

**Chronic Kidney Disease (CKD) Evidence Based Nutrition Practice Guideline
Comparison Table**

KDOQI -CKD Recommendations (2010) Population: Adults with Chronic Kidney Disease not on dialysis (stages 1-5, including post-transplantation)	CKD Recommendations (2020) Population: Adults with Chronic Kidney Disease (CKD stages 1-5, including dialysis and post-kidney transplant)	Summary of Changes
SCREENING AND REFERRAL		
CKD: Medical Nutrition Therapy		Updated and covered under other subtopics.
CKD: Initiation of Medical Nutrition Therapy		Updated and covered under other subtopics.
CKD: Frequency of Medical Nutrition Therapy		Updated and covered under other subtopics.
	CKD: Routine Nutrition Screening	New.
	CKD: Nutrition Screening Tools	New.
NUTRITION ASSESSMENT		
CKD: Initial Assessment of Food/Nutrition-Related History	CKD: Routine Nutrition Assessment	Updated and covered under a new recommendation.
CKD: Reassessment of Food/Nutrition-Related History	CKD: Routine Nutrition Assessment	Updated and covered under a new recommendation.

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CKD: Use Clinical Judgment in Assessing Body Weight	CKD: Assessment of Body Weight CKD: Body Mass Index (BMI) as a Predictor of Mortality CKD: BMI and Protein-Energy Wasting (PEW)	Updated and covered under a new recommendation.
CKD: Use Published Weight Norms with Caution	CKD: Assessment of Body Weight CKD: Body Mass Index (BMI) as a Predictor of Mortality CKD: BMI and Protein-Energy Wasting (PEW)	Updated and covered under a new recommendation.
CKD: Assessment of Body Composition	CKD: Body Composition and Body Weight/BMI CKD: Frequency of Body Weight/BMI and Body Composition Assessment	Updated.
CKD: Methodologies for Body Composition Assessment	CKD: Bioelectrical Impedance for Patients on Maintenance Hemodialysis (MHD) CKD: Bioelectrical Impedance for CKD Patients Not on Dialysis or on Peritoneal Dialysis (PD)	Updated and New recommendation statements added.

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	CKD: Dual-Energy X-Ray Absorptiometry (DXA) for Body Composition Assessment CKD: Skinfold Thickness CKD: Waist Circumference	
CKD: Assess Biochemical Parameters	CKD: Single Biomarker Measurements CKD: Serum Albumin Levels	Updated.
CKD: Assess CKD-Mineral and Bone Disorders	CKD: Routine Nutrition Assessment CKD: Dual-Energy X-Ray Absorptiometry (DXA) for Body Composition Assessment	Covered under multiple Nutrition Assessment recommendations.
CKD: Assessment of Medical/Health History	CKD: Routine Nutrition Assessment	Updated.
None.	CKD: Conicity Index	New.
None.	CKD: Creatinine Kinetics	New.

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None.	CKD: Statement on Handgrip Strength	New.
None.	CKD: Statements on Methods to Assess Energy Requirements: <ul style="list-style-type: none"> - CKD: Assessment of Resting Energy Expenditure - CKD: Resting Energy Expenditure Equations 	New.
None.	CKD: Statements on Composite Nutritional Indices: <ul style="list-style-type: none"> - CKD: 7-Point Subjective Global Assessment (SGA) - CKD: Malnutrition Inflammation Score (MIS) 	New.
None.	CKD: Statements on Tools/Methods Used to Assess Protein and Calorie Intake: <ul style="list-style-type: none"> - CKD: Considerations When Assessing Dietary Intake - CKD: 3-Day Food Records to Assess Dietary Intake - CKD: Alternative Methods of Assessing Dietary 	New.

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	<p align="center">Intake</p>	
<p>NUTRITION INTERVENTION</p>		
<p>None.</p>	<p>CKD: Statements of MNT</p> <ul style="list-style-type: none"> - CKD: MNT to Improve Outcomes - CKD: MNT Content - CKD: MNT Monitoring and Evaluation 	<p>New and Updated statements.</p>
<p>CKD: Protein Intake for eGFR <50ml per minute per 1.73m²</p> <p>CKD: Very-Low-Protein Intake for eGFR <20ml per minute per 1.73m²</p> <p>CKD: Protein Intake for Diabetic Nephropathy</p> <p>CKD: Protein Intake for Diabetic Nephropathy</p> <p>CKD: Protein Intake for Kidney Transplant</p>	<p>CKD: Statements on Protein Amount</p> <ul style="list-style-type: none"> - CKD: Protein Restriction, CKD Patients Not on Dialysis and Without Diabetes - CKD: Protein Restriction, CKD Patients Not on Dialysis and With Diabetes - CKD: Dietary Protein Intake, Maintenance 	<p>Updated.</p>

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	<p align="center">Hemodialysis and Peritoneal Dialysis Patients Without Diabetes</p> <ul style="list-style-type: none"> - CKD: Dietary Protein Intake, Maintenance Hemodialysis and Peritoneal Dialysis Patients With Diabetes 	
CKD: Energy Intake	CKD: Statement on Energy Intake	Updated.
None.	CKD: Statement on Protein Type	New.
None.	CKD: Statement on Dietary Patterns <ul style="list-style-type: none"> - CKD: Mediterranean Diet - CKD: Fruits and Vegetables 	New.
None.	CKD: Oral, Enteral, and Intradialytic Parenteral Nutrition Supplementation <ul style="list-style-type: none"> - CKD: Oral Protein Supplementation 	New.

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	<ul style="list-style-type: none"> - CKD: Enteral Nutrition Supplementation - CKD: Total Parenteral Nutrition (TPN) and Interdialytic Parenteral Nutrition (IDPN) Protein-Energy Supplementation. 	
None.	CKD: Nutrition Supplementation- Dialysate <ul style="list-style-type: none"> - CKD: Dialysate Protein-Energy Supplementation 	New.
CKD: Fish Oil/Omega-3 Fatty Acids	CKD: Long Chain Omega-3 Polyunsaturated Fatty Acids (LC n-3 PUFA) <ul style="list-style-type: none"> - CKD: LC n-3 PUFA Nutritional Supplements for Mortality and Cardiovascular Disease - CKD: LC n-3 PUFA Nutritional Supplements for Lipid Profile - CKD: LC n-3 PUFA Nutritional Supplements for AV Graft and Fistula Patency 	Updated.

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	<ul style="list-style-type: none"> - CKD: LC n-3 PUFA Nutritional Supplements for Kidney Allograft Survival 	
CKD: Phosphorus	CKD: Phosphorus <ul style="list-style-type: none"> - CKD: Dietary Phosphorus Amount - CKD: Dietary Phosphorus Source - CKD: Phosphorus Intake with Hypophosphatemia 	Updated.
CKD: Adjust Phosphate Binders	CKD: Phosphorus <ul style="list-style-type: none"> - CKD: Dietary Phosphorus Amount - CKD: Dietary Phosphorus Source - CKD: Phosphorus Intake with Hypophosphatemia 	Updated.
CKD: Calcium	CKD: Total Calcium Intake	Updated.
CKD: Vitamin D Supplementation	CKD: Vitamin D	Updated.

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	<ul style="list-style-type: none"> - CKD: Vitamin D Supplementation for Vitamin D Deficiency and Insufficiency - CKD: Vitamin D Supplementation With Proteinuria 	
CKD: Iron Supplementation	None.	Did not find any appropriate evidence to report on this.
CKD: Vitamin B12 and Folic Acid for Anemia	CKD: Folic Acid <ul style="list-style-type: none"> - CKD: Folic Acid Supplementation for Hyperhomocysteinemia - CKD: Folic Acid Supplementation for Folic Acid Deficiency and Insufficiency 	
CKD: Vitamin C for Treatment of Anemia	CKD: Vitamin C Supplementation	Updated.
CKD: L-Carnitine for Treatment of Anemia		Not Reviewed.
CKD: Management of Hyperglycemia in Diabetes and CKD		No new statements but concept has been addressed in appropriate intervention statements.

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CKD: Multi-Faceted Approach to Intervention in Diabetes and CKD		No new statements but concept has been addressed in appropriate intervention statements.
CKD: Multi-Faceted Approach to Intervention in Dyslipidemias and CKD		No new statements but concept has been addressed in appropriate intervention statements.
CKD: Education on Self-Management Behaviors		Not reviewed.
CKD: Control Sodium Intake in CKD	CKD: Sodium <ul style="list-style-type: none"> - CKD: Sodium Intake and Blood Pressure - CKD: Sodium Intake and Proteinuria - CKD: Sodium Intake and Dry Body Weight 	
CKD: Physical Activity		Not reviewed.
CKD: Coordination of Care		Not individually reviewed but has been addressed in MNT recommendations.
CKD: Multivitamin Supplementation	CKD: Micronutrient Assessment and Supplementation	Updated.

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	CKD: Micronutrient Supplementation, Dialysis	
CKD: Control Potassium Intake in CKD	CKD: Potassium <ul style="list-style-type: none"> - CKD: Dietary Potassium Amount - CKD: Dietary and Supplemental Potassium Intake for Hyperkalemia or Hypokalemia 	Updated.
None.	CKD: Acid Load <ul style="list-style-type: none"> - CKD: Dietary Management of Net Acid Production (NEAP) - CKD: Bicarbonate Maintenance 	New.
	CKD: Dietary Micronutrient Intake	New.
	CKD: Vitamin E and A <ul style="list-style-type: none"> - CKD: Vitamins A and E Supplementation and Toxicity 	New.

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	CKD: Vitamin K - CKD: Anticoagulant Medication and Vitamin K Supplementation	New.
	CKD: Trace Minerals- Selenium and Zinc - CKD: Selenium and Zinc Supplementation	New.
NUTRITION MONITORING AND EVALUATION		
CKD: Monitor and Evaluate Biochemical Parameters	CKD: MNT Monitoring and Evaluation	Not individually reviewed but has been addressed in Assessment recommendations and MNT recommendations.
CKD: Monitor and Evaluate Adherence to Nutrition and Lifestyle Recommendations	CKD: MNT Monitoring and Evaluation	Not individually reviewed but has been addressed in Assessment and MNT recommendations.