

Metabolic Day

May 2022

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Systematic Reviews

Akhlaghi M, Ghasemi-Nasab M, Riasatian M. [Mediterranean diet for patients with non-alcoholic fatty liver disease, a systematic review and meta-analysis of observational and clinical investigations](#). J Diabetes Metab Disord. 2020.

CADTH. [Screening for Hepatitis C: A review](#). Ottawa: CADTH. 2015.

Che T, Yan C, Tian D, Zhang X, Liu X, Wu Z. [The Association Between Sleep and Metabolic Syndrome: A Systematic Review and Meta-Analysis](#). Front Endocrinol (Lausanne). 2021.

Ghadimi M, Mohammadi R, Daneshzad E, Moazzami B, Mohammadi Z, Ghadimi M, Mohammadi R, Daneshzad E, Moazzami B, Mohammadpour Z. [Effectiveness of dietary interventions on cardio-metabolic risk factors in patients with nonalcoholic fatty liver disease: a systematic review and meta-analysis of randomized controlled trials](#). Ann Gastroenterol. 2021.

Ghulam A, Bonaccio M, Costanzo S, Bracone F, Gianfagna F, Iacoviello L. [Psychological resilience, cardiovascular disease, and metabolic disturbances: A systematic review](#). Front Psychol. 2022.

Kaze A, Zhuo M, Kim S, Patorno E, Paik J. [Association of SGLT2 inhibitors with cardiovascular, kidney, and safety outcomes among patients with diabetic kidney disease: a meta-analysis](#). Cardiovasc Diabetol. 2022.

Systematic Reviews cont'd

Kim S, Anh N, Jung C, Long N, Park S, Cho Y, et al. [Metabolic and cardiovascular benefits of Apple and Apple-derived products: A systematic review and meta-analysis of randomized controlled trials](#). Front Nutr. 2022.

Mayrink J, Leite D, Nobrega G, Costa M, Cecatti J. [Prediction of pregnancy-related hypertensive disorders using metabolomics: A systematic review](#). BMJ Open. 2022.

Meixiong J, Ricco C, Vasavda, Ho B. [Diet and acne: A systematic review](#). JAAD Int. 2022.

Rico-Martín S, Calderón-García JF, Basilio-Fernández B, Clavijo-Chamorro MZ, Sánchez Muñoz-Torrero JF. [Metabolic Syndrome and Its Components in Patients with COVID-19: Severe Acute Respiratory Syndrome \(SARS\) and Mortality. A Systematic Review and Meta-Analysis](#). J Cardiovasc Dev Dis. 2021.

Suglo J, Winkley K, Sturt J. [Prevention and management of diabetes-related foot ulcers through informal caregiver involvement: A systematic Review](#). J Diabetes Res. 2022.

Xia T, Zhao F, Nianogo R. [Interventions in hypertension: Systematic review and meta-analysis of natural and quasi-experiments](#). Clin Hypertens. 2022.

Wang M, Liu J, Zhang Z, Zang H, Wang N, Chen X, et al. [Effects of dietary intervention on inflammatory markers in Metabolic Syndrome: A systematic review and meta-analysis](#). Front Nutr. 2022.

Wei Q, Xu X, Guo L, Li J, Li L. [Effect of SGLT2 Inhibitors on Type 2 Diabetes Mellitus With Non-Alcoholic Fatty Liver Disease: A Meta-Analysis of Randomized Controlled Trials](#). Front Endocrinol (Lausanne). 2021.

Yang S, Wei H, Zhao L, Mi Y. [Association between use of sodium-glucose cotransporter 2 inhibitors, glucagon-like peptide 1 agonists, and dipeptidyl peptidase 4 inhibitors with kidney outcomes in patients with type 2 diabetes: A systematic review and network meta-analysis](#). PLoS One. 2022.

Yuan X, Wang J, Yang S, Gao M, Cao L, Li X, et al. [Effect of intermittent fasting diet on glucose and lipid metabolism and insulin resistance in patients with impaired glucose and lipid metabolism: A systematic review and meta-analysis](#). Int J Endocrinol. 2022.

Zheng H, Liu M, Li S, Shi Q, Zhang S, Zhou Y, et al. [Sodium-Glucose Co-Transporter-2 Inhibitors in Non-Diabetic Adults With Overweight or Obesity: A Systematic Review and Meta-Analysis](#). Front Endocrinol (Lausanne). 2021.

Zhou Q, Wang Y, Han X, Fu S, Zhu C, Chen Q. [Efficacy of resveratrol supplementation on glucose and lipid metabolism: A meta-analysis and systematic review](#). Front Physiol. 2022.



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CADTH Reports

[Behavior-based Primary-Care Interventions for the Prevention of Overweight and Obesity in Children.](#) 2021.

[Flash Glucose Monitoring System for People with Type 1 or Type 2 Diabetes.](#) 2019.

[Newer Drugs for Type 2 Diabetes: An Emerging Adjunctive Therapy to Insulin for Type 1 Diabetes?](#) 2021.

[Nonsteroidal Anti-Inflammatory Drugs and Hypertension: Safety.](#) 2019.

[PCSK9 Inhibitor Monoclonal Antibodies for the Treatment of Hypercholesterolemia.](#) 2021.

[Pharmacological Interventions for Weight Loss in Children with Overweight or Obesity.](#) 2021.

[Recognition and Diagnosis of Sepsis in Adults: A Review of Evidence-Based Guidelines.](#) 2017.

[Renal Denervation for People with Hypertension.](#) 2022.

[Sodium-Glucose Cotransporter 2 Inhibitors for the Treatment of Diabetic Nephropathy: A Review of Clinical Effectiveness.](#) 2019.

[A Transdermal Glucagon Patch for Severe Hypoglycemia.](#) 2019.

[Vagal Nerve Blockade for Obesity: VBLOC Therapy Using the Maestro RC2 Device.](#) 2021.

[Wearable Artificial Kidneys for End-Stage Kidney Disease.](#) 2022.

Contact Us

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Guidelines

Associazione Italiana per lo Studio del Fegato (AISF), et al. [Non-alcoholic fatty liver disease in adults 2021: A clinical practice guideline.](#) Dig Liver Dis. 2022.

BC Centre for Disease Control. [Clinical guidance on COVID-19 Vaccines for people with metabolically unstable inborn errors of metabolism.](#) 2022.

Bible K, Kebebew E, Brierley J, Brito J, Cabanillas M, Clark T, et al. [2021 American Thyroid Association Guidelines for Management of Patients with Anaplastic Thyroid Cancer.](#) Thyroid. 2021.

de Boer I, Caramori M, Chan J, Heerspink H, Hurst C, Khunti K, et al. [Executive summary of the 2020 KDIGO Diabetes Management in CKD Guideline: evidence-based advances in monitoring and treatment.](#) Kidney Int. 2020.

Hamid S, Alvares da Silva M, Burak K, Chen T, Drenth J, Esmat G, et al. [WGO Guidance for the Care of Patients With COVID-19 and Liver Disease.](#) J Clin Gastroenterol. 2021.

Kang SH, Lee HW, Yoo JJ, Cho Y, Kim SU, Lee TH, et al. [KASL clinical practice guidelines: Management of nonalcoholic fatty liver disease.](#) Clin Mol Hepatol. 2021.

Kumbhari V, Cummings D, Kalloo A, Schauer P. [AGA Clinical Practice Update on Evaluation and Management of Early Complications After Bariatric/Metabolic Surgery: Expert Review.](#) Clin Gastroenterol Hepatol. 2021.

LeRoith D, Biessels G, Braithwaite S, Casanueva F, Draznin B, Halter J, et al. [Treatment of Diabetes in Older Adults: An Endocrine Society* Clinical Practice Guideline.](#) J Clin Endocrinol Metab. 2019.

Rabi D, McBrien K, Sapir-Pichhadze R, Nakhla M, Ahmed S, Dumanski S, et al. [Hypertension Canada's 2020 comprehensive guidelines for the prevention, diagnosis, risk assessment, and treatment of hypertension in adults and children.](#) Can J Cardiol. 2020.

Guidelines cont'd

van Trotsenburg P, Stoupa A, Léger J, Rohrer T, Peters C, Fugazzola L, et al. [Congenital Hypothyroidism: A 2020-2021 Consensus Guidelines Update-An ENDO-European Reference Network Initiative Endorsed by the European Society for Pediatric Endocrinology and the European Society for Endocrinology.](#) Thyroid. 2021.

Wharton S, Lau D, Vallis M, Sharma A, Biertho L, Campbell-Scherer D, et al. [Obesity in adults: a clinical practice guideline.](#) CMAJ. 2020.

Literature Searches:

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