

VITAMIN D THE KIDNEY VITAMIN NATIONAL KIDNEY FOUNDATIO

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The kidneys convert vitamin D from supplements or the sun to the active form of vitamin D that is needed by the body. With chronic kidney disease, low vitamin D levels can be found, sometimes even severely low levels. This may occur because injured kidneys are less able to convert vitamin D into its active form.

<http://home.schoolnutritionandfitness.com/Vitamin-D--The-Kidney-Vitamin--National-Kidney-Foundation.pdf>

What's the Deal with Vitamin D National Kidney Foundation

By Lacy Ternes, PharmD Low vitamin D levels or "vitamin D deficiency" is defined as a total vitamin D level less than 20 ng/mL. This is very common after transplantation. Why is that? In an effort to prevent skin cancer, transplant recipients are advised to avoid or protect themselves from the sun the body's major source of vitamin D. This leaves transplant recipients at

<http://home.schoolnutritionandfitness.com/What's-the-Deal-with-Vitamin-D--National-Kidney-Foundation.pdf>

The Role of Vitamin D in CKD Stages 3 to 4 Report of a

The Role of Vitamin D in CKD Stages 3 to 4: Report of a Scientific Workshop Sponsored by the National Kidney Foundation Deficiency of 25-hydroxyvitamin D (25[OH]D) is common in patients with chronic kidney disease stages 3 and 4 and is associated with poor outcomes.

<http://home.schoolnutritionandfitness.com/The-Role-of-Vitamin-D-in-CKD-Stages-3-to-4--Report-of-a-.pdf>

The Role of Vitamin D in CKD Stages 3 to 4 Report of a

conference" on vitamin D in chronic kidney disease that was sponsored by the National Kidney Foundation. The report outlines the deliberations of the 3 work groups that participated in the conference. Until newer measurement methods are widely used, the panel agreed that clinicians should classify 25(OH)D "adequacy"

<http://home.schoolnutritionandfitness.com/The-Role-of-Vitamin-D-in-CKD-Stages-3-to-4--Report-of-a-.pdf>

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<http://home.schoolnutritionandfitness.com/The-Role-of-Vitamin-D-in-CKD-Stages-3-to-4--Report-of-a-.pdf>

Reduction of the vitamin D hormonal system in kidney

Nevertheless, the kidney remains an integral component of normal vitamin D metabolism and function, with the vitamin D-activating enzyme 25-hydroxyvitamin D-1 -hydroxylase (CYP27B1), its catabolic counterpart 24-hydroxylase (CYP24A1), and the nuclear vitamin D receptor (VDR), involving in determining the circulating levels of 1,25(OH)₂D._{1,14}

<http://home.schoolnutritionandfitness.com/Reduction-of-the-vitamin-D-hormonal-system-in-kidney--.pdf>

Con Nutritional vitamin D replacement in chronic kidney

Accordingly, current National Kidney Foundation Kidney Disease Outcomes Quality Initiative and Kidney Disease: Improving Global Outcomes guidelines recommend the correction of hypovitaminosis D through nutritional vitamin D replacement as a first-step therapeutic approach targeting secondary hyperparathyroidism.

<http://home.schoolnutritionandfitness.com/Con--Nutritional-vitamin-D-replacement-in-chronic-kidney--.pdf>

Vitamins K and D Status in Stages 3 5 Chronic Kidney Disease

Dietary Vitamin K Intake. Dietary intake of vitamin K and vitamin D was assessed by a semiquantitative 126-item FFQ validated for vitamin K intake in North America (). Successfully completed FFQs (n = 168) were sent to the Harvard School of Public Health for analysis of habitual intakes of vitamin K, vitamin D, and total energy over the previous 12 months.

<http://home.schoolnutritionandfitness.com/Vitamins-K-and-D-Status-in-Stages-3-5-Chronic-Kidney-Disease.pdf>

Vitamin D and Kidney Disease kidneyforum 111 1

Unfiltered - A Kidney Forum - Vitamin D and Kidney Disease - National Kidney Foundation Vitamin D: The Kidney Vitamin? Many Americans are deficient in an important vitamin-vitamin D. The Centers for Disease Control and Prevention's latest information has found that more than one-half of Americans of all ages have low levels of vitamin D.

<http://home.schoolnutritionandfitness.com/Vitamin-D-and-Kidney-Disease--kidneyforum-111-1-.pdf>

Vitamins and Minerals in Chronic Kidney Disease National

You can take a vitamin D pill or have injectable vitamin D during your dialysis treatment if you are receiving dialysis. Your healthcare professional will tell you the type and amount you should be taking. You should only take vitamin D if your healthcare professional prescribes it for you. Calcium: Calcium along with vitamin D helps to keep your bones healthy. It is important to take only the amount of calcium prescribed by your healthcare professional or kidney dietitian.

<http://home.schoolnutritionandfitness.com/Vitamins-and-Minerals-in-Chronic-Kidney-Disease-National-.pdf>

Vitamin D and kidney transplant outcomes a protocol for a

It is estimated that 17% of patients with chronic kidney disease have vitamin D insufficiency, which is defined as a vitamin D concentration between 15 and 30 ng/mL (40 to 70 nmol/L), and approximately 80% have vitamin D deficiency (vitamin D concentration <15 ng/mL or 37 nmol/L). Renal transplant patients are no exception.

<http://home.schoolnutritionandfitness.com/Vitamin-D-and-kidney-transplant-outcomes--a-protocol-for-a--.pdf>

Vitamin D Deficiency Affects 8 in 10 Kidney Transplant

Vitamin D Deficiency Affects 8 in 10 Kidney Transplant Patients, Even in Sunny Climates Las Vegas, NV (April 23, 2014) - Kidney transplant patients have a very high rate of vitamin D deficiency, even in sunny Southern California, according to new findings presented here at the National Kidney Foundation's 2014 Spring Clinical Meetings.

<http://home.schoolnutritionandfitness.com/Vitamin-D-Deficiency-Affects-8-in-10-Kidney-Transplant--.pdf>

25 Hydroxyvitamin D Testing and Supplementation in CKD An

In this report, NKF-KDOQI (National Kidney Foundation Kidney Disease Outcomes Quality Initiative)

endeavors to provide health care providers with the latest information on a controversial area in the management of CKD, the role for nutritional vitamin D.

<http://home.schoolnutritionandfitness.com/25-Hydroxyvitamin-D-Testing-and-Supplementation-in-CKD--An--.pdf>

Con Nutritional Vitamin D Replacement in Chronic Kidney

Accordingly, current National Kidney Foundation-Kidney Disease Outcomes Quality Initiative and Kidney Disease: Improving Global Outcomes guidelines recommend the correction of hypovitaminosis D through nutritional vitamin D replacement as a first-step therapeutic approach targeting secondary hyperparathyroidism.

<http://home.schoolnutritionandfitness.com/Con--Nutritional-Vitamin-D-Replacement-in-Chronic-Kidney-.pdf>

Low Vitamin D Levels Linked to Early Signs of Kidney

Urine Protein and Vitamin D Facts from the National Kidney Foundation Albumin is a type of protein. When found in the urine it is known as albuminuria. The presence of albuminuria indicates Two positive tests for albuminuria over several weeks are an early indication of kidney disease. For

<http://home.schoolnutritionandfitness.com/Low-Vitamin-D-Levels-Linked-to-Early-Signs-of-Kidney--.pdf>

Vitamin D and kidney stones is there an association

In the kidney, the 24 hydroxylase enzyme limits the amount of 1,25 (OH)₂ synthesis by increasing its catabolism to 1,24,25 (OH)₃ vitamin D. The 24 hydroxylase also shunts 25 (OH) vitamin D away from 1 hydroxylase. Both 24 hydroxylated products are biologically inactive.

<http://home.schoolnutritionandfitness.com/Vitamin-D-and-kidney-stones---is-there-an-association---.pdf>

Vitamin D SCM Enduring 2016 V2 National Kidney Foundation

Describe vitamin D metabolism and the role of vitamin D. Describe vitamin D metabolism and the role of vitamin D. - Strongly Agree. The National Kidney Foundation is the leading organization in the U.S. dedicated to the awareness, prevention and treatment of kidney disease for hundreds of thousands of healthcare professionals, millions of

<http://home.schoolnutritionandfitness.com/Vitamin-D-SCM-Enduring-2016-V2-National-Kidney-Foundation.pdf>

Medication Supplements Vitamins and COVID 19 National Kidney Foundation

Concepts: National Kidney Foundation, Kidney, Chronic Kidney Disease, Kidney disease, Kidneys, CKD, NKF, COVID-19 Prevention, COVID-19 Treatment, COVID-19 Medication, COVID-19 Vitamins

<http://home.schoolnutritionandfitness.com/Medication--Supplements--Vitamins--and-COVID-19-National-Kidney-Foundation.pdf>

Vitamin D and Kidney Damage Healthline

Kidney Damage and Other Health Problems That Occur from Too Much Vitamin D Written by Elizabeth Pratt on April 10, 2019 Share on Pinterest For most people, a daily dose of 400 to 1,000

<http://home.schoolnutritionandfitness.com/Vitamin-D-and-Kidney-Damage-Healthline.pdf>

Vitamin D Basics Kidney Diet Tips

D₃ is the natural form synthesized in the skin by UVB radiation or found in fatty fish. It may look like a gel cap or a white powder capsule. Both of these supplements are inactive, meaning they need to be processed by the liver and the kidneys before they can be active in the body.

<http://home.schoolnutritionandfitness.com/Vitamin-D-Basics-Kidney-Diet-Tips.pdf>

The Role of Vitamin D in CKD Stages 3 to 4 Report of a

vitamin D deficiency in nephrology remains controversial. This article reports on the proceedings from a controversies conference on vitamin D in chronic kidney disease that was sponsored by the National Kidney Foundation. The report outlines the deliberations of the 3 work groups that participated in the

conference.

<http://home.schoolnutritionandfitness.com/The-Role-of-Vitamin-D-in-CKD-Stages-3-to-4--Report-of-a-.pdf>

VITamin D and Omega 3 Trial to prevent and treat diabetic

In summary, abundant data point to potential renal benefits of both vitamin D and omega-3 fatty acids, but existing evidence is inadequate to recommend routine vitamin D or omega-3 supplementation for the prevention or treatment of DKD.

<http://home.schoolnutritionandfitness.com/VITamin-D-and-Omega-3-Trial-to-prevent-and-treat-diabetic-.pdf>

Vitamins K and D Status in Stages 3 5 Chronic Kidney

Background and objectives: Vitamin K, vitamin K-dependent proteins, and vitamin D may be involved in the regulation of calcification in chronic kidney disease (CKD). Design, setting, participants, & measurements: Vitamin K and D status was measured as dietary intake, plasma phylloquinone, serum percent uncarboxylated osteocalcin (%ucOC), proteins induced by vitamin K absence (PIVKA-II

<http://home.schoolnutritionandfitness.com/Vitamins-K-and-D-Status-in-Stages-3-5-Chronic-Kidney-.pdf>

If I Have Kidney Disease Do I Even Need a ProRenal D

The National Kidney Foundation also took a hard look at multivitamins in kidney disease and agreed that people with kidney disease are more likely to develop deficiencies in many vitamins and minerals as described above 19. Experts agree that Vitamin D levels need to be checked and replaced if low 20,21.

<http://home.schoolnutritionandfitness.com/If-I-Have-Kidney-Disease--Do-I-Even-Need-a---ProRenal-D.pdf>

Is vitamin D 3 bad for the kidney OUP Academic

Active vitamin D 3 {1,25-dihydroxyvitamin D 3 [1,25(OH) 2 D 3], calcitriol} is a hormone best known for its role in modulating mineral balance. Its synthesis involves several steps, including a hepatic hydroxylation to calcidiol {25-hydroxyvitamin D [25(OH)D 3]}, requiring the cytochrome P450 enzyme CYP2R1, and final activation in the kidney by CYP27B1, mostly expressed in proximal tubules.

<http://home.schoolnutritionandfitness.com/Is-vitamin-D-3-bad-for-the-kidney--OUP-Academic.pdf>

Vitamin D Therapy in Kidney Disease More Vitamin D Is

The NKF-KDOQI (National Kidney Foundation Kidney Disease Outcomes Quality Initiative)⁴ and KDIGO (Kidney Disease: Improving Global Out-comes)⁵ guidelines recognize that vitamin D insufficiency and deficiency should be avoided in patients with dialysis-dependent kidney failure; both recommend that vitamin D status be assessed by measuring

<http://home.schoolnutritionandfitness.com/Vitamin-D-Therapy-in-Kidney-Disease--More-Vitamin-D-Is-.pdf>

Vitamin D Kidney Health ProRenal

Vitamin D & Kidney Health There are an estimated 1 billion people worldwide that are deficient in vitamin D. 1 Vitamin D deficiency is a problem that affects all races and age groups, regardless of how much sun they receive. Vitamin D helps your body absorb and retain calcium and phosphorus, which are important for healthy bones.

<http://home.schoolnutritionandfitness.com/Vitamin-D-Kidney-Health-ProRenal.pdf>

Chronic kidney disease and use of dietary supplements

The National Kidney Foundation (NKF) has a patient Web page devoted to herbal supplements and kidney disease. 2 The NKF site focuses on dietary supplements that may contain potassium and phosphorus, as well as products to specifically avoid because of their direct effects on the kidneys or

on CKD risk factors. Herbals that may contain potassium

<http://home.schoolnutritionandfitness.com/Chronic-kidney-disease-and-use-of-dietary-supplements--.pdf>

Vitamin D Hypercalciuria and Kidney Stones

In parallel, an increased frequency of kidney stone episodes has been observed in prospective studies evaluating vitamin D alone or in association with calcium supplements, and epidemiological studies have identified an association between high 25-hydroxyvitamin D serum levels and kidney stone formation in some groups of patients.

<http://home.schoolnutritionandfitness.com/Vitamin-D--Hypercalciuria-and-Kidney-Stones.pdf>

NKF KDOQI Guidelines

Prevention and Treatment of Vitamin D Insufficiency and Vitamin D Deficiency in CKD Patients; Guideline 8. Vitamin D Therapy in CKD Patients Guideline 8A. Active Vitamin D Therapy in Patients With Stages 3 and 4 CKD; Guideline 8B. Vitamin D Therapy in Patients on Dialysis (CKD Stage 5) Guideline 9. Dialysate Calcium Concentrations; Guideline 10.

<http://home.schoolnutritionandfitness.com/NKF-KDOQI-Guidelines.pdf>

Vitamins and Minerals in Kidney Disease

National Kidney Foundation: Newsroom When you have kidney disease, certain substances cannot be made by your kidneys anymore. Your need for certain vitamins and minerals changes. Certain vitamins and minerals are affected by the loss of kidney function. What supplements will I need to take? Your doctor will probably want you to take vitamin C and a group of vitamins called B complex.

<http://home.schoolnutritionandfitness.com/Vitamins-and-Minerals-in-Kidney-Disease.pdf>

Kidney Health Kidney Disease ProRenal D

A kidney vitamin should contain Vitamin D for supporting bone health. The National Kidney Foundation Kidney Disease Outcomes Quality Initiative (KDOQI) recommends specific guidelines for supplementation of trace elements in kidney and dialysis patients. Heart vitamins and multivitamins for kidney patients should have adequate amounts of

<http://home.schoolnutritionandfitness.com/Kidney-Health-Kidney-Disease-ProRenal-D.pdf>

Vitamin D3 and D2 Similarly Effective for SHPT in CKD

Home Conference Highlights National Kidney Foundation Annual Meeting NKF 2018 Spring Meeting Publish Date April 12, 2018 Vitamin D3 and D2 Similarly Effective for SHPT in CKD

<http://home.schoolnutritionandfitness.com/Vitamin-D3-and-D2-Similarly-Effective-for-SHPT-in-CKD--.pdf>

Vitamin D Deficiency and Chronic Kidney and Liver Disease

When one is low in vitamin d it may be a sign of either Kidney or Liver disease. Activation of Vitamin D. Vitamin D is a hormone (a cholesterol-like substance) and in order to be effective in the body, it needs to be properly processed and activated. This involves a two-step process, which begins with either the consumption of vitamin d rich

<http://home.schoolnutritionandfitness.com/Vitamin-D-Deficiency-and-Chronic-Kidney-and-Liver-Disease-.pdf>

Renoprotective effects of vitamin D analogs Kidney

The majority of circulating vitamin D metabolites in humans is initially synthesized as vitamin D 3 in the skin from 7-dehydrocholesterol by UVB light radiation. Vitamin D 3 is converted to the active hormone 1,25-dihydroxyvitamin D 3 [1,25(OH) 2 D 3] through two steps of hydroxylation reaction: first in the liver catalyzed by 25-hydroxylase and then in the kidney catalyzed by 1 -hydroxylase

<http://home.schoolnutritionandfitness.com/Renoprotective-effects-of-vitamin-D-analogs-Kidney--.pdf>

Vitamin D and Kidney Health Integrative Kidney

The target level of vitamin D in kidney disease patients. There is controversy surrounding the ideal target goal of 25 (OH)D and 1,25(OH)₂D for kidney patients. Studies showed that maximum benefit to decrease muscle weakness and fall risk in kidney patients is in the range between 24-44 ng/mL and that levels less than 15 ng/mL have been

<http://home.schoolnutritionandfitness.com/Vitamin-D-and-Kidney-Health-Integrative-Kidney.pdf>

Search results for National Kidney Foundation Clinical

Search clinical trials for: National Kidney Foundation . Total 27 results. NCT04134377 Active, not recruiting . Conditions: Chronic Kidney Disease; Vitamin D Deficiency . NCT00767897 Unknown status . The Impact of the Human Papilloma Virus in Pediatric Chronic Kidney Disease, Dialysis, and Transplant Patients

<http://home.schoolnutritionandfitness.com/Search-results-for-National-Kidney-Foundation-Clinical--.pdf>

Common Vitamins and Supplements to Treat kidney disease

Considering taking a vitamin or supplement to treat Kidney-Disease? Below is a list of common natural remedies used to treat or reduce the symptoms of Kidney-Disease. Follow the links to read

<http://home.schoolnutritionandfitness.com/Common-Vitamins-and-Supplements-to-Treat-kidney-disease.pdf>

25 Hydroxyvitamin D insulin resistance and kidney

and may not represent the true association between vitamin D status and kidney function in the general population. However, the survey with the largest number of people with serum 25-hydroxyvitamin D measurements (nearly 20 000) appears to be the Third National Health and Nutrition Examination Survey (NHANES III), a national cross-sectional survey representative of the US population carried

<http://home.schoolnutritionandfitness.com/25-Hydroxyvitamin-D--insulin-resistance--and-kidney--.pdf>

Management Strategies for Secondary Hyperparathyroidism in

The National Kidney Foundation is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians. "Vitamin D Supplementation" has been reviewed and is acceptable for up to 1.5 Prescribed credit(s) by the American Academy of Family Physicians.

<http://home.schoolnutritionandfitness.com/Management-Strategies-for-Secondary-Hyperparathyroidism-in--.pdf>

Amazon com kidney vitamins

KidneyVite 100 Day Supply-Vitamin and Mineral Supplement to Support Your Kidney and Cardiovascular Health 3.4 out of 5 stars 15 \$18.95 \$ 18 . 95 (\$0.19/Count) \$23.95 \$23.95

<http://home.schoolnutritionandfitness.com/Amazon-com--kidney-vitamins.pdf>

National Kidney Foundation Diet and Kidney Stones

advice on the use of vitamin C, vitamin D, fish liver oils or mineral supplements containing calcium since some supplements can increase the chances of stone formation in some people. The National Kidney Foundation would like to thank the Council on Renal Nutrition for the development of this fact sheet. Copy Right 2011 National Kidney Foundation.

<http://home.schoolnutritionandfitness.com/National-Kidney-Foundation-Diet-and-Kidney-Stones.pdf>

Use of vitamin D in chronic kidney disease patients

Chronic kidney disease (CKD) has been recognized as a significant public health problem, with 20 million Americans, or 11% of the adult population, currently living with CKD. Life expectancy in patients with CKD is limited by the development of disturbances of mineral metabolism, which occurs in virtually all patients during the progression of their disease, and is associated with bone loss

<http://home.schoolnutritionandfitness.com/Use-of-vitamin-D-in-chronic-kidney-disease-patients--.pdf>

Vitamins and Minerals for People with Kidney Disease

A decline in kidney function causes waste products to collect in the body which can change the way the body uses nutrients. Those with kidney disease may have an impaired ability to make or use certain vitamins vitamin D for example. Medication may also change the way the body uses vitamins and minerals.

<http://home.schoolnutritionandfitness.com/Vitamins-and-Minerals-for-People-with-Kidney-Disease--.pdf>

Vitamin D overconsumption leaves man with permanent kidney

The man said his naturopath had never warned him about vitamin D toxicity, which can cause hypercalcemia, which in turn can weaken bones and cause kidney stones, among other common symptoms.

<http://home.schoolnutritionandfitness.com/Vitamin-D-overconsumption-leaves-man-with-permanent-kidney--.pdf>

Omega 3 Kidney Health ProRenal

ProRenal +D with Omega-3 is a doctor formulated and recommended supplement, designed to support both kidney and heart health. The omega-3 used in ProRenal +D with Omega-3 is sourced from wild sardines and anchovies from the cold waters off Chile, which reduces the risks associated with pesticides or other contaminants.

<http://home.schoolnutritionandfitness.com/Omega-3-Kidney-Health-ProRenal.pdf>

Kidney VitaminDWiki

Printer Friendly PDF this page! Follow this page for updates. Links to this page. 1 in 10 have Chronic Kidney Disease review Sept 2019 10 reasons why seniors need more vitamin D Chronic Kidney Disease (stage 3) slowed by 30 ng of Vitamin D and Calcitriol Dec 2019 Chronic Kidney disease in 20 percent of seniors in Taiwan April 2017 Chronic Kidney Disease mortality is 60 percent less

<http://home.schoolnutritionandfitness.com/Kidney-VitaminDWiki.pdf>

Resistant Hypertension Kidney Disease Vitamin D

According to the National Kidney Foundation Guidelines, vitamin D supplementation is recommended for people with vitamin D deficiency. This include people who have chronic kidney disease (nondialysis-dependent, hemodialysis dependent, on peritoneal dialysis or people who have a renal transplant).

<http://home.schoolnutritionandfitness.com/Resistant-Hypertension--Kidney-Disease--Vitamin-D--.pdf>

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