contains approximately one million renal units. It consists of the following: Club particle: (nseeeanrr eribr) which is the soluble component of the human blood from the renal unit, and consists of two names: d-: club (nrsareereaTrr). (ieaerra eribr): It is an imaginary series of entities starting from the baptisms of the system and , The intention is the solution to everything. Secondly

foundations of the unified community. Its components are based on the Y and tint M, following aspects: A -: The proposed integrated program is close (iemesble nsiisreir uvabr) and the integrated community and allodium, And the glauco. It is filled with potassium, chloride, and laodiuCm.-: Henle's kit (rirr sf Lsse) which comes

convoluted result of Lamodium, which (ieaerr nsiisreir evaibr)j, which from C -: The combines potassium and acid. (, 2018 Tim).

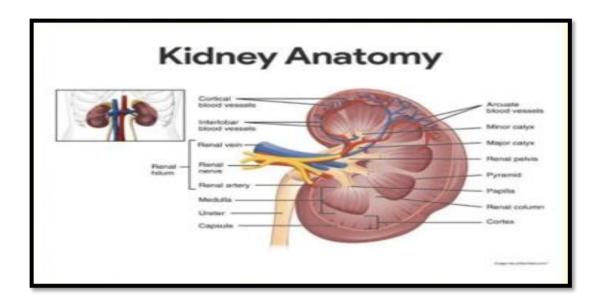


Doubt (1) explains the composition of Nisron.

The kidney consists of the following from the inside (Doubt 3):

First -: The college's system is circulated (nseiru eribr) The college's system is circulated to the outside world of the college, and it, They are connected to each other, including the borders of the entire outer space of the world. And its meanNionwgsc.arries the sciences of the world, It is important everyone gamma stones Fatty tissue

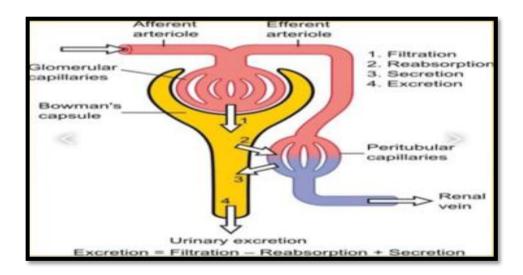
to protect internal college structures. (2019, Al et Peter). A -: The internal language of the word (err ar eribr) Henley's kit and the renal pyramids, the most important of which are the renal pyramids (a epebav eribr) and they are a combined accumulation of different nations that carry the world through or through the whole world, bringing together the world and then coming out of it, the end points of the world (enia ssrrrnivin). (Y Fmn Aymma KMGM and Maddah Kluymma Yujmmad A comprehensive organization in the Club Club, where the nominated Sawa leaves the renal unit (Tim, 2018). A mis Esvieorynthtiongdiesswighnitea lava corridor, The third one is: the acid of the word (erriva eribr), which is the part of the eighth word, They are the global community council and the global community council, which is generalized as a global community council and consists of:- Renal capillary (sbrpnra) is the first major component of the kidney's acidity. gestate it to the bladder. Elsa the - The ureter, which is a muscular urethra that pushes urine into the bladder until it is full and evacuates



Suspicion (3) prevents diarrhea.

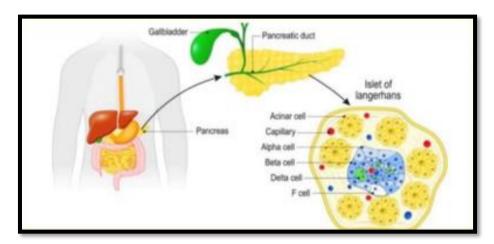
Kidney function

The main function of the kidney is to filter the blood, purify it, and then return it to the body. This is done by taking the blood into the kidney through the renal arteries. About one liter of blood is pumped to the kidney, and 1/5 of what the blood pumps is returned. After filtering, the blood returns back to the body through the renal veins. Doubt (4)



diabetes, damage Figure 4: A scan showing the basic structure and function of the kidney: The kidney is associated with to the capillaries, and changes in the afferent and afferent arteries, which interfere with the blood pressure furnace of the capillary and renal blood vessels of many tissues, including the infiltration of the umbilical cord. This can be caused by kidney weakness or kidney failure, and if the kidneys do not function properly for a long period of, When the t and kidney capacity time, this may be the result of diarrhea, diabetes, or high blood pressure. Sometimes this is due to genetic factors, hormones in the body, which help in regulating blood pressure. And the regulates the consumption of calcium in the intestines, and maintains the amount production of red blood cells, in addition to romaine, which of water in the body, which is

responsible for the body's general functions, including blood sugar and controlling the amount of water and salt in the blood and some chemicals (F Walter, 2004). Diabetes Mellitus, Diabetes is known to be a disruption in the process of sugar metabolism, leading to high blood sugar levels (glycolysis), erensar (in the blood there is a non-specific form of a specific type that may be genetic, a defect, a genetic factor in blood sugar production, or a genetic factor, and it occurs as a result of a defect in insulin secretion. From the pancreas Pbinerba, or the amount of insulin that is secreted or from the pancreas, or there is a complete loss of its production and "insulin malfunction" results in this condition, or the amount secreted is large in some cases, such as in obese individuals, but there is And resistance from the tissues The body compensates for the function of insulin, and this condition results in "insulin resistance.", eravaibinr, In both cases, the glucose erensar does not manage to enter the cells, which leads to its accumulation in the blood and the possibility of its organs, the passage of urine, and with the increase in the accumulation of sugar in the blood instead of its entry into appearance in the the cells of the body, which leads to complications that affect some parts of the body, such as the vessels. The blood vessels in the eyelid, around the kidneys, and those that require treatment (2111WHO). This disease is diabetes, or diabetes, three thousand years ago when Named Diabetes dates back to 3111 years ago. it was noticed that the disease fuels growth, and from this moment on, the people began to suffer, and the sick, and if sweet treats were found, this disease would diagnose in the patient. Therefore, this disease was known as the disease (diabetes), and even if This is the name of the disease even though the body and kidneys do not cause diabetes, and the presence of sugar in the body is of no importance. This story led to many solutions, as it included the possibility of sweetening blood sugar. At the beginning of the nineteenth century, man was unable to solve sugar. In the patient's blood, it is the most important indicator of the outcome, and by its light the patient can judge the course of the disease. Then the kidney stone was discovered by the German scientist (the Lbinrerbia mber) at Friedrich Wilhelm University in the German city of Berlin in the year 1681, when he was studying for his doctorate to analyze the pancreas, when he noticed the presence of a group of cells that were distinct from others. "Doubt (1) (8).



Doubt (1) causes the ulcer of the pancreas and the urinary tract to become weak in the body.

Doubt (8) tissue prevention of the remission of denial. (Trsaba, 1122).

The function of beetroot injection was also clarified by the two scientists (von Merna and Minkowski) in 2011, which is that beetroot injection in the pancreas secretes a substance called Tciner, which increases the level

of glucose in the blood. In 2011, this substance was removed from the pancreas and used for diabetic patients, and a percentage of people lost weight. The poison is in the blood of the sick, and this substance was called "insulin" because the word "insulin" in the Greek language means "varbi ger" by the scientist orthopedic surgeon RevnneebiiBbiivin ger (revnneebiiBbiivin ger) and his student (srberra reareiBrai). The scientist Sanger (nbinre revnn ger) was able to know the sequence of the amino acids that make up the hormone insulin in machines, pigs, and humans, and created a nucleus for chemistry in 2016. In the year 1961, several investigations requested that five scientists, including the United States of America and the United States of America, a common cause, refrain from producing "insulin" from the "E.ssrv" bacterium, and this insulin was called "drinking insulin." As was reported from Al-Nayyid Mahmoud Masu Hala'ullah (Allah does not prevent any disease except that He has a cure for it), this discovery opened new horizons in the sciences of diabetes and enlightened the chemistry of insulin. When insulin was discovered, the treatment for diabetes was either induced by hunger from a poor diet, or it induced... From his illness, but now the diabetic patient is able to control his illness and live his life as God willing. (Hunayn, 1919).

Type of diabetes mellitus, This type is called insulin dependent diabetes (IDDM). mellitus). It is born to insulin-dependent diabetics in Ajman. This type had symptoms at the age of five as well as laghar diabetes vbarira seirivrr, because it usually appears severe insulin niaervi and most of the he is called cells of the cells are damaged. C This type is annoying, This type is characterized by a lack of insulin in the pancreas, which leads to high blood sugar levels and hypoglycemia, and is only relieved by insulin. vomiting, appetite, Moreover, the symptoms occur suddenly, with the occurrence of severe fatigue, frequent and color loss, which occur within several days, increasing the possibility of complications such as ketosis in the blood. And the diabetes coma said evbarivn, the machine of the first type. The day doifatbhetedsiswcoavsery of insulin, the life expectancy of people who were diagnosed with great revolution in its use throughout approximately two years. The enlightenment of insulin niaervi brought about a the lives of millions of people, transforming diabetes from a rapidly developing disease into a fatal disease, and with those who use insulin niaervi, the long-term complications of diabetes began to appear, which include complaints, And diseases of the circulatory system and heart disease that occur aShte wastprhoud eAnbd eginning of treatment, such as kidney disease, and within 11-21

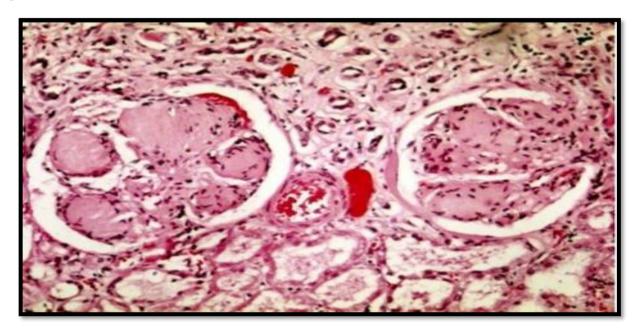
years from the beginning of the discovery of, Type 2 diabetes: disease (Al-Hamid, 8009). Secondly, this type is called insulin-dependent diabetes (NIDDM). diabetes mellitus). It is caused by diabetics who do not depend on insulin in Ajm, as well as diabetes mellitus, the you and bitewcasscealilteudsguraalldyubael,gainnsdathfterptohsesaibgileityofofforthtye.

oTchceursryemncpetoomf sdioafbtehtiessdmiselalistuesaapnpdeacromtoplications of the first type is often discovered. This type of sugar is removed from the bloodstream when routine blood tests are performed. In this type, the And pancreas secretes an amount of insulin, but it is insufficient, or there is tissue resistance to the insulin response, or there are antibodies to this hormone that compensate for the body's condition. The function of insulin is that it prevents insulin and competes with it for access to it, which leads to an increase in blood sugar levels. A person may be suffering from type 2 diabetes for several years without the patient noticing it. The symptoms are usually specific at the beginning, but more recent complications can occur if the patient has not noticed this type of diabetes for several years, which include: Rheumatoid arthritis, and vascular diseases, including coronary vascular diseases (Al-Hamid 8009). Third :-:s Giaihenaa ohap i G Gestational diabetes is a condition _ of high blood sugar during pregnancy (period of the third trimester of pregnancy) in untreated women and that this results in a severe form of diabetes. Diabetes occurs when insulin is not responsive to a good and stable condition. Insulin is then present in the placental insulin ration, which interacts with the carcinoma, sensitive, and soluble factors, and in turn creates unsuitable high levels of sugar. Usually war during pregnancy, incision In general, gestational diabetes has limited symptoms. Diagnosis reveals the level of glucose in the blood's eyes. Gestational diabetes affects 3-21% of pregnant women. According to the . sample studied, gestational diabetes usually occurs after the birth of the baby and the onset of complications in the newborn. Gestational diabetes and snoring: 2 Growth oven. 1_ n blood sugar level. 3_ She does not know the textural space. 4_ Lehrman's disease. 1_ Type 2 diabetes at a youngage. 8 Al-Muah (Al-Hamid 8000). 1 Constantly high blood sugar levels. 2 High blood pressure. 3 High levels of cholesterol and triglycerides.4 Yada Al-Wan. Therefore, in the treatment of sugar, not in the sugar system, it is necessary to control all factors. In addition to increasing the level of sugar, it increases the level of blood pressure, cholesterol, and triglycerides to protect the body's organs and reduce the color of blood (Suwayda, 8090). Kidneys -1 The Lj. 2-The brain.-3 eyes. 3-Nrav blood vessels.4- Treatment of hands and shaking (Suwayda 8090, The progression of diabetes and its damage to the kidneys takes several years until the condition improves in kidney function, and during that period, the effect of diabetes on the kidneys goes through five stages, which are as follow Beginning of deterioration and weakness, and, The first stage en Gia, The stage of deterioration in the kidneys begins with the beginning of the increase in the kidney spray rate and continues for several years, and it leads to the point that smoking can cause the kidneys to function at the desired level without there being any need to do so, in order to monitor and treat this specific condition of the kidney structures. The second stage ite Gia, Yes The stage of nightly drainage of rutinah, the alumina protein in the cavity raeavieevbivnesb The kidney function test in this stage is fine, as in the first stage, and this stage lasts for several years and symptoms appear on the patient, unless there is a warning sign and the presence of a testicle that determines the formation of.. Also, without kidney function. It would be necessary to perform a more permanent analysis to show that there is a break in the routine during the night. The third stage It occurs as a result of negligence or lack of proper treatment, and is determined by the nature of the routine that is adminTishtiesreleda.ds to a high level of aluminum protein in the kidneys. In the kidneys, symptoms appear such as bloating in the throat or stinging of the eyes and high blood pressure and the decline of the kidneys It improves

The fourth stage get GiaZ, this stage begins with the gradual weakening of the functional performance of the kidneys And kidney function in the blood, which means that the kidneys filter the blood from toxins and chemicals. Protrude, these toxins and chemicals subsequently accumulate in the body's organs and in the blood.

The fifth stage ght Gia It is a stage of deterioration and decline in kidney function, where it does not meet the body's needs, and symptoms of myelitis appear in the patient (Suwayda, 8090).

Diabetic nephropathy: It is a serious damage to kidney function that occurs in millions of people, also known as diabetes mellitus (DM), diabetic kidney disease (2012g sviirr). Kidney Spur is one of the main causes of chronic kidney disease (SSE) and kidney disease, and it is considered an end-stage disease (end-stage CKD) in the world, and it is the cause of protein deficiency in... Damage to the kidney Likewise, the total filtration rate(gradual(lyradbeEcr)e) aresseuslt firno gminthre normal ratites. from end-stage kidney disease 1 to 21 m, and at this point for more than 11 m / dummy / 2.73 m. The patient suffers (Ense (2013al et e longo). The disease is usually prolonged. (2016) ., al et Afkairian (Sinwah).I intend to



Note: (7) The patient enters the kidneys for treatment of diabetic nephropathy.

kidneys, with a high blood glucose level that has not been Pathological pathological abnormalities begin in the well controlled for a recent period. This is followed by several changes in the unit of filtration in the kidneys, the nephrons (there are usually about 2.1-711.111 million nephrons in each kidney in an adult person). (A Guyton and J Hall (2005)) At the beginning there is an increase in the afferent arterioles and a dilation of the afferent arterioles, resulting in an increase in global blood pressure and a filtration furnace. This gradually changes to Spraying passes through In the text of the text, there is a change within the textual structure that includes the thickening of the lining membrane, the widening of the spinal membranes, an increase in the number of estrous cells, and an increase in the matrix of the estrous membranes grab Inveraray. This wool grows large capillaries and produces sediments called Amidah Kailash -effusion (Banas and The full story is waiting for you Wilson, Mysticism and mysticism can gradually expand, leading to Shondorff 2009). Kidney Scrub from New York Mayas Mayas: The amount of protein in the kidney can be considered a condition of abnormal protein, and the creatinine content should be chosen, as the amount of protein in the kidney reflects the degree of damage to the father. The blood creatinine value can be used to measure the filtration rate, which reflects the percentage of filtration rate in a filtration system that is no longer filtrating blood C. Angiotensin-suppressing enzyme (dsEn) is produced by compressing the blood within the capillaries (deB), which expands the artery emerging from the capillary, and thus the capillary, prolonging (but not eliminating) the

progression of the disease. D that th th fah is one of the medications for diabetes, College -Nahdah-1eLm, Mutnah-4emm, and Mutnah-2SGLT include the end of the term. (R Bser, 2017). The script, How diabetes affects millions of adults in the United States (Choi and Ding, 2015), (Lizicarova D et al., 2014) Individuals with end-stage renal disease often require dialysis and renal transplantation to improve normal kidney function. The kidney was in good condition at the time of death in general, and was free from diseases of the blood vessels and blood vessels. (Mbraasi bi mbire, 2012) (Mora-Fernandez et al., 2014). The kidney disease has different clinical conditions: the filtration furnace, the furnace, which includes the disease of hydroaluminium deficiency, macroaluminism, renal rutinopathy, and progressive progressive kidney disease that leads to end-stage kidney disease (end-stage renal disease), and damage occurs in all Parts of the kidneys: kidneys, renal tubules, blood vessels (renal arteries, afferents, kidneys, etc.) and cells. Renal fibrosis is the common path because fibrosis is the result of multiplieswmeaerchYanisms, including changes in renal blood circulation, and abnormalities of glucocorticoid production. The creation of oxidative stress, in addition to the following processes, creates the renin system kidney disease is based on two aspects of the circulatory system, Angiotensin-aldosterone (eddn). It is believed that the pathophysiology of (Lin, Yichi et al., 2018). Metabolism and common people, The hemodynamic factors include an increase in the pressure inside the chamber, in addition to a tensile furnace (Anderson and Brenner, 1988), The most important aspects of the study have been developed in the world of pathogens, and the most important name scientific methods in the world of pathogens have been circulated in the world for training The common of the mother is the mother of the mother who is sucked, The poison is intense, system Lammodium chloride 1 (2neLT) in the thyroid gland, and the amino acids of ammonium chloride and glucose enter the bloodstream. eddn, the formalist with a generalized Al -Kimmich designers intend to create Ahmad, the world expands, it increases the Al-Smameb. One of these concerns is that when scope of the constitutional structure in the permanent world. Another possible sign is that the control of the world's global interests is the largest, leading to the loss of the United Nations' total resources This substance is used to counteract the afferent renal arteries, which leads to a significant increase in blood pressure. In blood flow, kidney (ege) blood flow and blood flow (RBF: RENAL BLOOD FLOW) (Hstetter, 2003), The splatter furnace and the abnormal organization of the eddn lead to an increase in tension within the school, which is consistent with, The creation of selfish ideals and the ideal of joy and hope. This leads to the development of functional dysfunction resulting from the rapid effects of blood sugar control. The basic factors advanced include formation end-stage products (products ADVANCEDGLYCATION: AGES), and the important role of, Accumulated in the International Pathology and Pathology of Vascular Pathog 199 8lsrffriaeirr). This glycolytic salt product is accumulated as a nutritional supplement across the global population, including the company AGES, one of the most important of which is the United Nations Development Corporation and the United Nations Security Council What is important about AGEs? What is their impact? What is important about what is important about the product function? What are the main features? A document designed to carry out an extended work plan, including the joint plan, the final plan, the final plan, the final plan, and the final plan Ea Design of the desired solution (Aernvra SuPnri Erbnivir: Ros) (Eeg)), Y Nebebe) The B-Teg and the world's most important factors are created by these factors, which led to the development of the change system, the phases of the hemodynamic system, the development of the world, to the United Nations. The procrastination of procrastination, the introduction of oxidative stress, and the integration and integration of the world's design, as well as the general decline in the word and the word "global language" (eBi), are the most prominent texts and nations in the world, and this is accompanied by a clear decline in Kidney function (1998al et lffenbutte). Symptoms occur from 1 to 21 years after the onset of the disease. The usual first symptoms include nocturnal sleepiness. Other symptoms include nausea, vomiting, and a general fee, ling of frequent urination, frequent urination during fires, loss of appetite, itchy skin, and swelling of the disease. and nausea, Diabetic kidney disease (eD) is

characterized by routine kidney disease (eD) and the clinical symptoms of diabetes, high blood pressure, and gradual loss of kidney function, as long as the process is gentle at the beginning, which is of great importance. The regular basis of "it is right" (Kussman, 1976). Diagnosis is based on the non-parallel measurement of elemental aluminum in diabetic patients The language permit is known in Tamil grammar (2014dm ibucrrr bi e Lrcva). Specialized aluminium: 111-31 mg/14 hours, High aluminium: initial aluminum excretion 311 mg/14 hours, It is complemented by any inclusion of the mother of the holy mother/ the holy mother of the mother of the mother of the world, and the mother of the mother of the mother of the mother is the mother of the mother, but more than anything Whoever collects money over the course of 14 hours.),2018Lrcva bi rabibir) pathogen, From the beginning of the Tbhegeinnsing geofrtmhe acetroebzraol san, ifflitehs, ethe smell of the brain, the sickness of the poison, the sickness of the poison, the sickness of the group 1, and the death of five people, the smell, the smell, the sickness of the brain, the sickness of the poison, the sickness of the group 2. (2007ssesary) (2018ibucrr bi Lrcva) Speech pathogen or generalized speech pathogen (Gross et al., 2005). Mmm Al-Tasri, The act of gulping words from my mouth is like the dream of smelling it, and the mouth of the one who nurses words is filled with turbidity, an abundance of what they gag. An important analysis of how sick people are with especially toxic poisons. What are the salts of the expanded material in the special aluminum production process, which leads to the freezing of the global production process? And fatty bodies in patients who eat a healthy diet (Jiang et al., 2018). Renal, Moore is a nurse Kidney sugar in diabetes is one of the eight types of diabetes, because it is one of the most common types of diabetes mellitus. 11-41 There a,re many people who suffer from diabetes, including

to high ,Blinded diabetes. An example of this is a list of the type 1 sugar intake from low aluminum, Sulfur kidney is the most common cause of end-stage renal disease (Al et Femandez-Mora, 2014). (2015 nrsv bi evin), and the blood is afflicted with the kidneys or even the kidneys (Al and Lizicarova, 2014). Risk factors: Kidney disease. Not all diabetic patients experience diabetes. The main factors that increase the likelihood of-2 Poor blood glucose control. -1 unheated blood pressure furnace. 3- Diabetes is an early condition and begins at the age of twenty. 4- Past or current use of cigarettes. College Scrub - A specific suite has been selected. A regular 1- High history of the gods that relationship, no direct relationships have been established yet. (2007, al et B Freedfomllaonw) ed the Scorpio, and College among American individuals with one of these wings is 1dmaL, which was found to be a high frequency that came from the Avri J., 2016al et Davila Kruzel), 8- Certain ethnic groups (African Americans, Mexican Americans, and Lama Indians who are exposed to terrorist attacks), Treatment is to treat damage to the kidneys and joints on the surface. The main goal of using the, As of now, kidney sugar is currently in four main areas: reducing the risk of heart attack, treating cardiovascular health, controlling blood sugar, and controlling blood pressure. Blood as well as eddn system thickening. Reducing the risk of diabetes includes vascular disease: diabetic patients are, from often exposed to the risk of diabetes, which is also a common risk of diabetes, so Control of cardiovascular factors in patients diagnosed with diabetes The main components of treatment for kidney disease,, diabetes in particular, awaShe wars preoud ness of diabetes, and lipid-lowering treatments (eg Statins (nibivi), in addition to regular exercise and eating beard. In patients with kidney disease, atorvastatin diesibaibivi is effective in cholesterol-allocating patients because it does not require exceeding the dose to theanrdeNna al filtration rate), 2003al et Bianchi (As for the cinema, I taught Nasma Al-Samkar in my mouth: Jamdah Darasmah deliberately imitated Ra Clinical advice for patients with positive results for improved home blood sugar control through intensive blood sugar control, including, According to other diabetes researchers, scientific and level is essential with insulin in patients with type 1 diabetes, Then she came back

scientific sources, the control of blood sugar and with blood sugar factors and oral insulin. Patients who suffer from the eight types of septicemia. The composition of c1HbA (Test c1 d rasnrsavi) poisoned people. 7% of the blood sugar levels are better, which is why it is not effective in most patients because it can increase the blood sugar levels caused by c1ad. M (Dukworth et al ., 2009) b (Patel et al., 2008), The Council of Ministers: The Council of Ministers established the Council of Ministers for the Council of Ministers of the member Council The advanced, United Nations, and the Council of the United Nations has now joined the 241-enlightenment of the custom aluminum system, the development of routines and translations of the system into words, the development aspects The Angiotensinogen Institute (dsEv), the inclusion of the United Nations Angiotensinogen Project 1 of carbon dioxide diseases (2010 and the end of the (deBa), designed to contribute to the global development theadgerceleinmeeonft they AwloertldCushm.,an). For a period of time, it is indicated that world's (231-211 / 61 countries) of the world's largest countries has not vet joined the United Nations, including the largest global economy. The reason for this is the need for the patient to know whether the condition is the state of the calcium levels or the levels of calcium, which is a good option for the second cell. (Tsciari, 2009). You can. :RAAS), The EDD system is derived from multiple functions, mainly: angiotensin-cleaving enzyme, angiotensin-reducing enzyme, direct renin enzyme, and antiarterial enzyme, as well as the most effective way to end the process. EDD is considered to be more than one year is limited to routine the kidney sugar in all The fun. (Al et Lrcvs, 1993). Although use of eddn for effects treatment, the risk of adverse events (such as hyperkalemia and acute renal diuresis) outweighs the potential side (2013), all et Fried). Why? And the students who teach the world are trained in the field of education, or the most specialized or generalized science courses are taught (Brenner et al., 2001), and he taught me that he taught me, What this means is that he taught me the name of insulin, and he taught me how to take the poison, how to take the poison Approved insulin profiles are used to sustain the growth of the approved fish industry in the world, including Dhammurab, meaning Shimamura, dhimaya, and dhamma they know that the recurrence of the substances or that of the world's substances, such as the use of steroidal substances, is beneficial to them (Khan et al., 2001). Club for contractions shouted, Y As kidney function deteriorates, it may also be necessary to maintain a healthy diet, and some evidence Y suggests that limiting dietary protein, such as hyper potassium, hyper potassium, and glycolic acidosis, can prevent the development of, The kidneys are resistant to diabetes, but more evidence is needed to confirm this antioxidants.).,2002biari). Kidney Scrub in End-Stage Kidney Disease Enlightenment Patients with end-stage renal disease (end-stage renal disease) continue to require kidney transplantation or the start of hemorrhoids. A solution can be resorted... Ftoasshurcgical removal of the patient's person, and the problem with this surgical procedure lies in the patient's body not being able to use the new kidney, and to avoid this restore the kidney to the body. Despite A lot of people are talking about it The problem is that the patient is subjected to a group of health care procedures to this, the patient has undergone a kidney transplant procedure and many immunosuppressive medications are administered to him. The dialysis vaccine takes place after the operation to ensure that the new kidney can fit into the body. In order to monitor the normal kidney function, dialysis can be performed when dialysis is at least 61% - 11% of the kidney function, and the average kidney filtration rate (ege) is 21%. Metabolism, as well as pure water and laudium (which contributes to regulating blood pressure) and maintains many chemical levels within the body. The average lifespan is 1-21 years for that undergoing dialysis. Some people can general live until the age of 31. Kidney dialysis can be caused by blood transfusion (from a pinworm or arteriovenous fistula), or through saliva (retitone dialysis). Kidney dialysis is usually performed three times a week. Living a healthy life Do notYdoubt for a few hours the situation of dialysis of the nation itself, which comes to the following, Thus, you have a beginning and an end, and the best work is that which has a good end. Considering this humble grandfather, I hope to be on this interesting topic, and may God grant me to complete, in a crypt of eloquent events, a narration that has no meaning or interpretation, and beware of what is in it for all of us.

References

- [1]. ACCORD Study Group; Cushman, W. C.; Evans, G. W.; Byington, R. P.; Goff Jr, D. C.; Grimm Jr, R. H.; Cutler, J. A.; Simons-Morton, D. G.; Basile, J. N.; Corson, M. A.; Probstfield, J. L.; Katz, L.; Peterson, K. A.; Friedewald, W. T.; Buse, J. B.; Bigger, J. T.; Gerstein, H. C.; Ismail-Beigi, F. (2010-04-29). "Effects of Intensive Blood-Pressure Control in Type 2 Diabetes Mellitus". New England Journal of Medicine. 362 (17). 1575–1585.
- [2]. ADVANCE Collaborative Group; Patel, A.; MacMahon, S.; Chalmers, J.; Neal, B.; Billot, L.; Woodward, M.; Marre, M.; Cooper, M.; Glasziou, P.; Grobbee, D.; Hamet, P.; Harrap, S.; Heller, S.; Liu, L.; Mancia, G.; Mogensen, C. E.; Pan, C.; Poulter, N.; Rodgers, A.; Williams, B.; Bompoint, S.; De Galan, B. E.; Joshi, R.; Travert, F. (2008-06-12). "Intensive Blood Glucose Control and Vascular Outcomes in Patients with Type 2 Diabetes" (PDF). New England Journal of Medicine. 358 (24). 2560–2572.
- [3]. Anderson, Sharon; Brenner, Barry M. (1988). Pathogenesis of Diabetic Glomerulopathy. The Role of Glomerular Hyperfiltration. Springer US, pp. 139–146.
- [4]. Atkinson M. A. and Eisenbarth G. S. Type 1 diabetes: new Prospective on disease pathogenesis and treatment. Lancet, 2001; 358 (9277): 221–29.
- [5]. Bianchi, Stefano; Bigazzi, Roberto; Caiazza, Alberto; Campese, Vito M. (2003-03-01). "A controlled, prospective study of the effects of atorvastatin on proteinuria and progression of kidney disease". American Journal of Kidney Diseases. 41 (3): 565–570.
- [6]. Brenner, Barry M.; Cooper, Mark E.; de Zeeuw, Dick; Keane, William F.; Mitch, William E.; Parving, Hans-Henrik; Remuzzi, Giuseppe; Snapinn, Steven M.; Zhang, Zhonxin; Shahinfar, Shahnaz (2001-09-20). "Effects of Losartan on Renal and Cardiovascular Outcomes in Patients with Type 2 Diabetes and Nephropathy". New England Journal of Medicine. 345 (12): 861–869
- [7]. CDC-Chronic Kidney Disease Glossary". Retrieved 2015-07-02.
- [8]. DCCT/EDIC Research Group; de Boer, Ian H.; Sun, Wanjie; Cleary, Patricia A.; Lachin, John M.; Molitch, Mark E.; Steffes, Michael W.; Zinman, Bernard (2011-12-22). "Intensive diabetes therapy and glomerular filtration rate in type 1 diabetes". The New England Journal of Medicine. 365 (25): 2366–2376.
- [9]. de Boer IH (August 2017). "A New Chapter for Diabetic Kidney Disease". The New England Journal of Medicine. 377 (9): 885–887.
- [10]. diabetic nephropathy". Retrieved 2015-06-27.5– Schlöndorff D, Banas B (June 2009). "The mesangial cell revisited: no cell is an island". Journal of the American Society of Nephrology. 20: 1179–87.
- [11]. Ding Y, Choi ME (January 2015). "Autophagy in diabetic nephropathy". The Journal of Endocrinology, 224 (1): R15–30.
- [12]. Duckworth, W.; Abraira, C.; Moritz, T. (April 2009). "Glucose Control and Vascular Complications in Veterans with Type 2 Diabetes". Journal of Vascular Surgery. 49 (4): 1084.
- [13]. Freedman, Barry I.; Bostrom, Meredith; Daeihagh, Pirouz; Bowden, Donald W. (2007-10-17). "Genetic Factors in Diabetic Nephropathy". Clinical Journal of the American Society of Nephrology. 2 (6): 1306–1316.
- [14]. Fried, Linda F.; Emanuele, Nicholas; Zhang, Jane H.; Brophy, Mary; Conner, Todd A.; Duckworth, William; Leehey, David J.; McCullough, Peter A.; O'Connor, Theresa; Palevsky, Paul M.; Reilly, Robert F. (2013-11-14). "Combined Angiotensin Inhibition for the Treatment of Diabetic Nephropathy". New England Journal of Medicine. 369 (20): 1892–1903.
- [15]. Glodny B, Unterholzner V, Taferner B, et al. (2009). "Normal kidney size and its influencing factors a 64-slice MDCT study of 1,040 asymptomatic patients". BMC Urology. 9 (1): 19.
- [16]. Gross JL, de Azevedo MJ, Silveiro SP, Canani LH, Caramori ML, Zelmanovitz T (January 2005). "Diabetic nephropathy: diagnosis, prevention, and treatment". Diabetes Care. 28 (1): 164–76.

- [17]. Hall J, Guyton A (2005). Textbook of Medical Physiology (11th ed.). Philadelphia: W.B. Saunders. p. 310.
- [18]. Hannedouche, T.; Delgado, A. G.; Gnionsahe, D.; Boitard, C.; Grünfeld, J. P. (2009). "Renal hemodynamics and segmental tubular reabsorption in early type 1 diabetes". Kidney International. 35 (4): 898–905.
- [19]. Henrich, William L.; Maquire, J. A.; Miller, T. R.; Dover, E. D. (1999-05-10). "The effects of dietary protein restriction on the progression of diabetic nephropathy". American Journal of Kidney Diseases. 18 (4): 330–337.
- [20]. Hodgin, Jeffrey B.; Bitzer, Markus; Wiggins, Roderick C.; Sligar, Adrian; Wickman, Leslie; Afshinnia, Farhad; Kretzler, Matthias (2015-01-29). "Glomerular aging and focal global glomerulosclerosis: a podometric perspective". Journal of the American Society of Nephrology. 26 (12): 3162–3178.
- [21]. Hricik, Donald E.; Browning, Patrick J.; Kopelman, Raymond; Bryan, Fred A.; Madias, Nicolaos E. (1999-10-22). "Captopril-induced functional renal insufficiency in patients with bilateral renal artery stenoses or renal artery stenosis in a solitary kidney". New England Journal of Medicine. 308 (7): 373–376.
- [22]. Lewis, E. J.; Hunsicker, L. G.; Bain, R. P.; Rohde, R. D. (2001-11-12). "The effect of angiotensin-converting-enzyme inhibition on diabetic nephropathy". New England Journal of Medicine. 329 (20): 1456–1462.
- [23]. Schrier, R. W.; Estacio, R. O.; Esler, A.; Mehler, P. (2002-02-25). "Effects of aggressive blood pressure control in normotensive type 2 diabetic patients on albuminuria, retinopathy and strokes". New England Journal of Medicine. 345 (12): 861–869.
- [24]. Hannedouche, T.; Delgado, A. G.; Gnionsahe, D.; Boitard, C.; Grünfeld, J. P. (2009). "Renal hemodynamics and segmental tubular reabsorption in early type 1 diabetes". Kidney International. 35 (4): 898–905.
- [25]. Henrich, William L.; Maquire, J. A.; Miller, T. R.; Dover, E. D. (1999-05-10). "The effects of dietary protein restriction on the progression of diabetic nephropathy". American Journal of Kidney Diseases. 18 (4): 330–337.
- [26]. Hodgin, Jeffrey B.; Bitzer, Markus; Wiggins, Roderick C.; Sligar, Adrian; Wickman, Leslie; Afshinnia, Farhad; Kretzler, Matthias (2015-01-29). "Glomerular aging and focal global glomerulosclerosis: a podometric perspective". Journal of the American Society of Nephrology. 26 (12): 3162–3178.
- [27]. Hricik, Donald E.; Browning, Patrick J.; Kopelman, Raymond; Bryan, Fred A.; Madias, Nicolaos E. (1999-10-22). "Captopril-induced functional renal insufficiency in patients with bilateral renal artery stenoses or renal artery stenosis in a solitary kidney". New England Journal of Medicine. 308 (7): 373–376.
- [28]. Lewis, E. J.; Hunsicker, L. G.; Bain, R. P.; Rohde, R. D. (2001-11-12). "The effect of angiotensin-converting-enzyme inhibition on diabetic nephropathy". New England Journal of Medicine. 329 (20): 1456–1462.
- [29]. Schrier, R. W.; Estacio, R. O.; Esler, A.; Mehler, P. (2002-02-25). "Effects of aggressive blood pressure control in normotensive type 2 diabetic patients on albuminuria, retinopathy and strokes". New England Journal of Medicine. 345 (12): 861–869.
- [30]. Townsend, Raymond (2009-01-07). Faculty Opinions recommendation of Benazepril plus amlodipine or hydrochlorothiazide for hypertension in high-risk patients.
- [31]. Umanath, Kausik; Lewis, Julia B. (2018-06-01). "Update on Diabetic Nephropathy: Core Curriculum 2018". American Journal of Kidney Diseases. 71 (6): 884–895.
- [32]. Walter F Boron (2004).
- [33]. Wolffenbuttel, B. H. R.; Boulanger, C. M.; Crijns, F. R. L.; Huijberts, M. S. P.; Poitevin, P.; Swennen, G. N. M.; Vasan, S.; Egan, J. J.; Ulrich, P.; Cerami, A.; Levy, B. I. (1998-04-14). "Breakers of advanced glycation end products restore large artery properties in experimental diabetes". Proceedings of the National Academy of Sciences. 95 (8): 4630–4634.

- [34]. World Health Organization (WHO). Statistics by country for type 2 Diabetes, 2006.
- [35]. Yan, Shi-Fang; Ramasamy, Ravichandran; Bucciarelli, Loredana G.; Wendt, Thoralf; Lee, Larisse K.; Hudson, Barry I.; Stern, David M.; Lalla, Evanthia; Du Yan, Shi; Rong, Ling Ling; Naka, Yoshifumi (May 2004). "RAGE and its ligands: a lasting memory in diabetic complications?". Diabetes and Vascular Disease Research. 1 (1): 10–20.