The effect of vitamin D3 on insulin secretion and periph diabetic patients

International Journal of Clinical Practice 57, 258-61

Citation Report

#	Article	IF	CITATIONS
2	Serum 25-Hydroxyvitamin D, Diabetes, and Ethnicity in the Third National Health and Nutrition Examination Survey. Diabetes Care, 2004, 27, 2813-2818.	4.3	811
3	Vitamin D and the elderly. Clinical Endocrinology, 2005, 62, 265-281.	1.2	372
4	Higher bone mineral density in Caucasian, hirsute patients of reproductive age. Positive correlation of testosterone levels with bone mineral density in hirsutism. Clinical Endocrinology, 2005, 62, 683-691.	1.2	36
5	Hypovitaminosis D, insulin resistance and hypertension in pregnancy. European Journal of Clinical Nutrition, 2005, 59, 805-806.	1.3	3
6	Vitamin D and diabetes. Diabetologia, 2005, 48, 1247-1257.	2.9	550
7	Dietary Calcium, Vitamin D, and the Prevalence of Metabolic Syndrome in Middle-Aged and Older U.S. Women. Diabetes Care, 2005, 28, 2926-2932.	4.3	385
9	A role of vitamin D in low-intensity chronic inflammation and insulin resistance in type 2 diabetes mellitus?. Nutrition Research Reviews, 2005, 18, 175-182.	2.1	41
10	Are statins analogues of vitamin D?. Lancet, The, 2006, 368, 1233.	6.3	2
11	The Role of Vitamin D in Cancer Prevention. American Journal of Public Health, 2006, 96, 252-261.	1.5	854
12	Estimation of optimal serum concentrations of 25-hydroxyvitamin D for multiple health outcomes. American Journal of Clinical Nutrition, 2006, 84, 18-28.	2.2	2,088
13	Vitamin D Status and the Metabolic Syndrome. Nutrition Reviews, 2006, 64, 479-486.	2.6	158
14	Lower levels of plasma 25-hydroxyvitamin D among young adults at diagnosis of autoimmune type 1 diabetes compared with control subjects: results from the nationwide Diabetes Incidence Study in Sweden (DISS). Diabetologia, 2006, 49, 2847-2852.	2.9	240
15	Epidemiology of disease risks in relation to vitamin D insufficiency. Progress in Biophysics and Molecular Biology, 2006, 92, 65-79.	1.4	153
16	Vitamin D and Calcium Intake in Relation to Type 2 Diabetes in Women. Diabetes Care, 2006, 29, 650-656.	4.3	681
17	A Study of Vitamin D Insufficiency in Postmenopausal Type 2 Diabetic Women. Journal of Taibah University Medical Sciences, 2007, 2, 30-41.	0.5	0
18	The Effects of Calcium and Vitamin D Supplementation on Blood Glucose and Markers of Inflammation in Nondiabetic Adults. Diabetes Care, 2007, 30, 980-986.	4.3	567
19	The Role of Vitamin D and Calcium in Type 2 Diabetes. A Systematic Review and Meta-Analysis. Journal of Clinical Endocrinology and Metabolism, 2007, 92, 2017-2029.	1.8	1,644
20	Vitamin D, the renin-angiotensin system, and insulin resistance. International Urology and Nephrology, 2008, 40, 419-426.	0.6	73

#	Article	IF	Citations
21	Diabetes and the vitamin D connection. Current Diabetes Reports, 2008, 8, 393-398.	1.7	75
22	Correlation between vitamin D <sub>3</sub> deficiency and insulin resistance in pregnancy. Diabetes/Metabolism Research and Reviews, 2008, 24, 27-32.	1.7	223
23	Role of vitamin D in the pathogenesis of type 2 diabetes mellitus. Diabetes, Obesity and Metabolism, 2008, 10, 185-197.	2.2	410
24	Gestational diabetes mellitus and vitamin D deficiency: genetic contribution of CYP27B1 and CYP2R1 polymorphisms. Diabetes, Obesity and Metabolism, 2008, 10, 683-685.	2.2	60
25	VitaminÂD improves endothelial function in patients with TypeÂ2 diabetes mellitus and low vitaminÂD levels. Diabetic Medicine, 2008, 25, 320-325.	1.2	494
26	Study Protocol – Metabolic syndrome, vitamin D and bone status in South Asian women living in Auckland, New Zealand: A randomised, placebo-controlled, double-blind vitamin D intervention. BMC Public Health, 2008, 8, 267.	1.2	28
27	Vitamin D, glucose, insulin, and insulin sensitivity. Nutrition, 2008, 24, 279-285.	1.1	128
28	Glucose tolerance and vitamin D: Effects of treating vitamin D deficiency. Nutrition, 2008, 24, 950-956.	1.1	102
29	Vitamin D and musculoskeletal health. Nature Clinical Practice Rheumatology, 2008, 4, 580-588.	3.2	57
30	Prevalence of Vitamin D [25(OH)D] Deficiency and Effects of Supplementation With Ergocalciferol (Vitamin D2) in Stage 5 Chronic Kidney Disease Patients., 2008, 18, 375-382.		83
31	Plasma 25-Hydroxyvitamin D Levels and Risk of Incident Hypertension Among Young Women. Hypertension, 2008, 52, 828-832.	1.3	291
32	The Relationship between Renal Injury and Change in Vitamin D Metabolism in Aged Rats with Insulin Resistance or Type 2 Diabetes Mellitus. Journal of International Medical Research, 2008, 36, 289-295.	0.4	6
33	Vitamin D and Diabetes. The Diabetes Educator, 2008, 34, 939-954.	2.6	53
35	High Prevalence of Vitamin D Deficiency in African American Kidney Transplant Recipients. Transplantation, 2008, 85, 767-770.	0.5	32
37	Vitamin D: emerging new roles in insulin sensitivity. Nutrition Research Reviews, 2009, 22, 82-92.	2.1	202
38	Reappraising the stereotypes of diabetes in the modern diabetogenic environment. Nature Reviews Endocrinology, 2009, 5, 483-489.	4.3	44
39	Effect of Vitamin D Deficiency and Replacement on Endothelial Function in Asymptomatic Subjects. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 4023-4030.	1.8	376
40	Vitamin D Deficiency in Pregnancy and Lactation and Health Consequences. Clinical Reviews in Bone and Mineral Metabolism, 2009, 7, 42-51.	1.3	1

#	Article	IF	CITATIONS
41	Health Disparities and Vitamin D. Clinical Reviews in Bone and Mineral Metabolism, 2009, 7, 63-76.	1.3	7
42	Vitamin D and diabetes mellitus. Endocrine, 2009, 35, 11-17.	1.1	159
43	The association between vitamin D status and circulating adiponectin independent of adiposity in subjects with abnormal glucose tolerance. Endocrine, 2009, 36, 205-210.	1.1	77
44	Does vitamin D status contribute to caveolin-1-mediated insulin sensitivity in skeletal muscle? Reply to Boucher BJ [letter]. Diabetologia, 2009, 52, 2241-2243.	2.9	0
45	Serum concentrations of vitamin D and parathyroid hormone and prevalent metabolic syndrome among adults in the United States. Journal of Diabetes, 2009, 1, 296-303.	0.8	45
46	The relationship among renal injury, changed activity of renal $1-1$ ± hydroxylase and bone loss in elderly rats with insulin resistance or Type 2 diabetes mellitus. Journal of Endocrinological Investigation, 2009, 32, 196-201.	1.8	12
47	Role of vitamin D treatment in glucose metabolism in polycystic ovary syndrome. Fertility and Sterility, 2009, 92, 1053-1058.	0.5	118
48	Comment on "Vitamin D deficiency is the cause of common obesity― Medical Hypotheses, 2009, 73, 123.	0.8	6
49	Vitamin D and type 2 diabetes. Primary Care Diabetes, 2009, 3, 115-116.	0.9	21
50	Benefit–risk assessment of vitamin D supplementation. Osteoporosis International, 2010, 21, 1121-1132.	1.3	297
51	The Skeletal Subsystem as an Integrative Physiology Paradigm. Current Osteoporosis Reports, 2010, 8, 168-177.	1.5	11
52	Cholinergic, dopaminergic and insulin receptors gene expression in the cerebellum of streptozotocin-induced diabetic rats: Functional regulation with Vitamin D3 supplementation. Pharmacology Biochemistry and Behavior, 2010, 95, 216-222.	1.3	31
53	Role of Vitamin D in Cardiovascular Health. American Journal of Cardiology, 2010, 106, 798-805.	0.7	133
54	Health effects of vitamin D. Dermatologic Therapy, 2010, 23, 23-30.	0.8	48
55	The prevalence of vitamin D abnormalities in South Asians with type 2 diabetes mellitus in the UK. International Journal of Clinical Practice, 2010, 64, 351-355.	0.8	72
56	Effect of oral vitamin D and calcium replacement on glycaemic control in South Asian patients with type 2 diabetes. International Journal of Clinical Practice, 2010, 64, 1084-1089.	0.8	34
57	A systems approach to bone pathophysiology. Annals of the New York Academy of Sciences, 2010, 1211, 9-24.	1.8	5
58	Lack of effect of subtherapeutic vitamin D treatment on glycemic and lipid parameters in Type 2 diabetes: A pilot prospective randomized trial. Journal of Diabetes, 2010, 2, 36-40.	0.8	69

#	Article	IF	CITATIONS
59	Baseline serum 25â€hydroxyvitamin D concentrations in the TromsÃ, Study 1994–95 and risk of developing type 2 diabetes mellitus during 11 years of followâ€up. Diabetic Medicine, 2010, 27, 1107-1115.	1.2	106
60	Glycemic changes after vitamin D supplementation in patients with type 1 diabetes mellitus and vitamin D deficiency. Annals of Saudi Medicine, 2010, 30, 454-458.	0.5	92
61	Vitamin D status and attitudes towards sun exposure in South Asian women living in Auckland, New Zealand. Public Health Nutrition, 2010, 13, 531-536.	1.1	30
62	Associations of Serum Concentrations of 25-Hydroxyvitamin D and Parathyroid Hormone With Surrogate Markers of Insulin Resistance Among U.S. Adults Without Physician-Diagnosed Diabetes: NHANES, 2003–2006. Diabetes Care, 2010, 33, 344-347.	4.3	94
63	The expanding spectrum of biological actions of vitamin D. Nephrology Dialysis Transplantation, 2010, 25, 2850-2865.	0.4	95
64	Vitamin D supplementation reduces insulin resistance in South Asian women living in New Zealand who are insulin resistant and vitamin D deficient – a randomised, placebo-controlled trial. British Journal of Nutrition, 2010, 103, 549-555.	1.2	551
65	Role of Vitamin D in Insulin Secretion and Insulin Sensitivity for Glucose Homeostasis. International Journal of Endocrinology, 2010, 2010, 1-18.	0.6	321
66	Strategies for diabetes and pathways of vitamin D. Diabetes and Metabolic Syndrome: Clinical Research and Reviews, 2010, 4, 101-110.	1.8	3
67	Vitamin D and Diabetes. Endocrinology and Metabolism Clinics of North America, 2010, 39, 419-446.	1.2	228
68	Vitamin D in older population: new roles for this â€~classic actor'?. Aging Male, 2010, 13, 215-232.	0.9	23
69	The effect of vitamin D replacement therapy on insulin resistance and androgen levels in women with polycystic ovary syndrome. Journal of Endocrinological Investigation, 2010, 33, 234-238.	1.8	147
70	Metabolic syndrome: Aggression control mechanisms gone out of control. Medical Hypotheses, 2010, 74, 578-589.	0.8	23
71	Vitamin D and diabetes: Much ado about nothing?. Diabetes and Metabolism, 2010, 36, 323-325.	1.4	5
72	The role of vitamin D deficiency in the pathogenesis of type 2 diabetes mellitus. European E-journal of Clinical Nutrition and Metabolism, 2010, 5, e155-e165.	0.4	16
73	Serum 25(OH) vitaminÂD level, femur length, and risk of type 2 diabetes among adults. Applied Physiology, Nutrition and Metabolism, 2011, 36, 264-270.	0.9	11
74	Effects of vitamin D supplementation on 25-hydroxyvitamin D, high-density lipoprotein cholesterol, and other cardiovascular disease risk markers in subjects with elevated waist circumference. International Journal of Food Sciences and Nutrition, 2011, 62, 318-327.	1.3	42
75	Daily consumption of vitamin $D\hat{\epsilon}$ or vitamin $D$ + calcium $\hat{\epsilon}$ fortified yogurt drink improved glycemic control in patients with type 2 diabetes: a randomized clinical trial. American Journal of Clinical Nutrition, 2011, 93, 764-771.	2.2	236
76	Serum 25-hydroxyvitamin D levels are inversely associated with glycated haemoglobin (HbA $<$ sub $>$ 1c $<$ /sub $>$ ). The Troms $\tilde{A}$ , Study. Scandinavian Journal of Clinical and Laboratory Investigation, 2011, 71, 399-406.	0.6	38

#	ARTICLE	IF	CITATIONS
77	Vitamin D3 supplementation improves insulin sensitivity in subjects with impaired fasting glucose. Translational Research, 2011, 158, 276-281.	2.2	54
78	Novel roles of vitamin D in disease: What is new in 2011?. European Journal of Internal Medicine, 2011, 22, 355-362.	1.0	90
79	Vitamin D and diabetes: Its importance for beta cell and immune function. Molecular and Cellular Endocrinology, 2011, 347, 106-120.	1.6	166
80	Vitamin D supplementation to prevent the progression of prediabetes to diabetes: Getting closer to a recommendation. Translational Research, 2011, 158, 273-275.	2.2	6
81	Relationship Between Vitamin <scp>D</scp> and Hyperglycemia in Older People From a Nationally Representative Population Survey. Journal of the American Geriatrics Society, 2011, 59, 1786-1792.	1.3	24
82	Adipose tissue and inflammation. International Journal of Clinical Practice, 2011, 65, 913-917.	0.8	3
83	Vitamin D insufficiency in a large MCTD population. Autoimmunity Reviews, 2011, 10, 317-324.	2.5	50
84	Expression of Cholinergic, Insulin, Vitamin D Receptors and GLUT 3 in the Brainstem of Streptozotocin Induced Diabetic Rats: Effect of Treatment with Vitamin D3. Neurochemical Research, 2011, 36, 2116-2126.	1.6	14
85	Vitamin D3 restores altered cholinergic and insulin receptor expression in the cerebral cortex and muscarinic M3 receptor expression in pancreatic islets of streptozotocin induced diabetic rats. Journal of Nutritional Biochemistry, 2011, 22, 418-425.	1.9	36
86	Efficacy of vitamin D3-fortified-yogurt drink on anthropometric, metabolic, inflammatory and oxidative stress biomarkers according to vitamin D receptor gene polymorphisms in type 2 diabetic patients: a study protocol for a randomized controlled clinical trial. BMC Endocrine Disorders, 2011, 11. 12.	0.9	21
87	Biochemical and metabolomic phenotyping in the identification of a vitamin D responsive metabotype for markers of the metabolic syndrome. Molecular Nutrition and Food Research, 2011, 55, 679-690.	1.5	84
88	Effect of supplementation with vitamin D <sub>3</sub> on glucose production pathways in human subjects. Molecular Nutrition and Food Research, 2011, 55, 1018-1025.	1.5	7
89	Dairy Components and Risk Factors for Cardiometabolic Syndrome: Recent Evidence and Opportunities for Future Research. Advances in Nutrition, 2011, 2, 396-407.	2.9	91
90	Serum 25-Hydroxyvitamin D Levels and Prediabetes Among Subjects Free of Diabetes. Diabetes Care, 2011, 34, 1114-1119.	4.3	56
91	Serum 25-hydroxyvitamin D concentrations in relation to cardiometabolic risk factors and metabolic syndrome in postmenopausal women. American Journal of Clinical Nutrition, 2011, 94, 209-217.	2.2	117
92	Effect of an Oral Glucose Load on PTH, 250HD3, Calcium, and Phosphorus Homeostasis in Postmenopausal Women. Endocrine Research, 2011, 36, 45-52.	0.6	13
93	Low Serum Vitamin D Is Associated with High Risk of Diabetes in Korean Adults. Journal of Nutrition, 2011, 141, 1524-1528.	1.3	59
94	Vitamin D and cardiometabolic health: a review of the evidence. Nutrition Research Reviews, 2011, 24, 1-20.	2.1	45

#	ARTICLE	IF	CITATIONS
95	Vitamin D status and insulin requirements in children and adolescent with type 1 diabetes. Journal of Pediatric Endocrinology and Metabolism, 2011, 24, .	0.4	16
96	A potential role for adjunctive vitamin D therapy in the management of weight gain and metabolic side effects of second-generation antipsychotics. Journal of Pediatric Endocrinology and Metabolism, 2011, 24, 619-26.	0.4	7
97	Prospective Associations of Vitamin D With $\hat{I}^2$ -Cell Function and Glycemia. Diabetes, 2011, 60, 2947-2953.	0.3	124
98	CYP24A1 Regulation in Health and Disease., 2011,, 1525-1554.		3
99	Vitamin D and Cardiovascular Disease. , 2011, , 1973-1997.		2
100	Role of Vitamin D in Insulin Resistance. Journal of Biomedicine and Biotechnology, 2012, 2012, 1-11.	3.0	189
101	Incremental Cholecalciferol Supplementation up to 15 μg/d Throughout Winter at 51–55° N Has No Effect on Biomarkers of Cardiovascular Risk in Healthy Young and Older Adults. Journal of Nutrition, 2012, 142, 1519-1525.	1.3	30
102	Plasma 25-Hydroxyvitamin D Levels Are Favorably Associated With Î <sup>2</sup> -Cell Function. Pancreas, 2012, 41, 863-868.	0.5	37
103	Vitamin D Deficiency: A New Risk Factor for Type 2 Diabetes. Annals of Nutrition and Metabolism, 2012, 61, 337-348.	1.0	97
104	Hyperinsulinemia, Insulin Resistance, Vitamin D, and Colorectal Cancer Among Whites and African Americans. Digestive Diseases and Sciences, 2012, 57, 2497-2503.	1.1	20
105	Circulating 25-Hydroxyvitamin D Concentrations Are Correlated With Cardiometabolic Risk Among American Black and White Adolescents Living in a Year-Round Sunny Climate. Diabetes Care, 2012, 35, 1133-1138.	4.3	55
106	Effect of vitamin D on aortic remodeling in streptozotocin-induced diabetes. Cardiovascular Diabetology, 2012, 11, 58.	2.7	52
107	Effect of vitamin D on insulin resistance and anthropometric parameters in Type 2 diabetes; a randomized double-blind clinical trial. DARU, Journal of Pharmaceutical Sciences, 2012, 20, 10.	0.9	56
108	Is vitamin D status a predictor glycaemic regulation and cardiac complication in type 2 diabetes mellitus patients?. Diabetes and Metabolic Syndrome: Clinical Research and Reviews, 2012, 6, 28-31.	1.8	38
109	Effect of 25-hydroxyvitamin D on metabolic parameters and insulin resistance in patients with polycystic ovarian syndrome. Middle East Fertility Society Journal, 2012, 17, 176-180.	0.5	16
110	Vitamin D and Diabetes. Rheumatic Disease Clinics of North America, 2012, 38, 179-206.	0.8	51
111	The Physiology of Aggression. , 2012, , 135-169.		0
112	CYP24A1 Exacerbated Activity during Diabetes Contributes to Kidney Tubular Apoptosis via Caspase-3 Increased Expression and Activation. PLoS ONE, 2012, 7, e48652.	1.1	20

#	Article	IF	CITATIONS
113	Vitamin D and Cardiovascular Risk. Current Hypertension Reports, 2012, 14, 209-218.	1.5	52
114	Effects of a single postâ€partum injection of a high dose of vitaminâ€∫D on glucose tolerance and insulin resistance in mothers with firstâ€time gestational diabetes mellitus. Diabetic Medicine, 2012, 29, 36-42.	1.2	37
115	A randomized, placeboâ€controlled trial of vitamin D supplementation to improve glycaemia in overweight and obese African Americans. Diabetes, Obesity and Metabolism, 2012, 14, 789-794.	2.2	96
116	Effect of vitamin $\hat{a} \in fD$ supplementation on glycaemic control and insulin resistance: a systematic review and meta $\hat{a} \in a$ nalysis. Diabetic Medicine, 2012, 29, e142-50.	1.2	283
117	Effect of high doses of vitamin D on arterial properties, adiponectin, leptin and glucose homeostasis in type 2 diabetic patients. Clinical Nutrition, 2013, 32, 970-975.	2.3	127
118	Consumption of low-fat dairy foods for 6 months improves insulin resistance without adversely affecting lipids or bodyweight in healthy adults: a randomized free-living cross-over study. Nutrition Journal, 2013, 12, 56.	1.5	70
119	1,25(OH)2D3-Mediated Amelioration of Aortic Injury in Streptozotocin-Induced Diabetic Rats. Inflammation, 2013, 36, 1334-1343.	1.7	7
120	Diabetes and cancer: Could vitamin D provide the link?. Journal of Diabetes and Its Complications, 2013, 27, 184-190.	1.2	6
121	The Roles of Vitamin D in Skeletal Muscle: Form, Function, and Metabolism. Endocrine Reviews, 2013, 34, 33-83.	8.9	417
122	Vitamin <scp>D</scp> does not improve the metabolic health of patients with chronic kidney disease stage 3–4: A randomized controlled trial. Nephrology, 2013, 18, 26-35.	0.7	25
123	Osteocalcin and vitamin D status are inversely associated with homeostatic model assessment of insulin resistance in Canadian Aboriginal and white women: the First Nations Bone Health Study. Journal of Nutritional Biochemistry, 2013, 24, 412-418.	1.9	25
124	Supplémentation en vitamine DÂ: pourquoiÂ? CommentÂ? QuiÂ? Et avec quoiÂ?. NPG Neurologie - Psychiatrie - Geriatrie, 2013, 13, 63-70.	0.1	5
125	Serum 25-hydroxyvitamin D levels are inversely associated with systemic inflammation in severe obese subjects. Internal and Emergency Medicine, 2013, 8, 33-40.	1.0	160
126	Vitamin D, Calcium, and Atherosclerotic Risk: Evidence from Serum Levels and Supplementation Studies. Current Atherosclerosis Reports, 2013, 15, 293.	2.0	37
127	Vitamin D and the cardiovascular system. Osteoporosis International, 2013, 24, 2167-2180.	1.3	83
128	Vitamin D and type 2 diabetes mellitus. Journal of Clinical Pharmacy and Therapeutics, 2013, 38, 81-84.	0.7	9
129	Vitamin D3 and insulin combined treatment promotes titanium implant osseointegration in diabetes mellitus rats. Bone, 2013, 52, 1-8.	1.4	46
130	Possible Role of Hyperinsulinemia and Insulin Resistance in Lower Vitamin D Levels in Overweight and Obese Patients. BioMed Research International, 2013, 2013, 1-6.	0.9	28

#	Article	IF	CITATIONS
131	Bone mineral density and vitamin D in PCOS and hirsutism. Expert Review of Endocrinology and Metabolism, 2013, 8, 449-459.	1.2	13
132	Vitamin D and glycemic control in diabetes mellitus type 2. Therapeutic Advances in Endocrinology and Metabolism, 2013, 4, 122-128.	1.4	104
133	Role of Vitamin D in Cardiometabolic Diseases. Journal of Diabetes Research, 2013, 2013, 1-10.	1.0	39
135	Effect of supplementation with vitamin D <sub>2</sub> -enhanced mushrooms on vitamin D status in healthy adults. Journal of Nutritional Science, 2013, 2, e29.	0.7	36
136	Vitamin D and diabetes mellitus. Hormones, 2014, 13, 163-181.	0.9	61
137	Analysis of the Associations between Vitamin D and Albuminuria or $\hat{l}^2$ -Cell Function in Chinese Type 2 Diabetes. BioMed Research International, 2014, 2014, 1-5.	0.9	10
139	Effects of correction of vitamin <scp>D</scp> insufficiency on serum osteocalcin and glucose metabolism in obese children. Clinical Endocrinology, 2014, 80, 516-523.	1.2	13
140	Ectopic calcification in diabetic vascular disease. Expert Opinion on Therapeutic Targets, 2014, 18, 595-609.	1.5	13
141	Prevalence of vitamin d deficiency among Indian menopausal women and its correlation with diabetes: A first Indian cross sectional data. Journal of Mid-Life Health, 2014, 5, 121.	0.4	18
142	Dietary vitamin D intake and risk of type 2 diabetes in the European Prospective Investigation into Cancer and Nutrition: the EPIC-InterAct study. European Journal of Clinical Nutrition, 2014, 68, 196-202.	1.3	15
143	Effects of 12weeks high dose vitamin D3 treatment on insulin sensitivity, beta cell function, and metabolic markers in patients with type 2 diabetes and vitamin D insufficiency – a double-blind, randomized, placebo-controlled trial. Metabolism: Clinical and Experimental, 2014, 63, 1115-1124.	1.5	113
144	Association of vitamin D and vitamin D receptor gene polymorphisms with chronic inflammation, insulin resistance and metabolic syndrome components in type 2 diabetic Egyptian patients. Meta Gene, 2014, 2, 540-556.	0.3	75
145	Study protocol: a randomised placebo-controlled clinical trial to s tu dy the effect of vitamin D supplemen tation on gly caemic control in type 2 Diabetes Mellitus SUNNY trial. BMC Endocrine Disorders, 2014, 14, 59.	0.9	12
146	Effects of vitamin <scp>D</scp> in skeletal muscle: falls, strength, athletic performance and insulin sensitivity. Clinical Endocrinology, 2014, 80, 169-181.	1.2	96
147	Vitamin D, inflammation, and relations to insulin resistance in premenopausal women with morbid obesity. Obesity, 2015, 23, 1591-1597.	1.5	17
148	Vitamin D supplementation for the prevention of type 2 diabetes in overweight adults: study protocol for a randomized controlled trial. Trials, 2015, 16, 335.	0.7	38
149	Is there a relationship between vitamin D with insulin resistance and diabetes mellitus?. World Journal of Diabetes, 2015, 6, 1057.	1.3	97
150	Protective role of dairy and its constituents on vascular function independent of blood pressure-lowering activities. Nutrition Reviews, 2015, 73, 36-50.	2.6	14

#	Article	IF	CITATIONS
151	The effects of calcitriol on albuminuria in patients with type 2 diabetes mellitus. International Journal of Diabetes in Developing Countries, 2015, 35, 418-423.	0.3	1
152	The role of telomeres and vitamin D in cellular aging and age-related diseases. Clinical Chemistry and Laboratory Medicine, 2015, 53, 1661-78.	1.4	44
153	Vitamin D intake associates with insulin resistance in type 2 diabetes, but not in latent autoimmune diabetes in adults. Nutrition Research, 2015, 35, 689-699.	1.3	9
154	Vitamin D Supplementation Ameliorates Hypoinsulinemia and Hyperglycemia in Static Magnetic Field–Exposed Rat. Archives of Environmental and Occupational Health, 2015, 70, 142-146.	0.7	6
155	Circadian rhythm of serum 25 (OH) vitamin D, calcium and phosphorus levels in the treatment and management of type-2 diabetic patients. Drug Discoveries and Therapeutics, 2015, 9, 70-74.	0.6	27
156	Effect of vitamin D supplementation on insulin kinetics and cardiovascular risk factors in polycystic ovarian syndrome: a pilot study. Endocrine Connections, 2015, 4, 108-116.	0.8	55
157	An inverse association between serum vitamin D levels with the presence and severity of impaired nerve conduction velocity and large fiber peripheral neuropathy in diabetic subjects. Neurological Sciences, 2015, 36, 1121-1126.	0.9	44
158	Vitamin D3 prevents the increase in ectonucleotidase activities and ameliorates lipid profile in type 1 diabetic rats. Molecular and Cellular Biochemistry, 2015, 405, 11-21.	1.4	9
159	Effect of vitamin D supplementation on glycemic control in patients with type 2 diabetes: a systematic review of interventional studies. Journal of Diabetes and Metabolic Disorders, 2015, 14, 3.	0.8	54
160	Effect of Vitamin D Supplementation on Glucose Control and Inflammatory Response in Type II Diabetes: A Double Blind, Randomized Clinical Trial. International Journal of Endocrinology and Metabolism, 2015, 13, e22604.	0.3	62
161	Vitamins and their derivatives in the prevention and treatment of metabolic syndrome diseases (diabetes) <sup>,</sup> . Canadian Journal of Physiology and Pharmacology, 2015, 93, 355-362.	0.7	35
162	Insulin secretion and sensitivity in healthy adults with low vitamin D are not affected by high-dose ergocalciferol administration: a randomized controlled trial. American Journal of Clinical Nutrition, 2015, 102, 385-392.	2.2	33
163	Effects of vitamin D on insulin secretion and glucose transporter GLUT2 under static magnetic field in rat. Environmental Science and Pollution Research, 2015, 22, 18011-18016.	2.7	7
164	Decreased serum vitamin D levels are associated with diabetic peripheral neuropathy in a rural area of Turkey. Acta Neurologica Belgica, 2015, 115, 47-52.	0.5	44
165	Fat and Bone: An Odd Couple. Frontiers in Endocrinology, 2015, 6, 190.	1.5	20
166	The cross-sectional relationships of dietary and serum vitamin D with cardiometabolic risk factors: Metabolic components, subclinical atherosclerosis, and arterial stiffness. Nutrition, 2016, 32, 1048-1056.e1.	1.1	18
167	Pharmacokinetics and effects of demographic factors on blood 25(OH)D3 levels after a single orally administered high dose of vitamin D3. Acta Pharmacologica Sinica, 2016, 37, 1509-1515.	2.8	16
168	A historic study that opened a new chapter in nutritional science. Acta Pharmacologica Sinica, 2016, 37, 1641-1644.	2.8	1

#	Article	IF	Citations
169	La vitamine D dans les affections métaboliques et cardiovasculaires. Effet réel ou effet de mode ?. Medecine Des Maladies Metaboliques, 2016, 10, 210-218.	0.1	6
171	Vitamin D deficiency is associated with high prevalence of diabetes in Kuwaiti adults: results from a national survey. BMC Public Health, 2016, 16, 100.	1.2	49
172	Effect of vitamin D on stress-induced hyperglycaemia and insulin resistance in critically ill patients. International Journal of Clinical Practice, 2016, 70, 396-405.	0.8	9
173	Vitamin D and insulin resistance. Clinical Endocrinology, 2016, 84, 159-171.	1.2	21
174	Effects of vitamin D repletion on glycemic control and inflammatory cytokines in adolescents with type 1 diabetes. Pediatric Diabetes, 2016, 17, 36-43.	1.2	31
175	No Effect of High-Dose Vitamin D Treatment on $\hat{I}^2$ -Cell Function, Insulin Sensitivity, or Glucose Homeostasis in Subjects With Abnormal Glucose Tolerance: A Randomized Clinical Trial. Diabetes Care, 2016, 39, 345-352.	4.3	48
176	Metabolic effects of vitamin D supplementation in vitamin D deficient patients (a double-blind clinical) Tj ETQq0 (	0 0 rgBT /0	Overlock 10 T
177	1,25-Dihydroxyvitamin D increases the gene expression of enzymes protecting from glucolipotoxicity in peripheral blood mononuclear cells and human primary endothelial cells. Food and Function, 2016, 7, 2537-2543.	2.1	4
178	Age and sex differences in the relationship between serum 25-hydroxyvitamin D and hypertension in the general Korean population. European Journal of Clinical Nutrition, 2016, 70, 326-332.	1.3	9
179	Clinical Trial of Vitamin D <sub>2</sub> vs D <sub>3</sub> Supplementation in Critically Ill Pediatric Burn Patients. Journal of Parenteral and Enteral Nutrition, 2017, 41, 412-421.	1.3	33
180	Effects of vitamin D supplementation on endothelial function: a systematic review and meta-analysis of randomised clinical trials. European Journal of Nutrition, 2017, 56, 1095-1104.	1.8	43
181	Vitamin D and pancreas: The role of sunshine vitamin in the pathogenesis of diabetes mellitus and pancreatic cancer. Critical Reviews in Food Science and Nutrition, 2017, 57, 3472-3488.	5.4	77
182	Potential role for the VDR agonist elocalcitol in metabolic control: Evidences in human skeletal muscle cells. Journal of Steroid Biochemistry and Molecular Biology, 2017, 167, 169-181.	1.2	26
183	Serum 25-hydroxyvitamin D is associated with incident peripheral artery disease among white and black adults in the ARIC study cohort. Atherosclerosis, 2017, 257, 123-129.	0.4	21
184	$1\hat{l}_{\pm}$ ,25-Dihydroxyvitamin D3 increases implant osseointegration in diabetic mice partly through FoxO1 inactivation in osteoblasts. Biochemical and Biophysical Research Communications, 2017, 494, 626-633.	1.0	23
185	Role of Vitamin D in the Pathogenesis of Diabetes. , 2017, , 107-119.		1
186	Vitamin D and type 2 diabetes. Practical Diabetes, 2017, 34, 19.	0.1	4
187	Physiological functions of Vitamin D in adipose tissue. Journal of Steroid Biochemistry and Molecular Biology, 2017, 165, 369-381.	1.2	228

#	Article	IF	CITATIONS
188	Effect of vitamin D supplementation on oral glucose tolerance in individuals with low vitamin D status and increased risk for developing type 2 diabetes (⟨scp⟩EVIDENCE⟨ scp⟩): A doubleâ€blind, randomized, placeboâ€controlled clinical trial. Diabetes, Obesity and Metabolism, 2017, 19, 133-141.	2.2	63
189	Pleiotropic Effects of Vitamin D in Kidney Disease. , 2017, , .		1
190	Serum Vitamin D and Its Upregulated Protein, Thioredoxin Interacting Protein, Are Associated With Beta-Cell Dysfunction in Adult Patients With Type 1 and Type 2 Diabetes. Canadian Journal of Diabetes, 2018, 42, 588-594.	0.4	20
191	Impact of vitamin D treatment on 25 hydroxy vitamin D levels and insulin homeostasis in obese African American adolescents in a randomized trial. Journal of Clinical and Translational Endocrinology, 2018, 12, 13-19.	1.0	13
192	Vitamin D and Diabetes Mellitus. Frontiers of Hormone Research, 2018, 50, 161-176.	1.0	68
193	Effect of oral vitamin D supplementation on glycemic control in patients with type 2 diabetes mellitus with coexisting hypovitaminosis D: A parellel group placebo controlled randomized controlled pilot study. Diabetes and Metabolic Syndrome: Clinical Research and Reviews, 2018, 12, 509-512.	1.8	34
194	Association between serum 25â€hydroxyvitamin D and glycated hemoglobin levels in type 2 diabetes patients with chronic kidney disease. Journal of Diabetes Investigation, 2018, 9, 375-382.	1.1	10
195	Polycystic Ovarian Syndrome. , 2018, , 361-369.e2.		0
196	Relationship of serum Vitamin D concentrations with Adipokines and Cardiometabolic risk among non-Hispanic black type 2 diabetic and non-diabetic subjects: a cross-sectional study. BMC Nutrition, 2018, 4, 50.	0.6	2
197	A double blind randomized clinical trial to investigate the effect of vitamin D supplementation on metabolic and hepato-renal markers in type 2 diabetes and obesity. Medical Journal of the Islamic Republic of Iran, 2018, 32, 201-204.	0.9	9
198	Evaluating Vitamin D Status in Pre- and Postmenopausal Type 2 Diabetics and Its Association with Glucose Homeostasis. BioMed Research International, 2018, 2018, 1-12.	0.9	24
199	Magnitude of benefit of vitamin D supplementation and the stage of impaired glucose metabolism: Area for future studies. Diabetes Research and Clinical Practice, 2019, 155, 107794.	1.1	0
200	Nutritional Strategies to Combat Type 2 Diabetes in Aging Adults: The Importance of Protein. Frontiers in Nutrition, 2019, 6, 138.	1.6	25
201	1,25-Dihydroxy vitamin D3 treatment attenuates osteopenia, and improves bone muscle quality in Goto-Kakizaki type 2 diabetes model rats. Endocrine, 2019, 64, 184-195.	1.1	6
202	Analysis of Association between Vitamin D Deficiency and Insulin Resistance. Nutrients, 2019, 11, 794.	1.7	180
203	Diabetic regulation of subjects with type 2 diabetes mellitus is associated with serum vitamin D levels. Revista Da Associação Médica Brasileira, 2019, 65, 51-55.	0.3	25
204	Calcium Signaling in ß-cell Physiology and Pathology: A Revisit. International Journal of Molecular Sciences, 2019, 20, 6110.	1.8	56
205	The effect of co supplementation of omega-3 and vitamin D on cardio metabolic risk factors and psychological distress in reproductive-aged women with prediabetes and hypovitaminosis D: a study protocol for a randomized controlled trial. Trials, 2019, 20, 799.	0.7	5

#	Article	IF	CITATIONS
206	Association of vitamin d with glycemic control in Saudi patients with type 2 diabetes: A retrospective chart review study in an emerging university hospital. Journal of Clinical Laboratory Analysis, 2020, 34, e23048.	0.9	15
207	The role of yoghurt consumption in the management of type II diabetes. Food and Function, 2020, 11, 10306-10316.	2.1	9
208	The Molecular Mechanisms by Which Vitamin D Prevents Insulin Resistance and Associated Disorders. International Journal of Molecular Sciences, 2020, 21, 6644.	1.8	93
209	Role of Fluid Milk in Attenuating Postprandial Hyperglycemia and Hypertriglyceridemia. Nutrients, 2020, 12, 3806.	1.7	7
210	Vitamin D supplementation improves SIRT1, Irisin, and glucose indices in overweight or obese type 2 diabetic patients: a double-blind randomized placebo-controlled clinical trial. BMC Family Practice, 2020, 21, 26.	2.9	54
211	1,25-Dihydroxyvitamin D attenuates diabetic cardiac autophagy and damage by vitamin D receptor-mediated suppression of FoxO1 translocation. Journal of Nutritional Biochemistry, 2020, 80, 108380.	1.9	24
212	A high prevalence of prediabetes and vitamin D deficiency are more closely associated in women: results of a cross-sectional study. Journal of International Medical Research, 2021, 49, 030006052110333.	0.4	2
213	Vitamin D and nonalcoholic fatty liver disease in children: a randomized controlled clinical trial. European Journal of Pediatrics, 2022, 181, 579-586.	1.3	13
214	Efficacy of supplementary vitamin D on improvement of glycemic parameters in patients with type 2 diabetes mellitus; a randomized double blind clinical trial. Journal of Renal Injury Prevention, 2014, 3, 31-4.	0.6	37
215	Role or Synergistic Interaction of Adenosine and Vitamin D3 Alongside High-Intensity Interval Training and Isocaloric Moderate Intensity Training on Metabolic Parameters: Protocol for an Experimental Study. JMIR Research Protocols, 2019, 8, e10753.	0.5	6
216	Hypovitaminosis D associations with adverse metabolic parameters are accentuated in patients with Type 2 diabetes mellitus: a body mass index-independent role of adiponectin?. Journal of Endocrinological Investigation, 2013, 36, 1-6.	1.8	32
217	Low levels of serum Vitamin D in chronic periodontitis patients with type 2 diabetes mellitus: A hospital-based cross-sectional clinical study. Journal of Indian Society of Periodontology, 2015, 19, 501.	0.3	16
218	Effect of Vitamin D supplementation on glycemic control in Type 2 diabetes subjects in Lagos, Nigeria. Indian Journal of Endocrinology and Metabolism, 2016, 20, 189.	0.2	19
219	Evaluation of HbA1C and serum levels of vitamin D in diabetic patients. Journal of Family Medicine and Primary Care, 2018, 7, 1314.	0.3	10
220	Vitamin D deficiency in chronic liver disease. World Journal of Hepatology, 2014, 6, 901.	0.8	83
221	Association of Vitamin D deficiency and Vitamin D Receptor Gene Polymorphisms with Type 2 diabetes mellitus Saudi patients. African Health Sciences, 2020, 19, 2812-2818.	0.3	7
222	Effect of Therapeutic Dose of Vitamin D on Serum Adiponectin and Glycemia in Vitamin D-Insufficient or Deficient Type 2 Diabetic patients. Iranian Red Crescent Medical Journal, 2014, 16, e21458.	0.5	27
223	Vitamin D and Diabetes. , 2005, , 1763-1778.		0

#	Article	IF	CITATIONS
225	Effect of Photoprotection on Vitamin D and Health. Basic and Clinical Dermatology, 2008, , 117-138.	0.1	0
226	Vitamin D Deficiency in Pregnancy and Lactation and Health Consequences. , 2010, , 615-631.		0
227	Health Disparities and Vitamin D. , 2010, , 401-424.		0
228	New Insight into the Action of Vitamin D. Korean Journal of Family Medicine, 2011, 32, 89.	0.4	11
229	Vitamins and Bioactive Substances. , 2012, , 53-68.		0
230	Polycystic Ovarian Syndrome. , 2012, , 345-352.e2.		0
231	Vitamin D deficiency and youth-onset diabetes in North India. Arquivos Brasileiros De Endocrinologia E Metabologia, 2013, 57, 159-160.	1.3	1
232	Pathophysiology of Metabolic Syndrome: Part lâ€"Inuence of Adiposity and Insulin Resistance. , 2015, , 36-51.		0
233	Role of Vitamin D in the Pathogenesis of Diabetes. , 2016, , 1-13.		1
234	D vitamini ve Tip 2 diyabet. Turkish Journal of Public Health, 2016, 14, 167-167.	0.5	0
235	Impact of Vitamin D Deficiency on Cognitive Functions in Type 2 Diabetic Patients. Acta Endocrinologica, 2017, 13, 410-416.	0.1	3
236	3. Vitamin D and cardiovascular disease. Human Health Handbooks, 2017, , 49-75.	0.1	0
237	Correlations of Serum Vitamin D with Metabolic Parameters in Adult Outpatients with Different Degrees of Overweight / Obesity Coming from an Urban Community. Acta Endocrinologica, 2018, 14, 375-383.	0.1	3
238	Association of obesity with vitamin D, C-reactive protein, blood group and hemogram parameters. Ortadoğu Tıp Dergisi, 2018, 10, 20-25.	0.1	2
239	Insulin Resistance, Chronic Inflammation and the Link with Immunosenescence., 2009,, 1247-1272.		0
240	Vitamin D and diabetes: improvement of glycemic control with vitamin D3 repletion. Canadian Family Physician, 2008, 54, 864-6.	0.1	34
242	The Effects of Vitamin D Supplementation on Glucose Control and Insulin Resistance in Patients with Diabetes Type 2: A Randomized Clinical Trial Study. Iranian Journal of Public Health, 2014, 43, 1651-6.	0.3	31
243	The Immunologic Profile of Vitamin D and Its Role in Different Immune-Mediated Diseases: An Expert Opinion. Nutrients, 2022, 14, 473.	1.7	13

#	Article	IF	CITATIONS
244	A Narrative Review of the Evidence for Variations in Serum 25-Hydroxyvitamin D Concentration Thresholds for Optimal Health. Nutrients, 2022, 14, 639.	1.7	42
245	Characterizing progressive beta-cell recovery after new-onset DKA in COVID-19 provoked A- $\hat{l}^2$ + KPD (ketosis-prone diabetes): A prospective study from Eastern India. Journal of Diabetes and Its Complications, 2022, 36, 108100.	1.2	15
246	Serum Vitamin D Levels in Relation to Hypertension and Pre-hypertension in Adults: A Systematic Review and Dose–Response Meta-Analysis of Epidemiologic Studies. Frontiers in Nutrition, 2022, 9, 829307.	1.6	9
247	Serum, Dietary, and Supplemental Vitamin D Levels and Insulin Resistance in 6294 Randomly Selected, Non-Diabetic U.S. Adults. Nutrients, 2022, 14, 1844.	1.7	5
248	Serum 25(OH)D Levels Modify the Association between Triglyceride and IR: A Cross-Sectional Study. International Journal of Endocrinology, 2022, 2022, 1-8.	0.6	2
249	Early pregnancy vitamin D insufficiency and gestational diabetes mellitus. Journal of Obstetrics and Gynaecology Research, 2022, 48, 2353-2362.	0.6	2
250	Benefits of Vitamin D Supplementation on Pregnancy of Rats with Pregestational Diabetes and Their Offspring. Reproductive Sciences, 0, , .	1.1	2
251	The correlation of vitamin D with HOMA-IR and glycated hemoglobin in type 2 diabetes mellitus patients. Baghdad Journal of Biochemistry and Applied Biological Sciences, 0, , .	0.4	0
252	What is the impact of vitamin D supplementation on glycemic control in people with type-2 diabetes: a systematic review and meta-analysis of randomized controlled trails. BMC Endocrine Disorders, 2023, 23, .	0.9	10