

NEWS & VIEWS REFERENCES

Inflammation Reduced After 5% Weight Loss: Montefusco L, D'Addio F, Loretelli, C, Ben Nasr M, Garziano M, Rossi A, Pastore I, Plebani L, Lunati ME, Bolla AM, Porta MD, Piuri G, Rocchio F, Abdelsalam A, Assi E, Barichella M, Maestroni A, Usuelli V, Loreggian L, Muzio F, Zuccotti GV, Cazzola R & Fiorina P. Anti-inflammatory effects of diet and caloric restriction in metabolic syndrome. *Journal of Endocrinological Investigation*, March 8, 2021. PMID: 33686615

CVA Risk Higher in COVID-19

1. American Heart Association. Stroke risk higher than expected among COVID-19 patients. *ScienceDaily*. ScienceDaily, 19 March 2021. www.sciencedaily.com/releases/2021/03/210319125528.htm
2. Eskandar EN, Altschul DJ, de La Garza Ramos R, Cezayirli P, Unda SR, Benton J, Dardick J, Toma A, Patel N, Malaviya A, Flomenbaum D, Fernandez-Torres J, Lu J, Holland R, Burchi E, Zampolin R, Hsu K, McClelland A, Burns J, Erdfarb A, Malhotra R, Gong M, Semczuk P, Ferastraoaru V, Rosengard J, Antoniello D, Labovitz D, Esenwa C, Milstein M, Boro A, Mehler MF. Neurologic Syndromes Predict Higher In-Hospital Mortality in COVID-19. *Neurology*, Dec. 18, 2020; DOI: 10.1212/WNL.0000000000011356
3. Radiological Society of North America. Diabetes, hypertension may increase risk of COVID-19 brain complications. sciencedaily.com/releases/2020/11/201118080756.htm (March 20, 2021).

Diabetic Foot Ulcer Hospitalisations Accelerating in Younger People: Hamilton EJ, Davis WA, Siru R, Baba M, Norman PE and Davis TME. Temporal Trends in Incident Hospitalization for Diabetes-Related Foot Ulcer in Type 2 Diabetes: The Fremantle Diabetes Study. *Diabetes Care* 2021 Mar; 44(3): 722-730. <https://doi.org/10.2337/dc20-1743>

Testosterone and Diabetes Remission

1. Swerdloff RS, Male Hypogonadism—Natural History and Prevalence in Men with Diabetes. American Diabetes Association Presentation at 77th Congress Scientific Sessions.
2. Haider KS, Haider A, Saad F, Doros G, Hanefeld M, Dhindsa S, Dandona P, Traish A. Remission of type 2 diabetes following long-term treatment with injectable testosterone undecanoate in patients with hypogonadism and type 2 diabetes: 11-year data from a real-world registry study. *Diabetes, Obesity and Metabolism* <https://doi.org/10.1111/dom.14122>
3. Jung JH, Kim HW, Narayan V, Reddy B, Walsh T, Yu HS, Lim JS, Kim MH, Dahm P. Testosterone supplementation in men with sexual dysfunction. Cochrane Library Protocol – Intervention doi.org/10.1002/14651858.CD013071

β-cells of All Ages Work Together for Islet Resilience: Nasteska D, Fine NHF, Ashford FB, Cuozzo F, Viloria K, Smith G, Dahir A, Dawson PWJ, Lai Y-C, Bastidas-Ponce A, Bakhti M, Rutter GA, Fancette R, Nano R, Lorenzo Piemonti A, Lickert H, Zhou Q, Akerman I and Hodson DJ. PDX1LOW MAFALOW β-cells contribute to islet function and insulin release, *Nature Communications*, January 2021. <https://doi.org/10.1038/s41467-020-20632-z>

FEATURE REFERENCES

p8-12 Vascular dementia and diabetes

1. Neuropathology Group. Medical Research Council Cognitive F, Aging S. Pathological correlates of late-onset dementia in a multicentre, community-based population in England and Wales. Neuropathology Group of the Medical Research Council Cognitive Function and Ageing Study (MRC CFAS). *Lancet*. 2001;357(9251):169-75.
2. Schneider JA, Arvanitakis Z, Bang W, Bennett DA. Mixed brain pathologies account for most dementia cases in community-dwelling older persons. *Neurology*. 2007;69(24):2197-204.
3. van der Flier WM, Skoog I, Schneider JA, Pantoni L, Mok V, Chen CLH, et al. Vascular cognitive impairment. *Nat Rev Dis Primers*. 2018;4:18003.

February 2021 References

p8-12 Vascular dementia and diabetes - Cont'd

4. Gorelick PB, Scuteri A, Black SE, Decarli C, Greenberg SM, Iadecola C, et al. Vascular contributions to cognitive impairment and dementia: a statement for healthcare professionals from the american heart association/american stroke association. *Stroke.* 2011;42(9):2672-713.
5. Kim JH, Go SM, Seo SW, Kim SH, Chin J, Moon SY, et al. Survival in Subcortical Vascular Dementia: Predictors and Comparison to Probable Alzheimer's Disease in a Tertiary Memory Clinic Population. *Dement Geriatr Cogn Disord.* 2015;40(3-4):210-21.
6. Kua EH, Ho E, Tan HH, Tsoi C, Thng C, Mahendran R. The natural history of dementia. *Psychogeriatrics.* 2014;14(3):196-201.
7. ABS. Causes of Death, Australia, 2019. 2020.
8. Brown LH, Erick ; La, Hai Anh. Economic Cost of Dementia in Australia 2016-2056: Report prepared for Alzheimer's Australia. 2017.
9. Welfare AloHa. Dementia in Australia. 2012. Report No.: AGE 70.
10. Arvanitakis Z, Capuano AW, Leurgans SE, Bennett DA, Schneider JA. Relation of cerebral vessel disease to Alzheimer's disease dementia and cognitive function in elderly people: a cross-sectional study. *Lancet Neurol.* 2016;15(9):934-43.
11. Lu FP, Lin KP, Kuo HK. Diabetes and the risk of multi-system aging phenotypes: a systematic review and meta-analysis. *PLoS One.* 2009;4(1):e4144.
12. Biessels GJ, Deary IJ, Ryan CM. Cognition and diabetes: a lifespan perspective. *Lancet Neurol.* 2008;7(2):184-90.
13. Satizabal CL, Beiser AS, Chouraki V, Chene G, Dufouil C, Seshadri S. Incidence of Dementia over Three Decades in the Framingham Heart Study. *N Engl J Med.* 2016;374(6):523-32.
14. Biessels GJ, Staekenborg S, Brunner E, Brayne C, Scheltens P. Risk of dementia in diabetes mellitus: a systematic review. *Lancet Neurol.* 2006;5(1):64-74.
15. Crane PK, Walker R, Hubbard RA, Li G, Nathan DM, Zheng H, et al. Glucose levels and risk of dementia. *N Engl J Med.* 2013;369(6):540-8.
16. Ahtiluoto S, Polvikoski T, Peltonen M, Solomon A, Tuomilehto J, Winblad B, et al. Diabetes, Alzheimer disease, and vascular dementia: a population-based neuropathologic study. *Neurology.* 2010;75(13):1195-202.
17. Murray AM, Hsu FC, Williamson JD, Bryan RN, Gerstein HC, Sullivan MD, et al. ACCORDION MIND: results of the observational extension of the ACCORD MIND randomised trial. *Diabetologia.* 2017;60(1):69-80.
18. Sachdev PS, Brodaty H, Valenzuela MJ, Lorentz L, Looi JC, Wen W, et al. The neuropsychological profile of vascular cognitive impairment in stroke and TIA patients. *Neurology.* 2004;62(6):912-9.
19. Schober AK, Neurath MF, Harsch IA. Prevalence of sleep apnoea in diabetic patients. *Clin Respir J.* 2011;5(3):165-72.
20. Dyer SM, Laver K, Pond CD, Cumming RG, Whitehead C, Crotty M. Clinical practice guidelines and principles of care for people with dementia in Australia. *Aust Fam Physician.* 2016;45(12):884-9.
21. Jagust WJ, Zheng L, Harvey DJ, Mack WJ, Vinters HV, Weiner MW, et al. Neuropathological basis of magnetic resonance images in aging and dementia. *Ann Neurol.* 2008;63(1):72-80.
22. Brown RK, Bohnen NI, Wong KK, Minoshima S, Frey KA. Brain PET in suspected dementia: patterns of altered FDG metabolism. *Radiographics.* 2014;34(3):684-701.
23. Wallin A, Kapaki E, Boban M, Engelborghs S, Hermann DM, Huisa B, et al. Biochemical markers in vascular cognitive impairment associated with subcortical small vessel disease - A consensus report. *BMC Neurol.* 2017;17(1):102.
24. de Brujin RF, Bos MJ, Portegies ML, Hofman A, Franco OH, Koudstaal PJ, et al. The potential for prevention of dementia across two decades: the prospective, population-based Rotterdam Study. *BMC Med.* 2015;13:132.
25. Norton S, Matthews FE, Barnes DE, Yaffe K, Brayne C. Potential for primary prevention of Alzheimer's disease: an analysis of population-based data. *Lancet Neurol.* 2014;13(8):788-94.
26. Rosenberg A, Ngandu T, Rusanen M, Antikainen R, Backman L, Havulinna S, et al. Multidomain lifestyle intervention benefits a large elderly population at risk for cognitive decline and dementia regardless of baseline characteristics: The FINGER trial. *Alzheimers Dement.* 2018;14(3):263-70.

February 2021 References

p8-12 Vascular dementia and diabetes - Cont'd

27. Ngandu T, Lehtisalo J, Solomon A, Levalahti E, Ahtiluoto S, Antikainen R, et al. A 2 year multidomain intervention of diet, exercise, cognitive training, and vascular risk monitoring versus control to prevent cognitive decline in at-risk elderly people (FINGER): a randomised controlled trial. *Lancet.* 2015;385(9984):2255-63.
28. Smith EE, Saposnik G, Biessels GJ, Doubal FN, Fornage M, Gorelick PB, et al. Prevention of Stroke in Patients With Silent Cerebrovascular Disease: A Scientific Statement for Healthcare Professionals From the American Heart Association/American Stroke Association. *Stroke.* 2017;48(2):e44-e71.
29. Group AC, Patel A, MacMahon S, Chalmers J, Neal B, Billot L, et al. Intensive blood glucose control and vascular outcomes in patients with type 2 diabetes. *N Engl J Med.* 2008;358(24):2560-72.
30. Mossello E, Pieraccioli M, Nesti N, Bulgaresi M, Lorenzi C, Caleri V, et al. Effects of low blood pressure in cognitively impaired elderly patients treated with antihypertensive drugs. *JAMA Intern Med.* 2015;175(4):578-85.
31. Bulpitt CJ, Beckett NS, Peters R, Leonetti G, Gergova V, Fagard R, et al. Blood pressure control in the Hypertension in the Very Elderly Trial (HYVET). *J Hum Hypertens.* 2012;26(3):157-63.
32. Whitmer RA, Karter AJ, Yaffe K, Quesenberry CP, Jr., Selby JV. Hypoglycemic episodes and risk of dementia in older patients with type 2 diabetes mellitus. *JAMA.* 2009;301(15):1565-72.
33. Mattishent K, Loke YK. Detection of asymptomatic drug-induced hypoglycemia using continuous glucose monitoring in older people - Systematic review. *J Diabetes Complications.* 2018;32(8):805-12.
34. Kirk B, Zanker J, Duque G. Osteosarcopenia: epidemiology, diagnosis, and treatment-facts and numbers. *J Cachexia Sarcopenia Muscle.* 2020;11(3):609-18.
35. Graff MJ, Adang EM, Vernooij-Dassen MJ, Dekker J, Jonsson L, Thijssen M, et al. Community occupational therapy for older patients with dementia and their care givers: cost effectiveness study. *BMJ.* 2008;336(7636):134-8.
36. Abraha I, Rimland JM, Trotta FM, Dell'Aquila G, Cruz-Jentoft A, Petrovic M, et al. Systematic review of systematic reviews of non-pharmacological interventions to treat behavioural disturbances in older patients with dementia. The SENATOR-OnTop series. *BMJ Open.* 2017;7(3):e012759.
37. Kales HC, Gitlin LN, Lyketsos CG. Assessment and management of behavioral and psychological symptoms of dementia. *BMJ.* 2015;350:h369.
38. Ho T, Pollock BG, Mulsant BH, Schantz O, Devanand DP, Mintzer JE, et al. R- and S-citalopram concentrations have differential effects on neuropsychiatric scores in elders with dementia and agitation. *Br J Clin Pharmacol.* 2016;82(3):784-92.
39. Guo C, Ashrafian H, Ghafur S, Fontana G, Gardner C, Prime M. Challenges for the evaluation of digital health solutions-A call for innovative evidence generation approaches. *NPJ Digit Med.* 2020;3:110.
40. Turjamaa R, Pehkonen A, Kangasniemi M. How smart homes are used to support older people: An integrative review. *Int J Older People Nurs.* 2019;14(4):e12260.
41. Piersma D, Fuermaier ABM, De Waard D, Davidse RJ, De Groot J, Doumen MJA, et al. Assessing Fitness to Drive in Patients With Different Types of Dementia. *Alzheimer Dis Assoc Disord.* 2018;32(1):70-5.
42. Brown LB, Ott BR. Driving and dementia: a review of the literature. *J Geriatr Psychiatry Neurol.* 2004;17(4):232-40.

p14 – 16 COVID-related distress in people with diabetes

1. de Groot M, Golden SH, Wagner J. Psychological conditions in adults with diabetes. *Am Psychol.* 2016;71(7):552-62.
2. Skinner TC, Joensen L, Parkin T. Twenty-five years of diabetes distress research. *Diabetic Medicine.* 2020;37(3):393-400.
3. Peyrot M, Rubin RR, Lauritzen T, Snoek FJ, Matthews DR, Skovlund SE. Psychosocial problems and barriers to improved diabetes management: results of the Cross-National Diabetes Attitudes, Wishes and Needs (DAWN) Study. *Diabet Med.* 2005;22(10):1379-85.
4. Peyrot M, Burns KK, Davies M, Forbes A, Hermanns N, Holt R, et al. Diabetes Attitudes Wishes and Needs 2 (DAWN2): a multinational, multi-stakeholder study of psychosocial issues in diabetes and person-centred diabetes care. *Diabetes Res Clin Pract.* 2013;99(2):174-84.

February 2021 References

p14 – 16 COVID-related distress in people with diabetes cont'd

5. Funnell MM, Bootle S, Stuckey HL. The diabetes attitudes, wishes and needs second study. *Clin Diabetes.* 2015;33(1):32-6.
6. Ventura AD BJ, Holmes-Truscott E, Hendrieckx C, Pouwer F, Speight J. Diabetes MILES-2 2016 Survey Report. Diabetes Victoria, Melbourne. ISBN 978-0-9873835-7-0 © The Australian Centre for Behavioural Research in Diabetes, 2016. 2016.
7. Speight J BJ, Holmes-Truscott E, Hendrieckx C, Pouwer F, on behalf of Diabetes MILES Australia reference group. Diabetes MILES - Australia 2011 Survey Report. Diabetes Australia - Vic, Melbourne. 2011.
8. Litterbach E HTE, Pouwer F, Speight J, Hendrieckx C. 'I wish my health professionals understood that it's not just all about your HbA1c!'. Qualitative responses from the second Diabetes MILES – Australia (MILES-2) study. *Diabet Med.* 2020;37(6):971-81.
9. Rose KJ, Scibilia R. The COVID19 Pandemic – Perspectives from People Living with Diabetes. *Diabetes Research and Clinical Practice.* 2020;108343.
10. Lam S. Psychological impact of COVID-19 on People With Diabetes: Observations from Health Care Practitioners. *Australian Diabetes Educator.* 2020;23(4).
11. Global Deaths 2021 [20 April 2021]. Johns Hopkins University Coronavirus Resource Centre]. Available from: <https://coronavirus.jhu.edu/>.
12. Facing up to long COVID. *The Lancet.* 2020;396(10266):1861.
13. Mehta S, Machado F, Kwizera A, Papazian L, Moss M, Azoulay É, et al. COVID-19: a heavy toll on health-care workers. *The Lancet Respiratory Medicine.* 2021;9(3):226-8.
14. UnitedNations. United Nations Policy Brief: COVID-19 and the need for action on mental health2020 13 May 2020. Available from: https://www.un.org/sites/un2.un.org/files/un_policy_brief-covid_and_mental_health_final.pdf.
15. Guterres A. We Need to Take Action to Address the Mental Health Crisis in This Pandemic. *Time* [Internet]. 2020 13 Sept 2020; May 21. Available from: <https://time.com/5839553/un-action-mental-health-crisis/>.
16. Newby JM, O'Moore K, Tang S, Christensen H, Faasse K. Acute mental health responses during the COVID-19 pandemic in Australia. *PLoS One.* 2020;15(7):e0236562.
17. How COVID-19 changed the way Australians used health services in 2019-20 [press release]. Australian Institute of Health and Welfare, 17 Dec 2020 2020.
18. New dedicated service to support Australia's mental health through COVID-19 [press release]. 13 Sept 2020 2020.
19. Additional 10 MBS mental health sessions during COVID-19 under the Better Access Pandemic Support measure. In: Health Do, editor. 2020.
20. Powers AC, Aronoff DM, Eckel RH. COVID-19 vaccine prioritisation for type 1 and type 2 diabetes. *The Lancet Diabetes & Endocrinology.* 2021;9(3):140-1.
21. Apicella M, Campopiano MC, Mantuano M, Mazoni L, Coppelli A, Del Prato S. COVID-19 in people with diabetes: understanding the reasons for worse outcomes. *The Lancet Diabetes & Endocrinology.* 2020;8(9):782-92.
22. Halliday J. Psychological perspectives on COVID-19 and diabetes. Australian Centre for Behavioural Research in Diabetes Newsletter [Internet]. 2020. Available from: <https://acbrd.org.au/2020/09/08/psychological-perspectives-on-covid-19-and-diabetes/#more-7763>.
23. Garfin DR, Silver RC, Holman EA. The novel coronavirus (COVID-2019) outbreak: Amplification of public health consequences by media exposure. *Health Psychology.* 2020;39(5):355-7.
24. Forde R, Arente L, Ausili D, De Backer K, Due-Christensen M, Epps A, et al. The impact of the COVID-19 pandemic on people with diabetes and diabetes services: A pan-European survey of diabetes specialist nurses undertaken by the Foundation of European Nurses in Diabetes survey consortium. *Diabetic Medicine.* n/a(n/a):e14498.

February 2021 References

p14 – 16 COVID-related distress in people with diabetes cont'd

25. Joensen LE, Madsen KP, Holm L, Nielsen KA, Rod MH, Petersen AA, et al. Diabetes and COVID-19: psychosocial consequences of the COVID-19 pandemic in people with diabetes in Denmark—what characterizes people with high levels of COVID-19-related worries? *Diabetic Medicine*. 2020;37(7):1146-54.
26. Odeh R, Gharaibeh L, Daher A, Kussad S, Alassaf A. Caring for a child with type 1 diabetes during COVID-19 lockdown in a developing country: Challenges and parents' perspectives on the use of telemedicine. *Diabetes Research and Clinical Practice*. 2020;168:108393.
27. Tsirtsakis A. Fears of post-pandemic 'tsunami of health problems'. News GP [Internet]. 2020 14 May 2020 20/03/2021]. Available from: <https://www1.racgp.org.au/news/gp/clinical/gps-fear-post-pandemic-tsunami-of-health-problems>.
28. Johnson G. Managing diabetes during COVID-19 [Internet]; 2020 24 September 2020. Podcast. Available from: <https://www.nps.org.au/podcast/episode-14-managing-diabetes-during-covid-19>
29. Dear Australia, Let's work together to put your health first: Diabetes Victoria; 2020 [20 March 2021]. Available from: https://www.diabetesvic.org.au/COVID-19-Info-detail?tags=COVID-19-info%2FCOVID-19-info&content_id=a1R0o00000MLUMUEA5&bdc=1.
30. Kamrath C, Mönkemöller K, Biester T, Rohrer TR, Warncke K, Hammersen J, et al. Ketoacidosis in Children and Adolescents With Newly Diagnosed Type 1 Diabetes During the COVID-19 Pandemic in Germany. *JAMA*. 2020;324(8):801-4.
31. Rabbone I, Schiaffini R, Cherubini V, Maffeis C, Scaramuzza A. Has COVID-19 Delayed the Diagnosis and Worsened the Presentation of Type 1 Diabetes in Children? *Diabetes Care*. 2020;dc201321.
32. Crowter A. Coronavirus: Type 1 diabetes fears in children amid drop in diagnoses. BBC News [Internet]. 2020 6 August 2020. Available from: <https://www.bbc.com/news/uk-wales-53667793>.
33. Phillipou LHA. COVID has presented unique challenges for people with eating disorders. They'll need support beyond the pandemic. The Conversation [Internet]. 2020. Available from: <https://theconversation.com/covid-has-presented-unique-challenges-for-people-with-eating-disorders-theyll-need-support-beyond-the-pandemic-148903>.
34. Phillipou A, Meyer D, Neill E, Tan EJ, Toh WL, Van Rheenen TE, et al. Eating and exercise behaviors in eating disorders and the general population during the COVID-19 pandemic in Australia: Initial results from the COLLATE project. *Int J Eat Disord*. 2020;53(7):1158-65.
35. Touyz S, Lacey H, Hay P. Eating disorders in the time of COVID-19. *Journal of Eating Disorders*. 2020;8(1):19.
36. Rafferty S. Impact of coronavirus on people with eating disorders to be studied as calls for support rise. ABC Sunshine Coast [Internet]. 2020 21 Sept 2020. Available from: <https://www.abc.net.au/news/2020-07-08/eating-disorder-coronavirus-impact-to-be-studied/12428560>.
37. Broadley MM, Zaremba N, Andrew B, Ismail K, Treasure J, White MJ, et al. 25 Years of psychological research investigating disordered eating in people with diabetes: what have we learnt? *Diabetic Medicine*. 2020;37(3):401-8.
38. Middleton KR, Anton SD, Perri MG. Long-Term Adherence to Health Behavior Change. *Am J Lifestyle Med*. 2013;7(6):395-404.
39. Arlinghaus KR, Johnston CA. The Importance of Creating Habits and Routine. *Am J Lifestyle Med*. 2018;13(2):142-4.
40. Change in Drinking Behaviours During Lockdown. Kantar Poll Data2020 22-23 July 2020. Available from: <https://www.littlehabit.com.au/about/research/>.
41. Alcohol Sales & Use During COVID-19: Polling Snapshot2020. Available from: <http://fare.org.au/wp-content/uploads/COVID-19-POLL.pdf>.
42. Stanton R, To QG, Khalesi S, Williams SL, Alley SJ, Thwaite TL, et al. Depression, Anxiety and Stress during COVID-19: Associations with Changes in Physical Activity, Sleep, Tobacco and Alcohol Use in Australian Adults. *International journal of environmental research and public health*. 2020;17(11):4065.

February 2021 References

p14 – 16 COVID-related distress in people with diabetes cont'd

43. Murray G, Gottlieb J, Swartz HA. Maintaining Daily Routines to Stabilize Mood: Theory, Data, and Potential Intervention for Circadian Consequences of COVID-19. Canadian journal of psychiatry. 2021;66(1):9-13.
44. Farabi SS. Type 1 Diabetes and Sleep. Diabetes Spectrum. 2016;29(1):10-3.
45. Knutson KL. Impact of sleep and sleep loss on glucose homeostasis and appetite regulation. Sleep Med Clin. 2007;2(2):187-97.
46. Nefs GM, Bazelmans E, Donga E, Tack CJ, de Galan BE. Sweet dreams or bitter nightmare: a narrative review of 25 years of research on the role of sleep in diabetes and the contributions of behavioural science. Diabetic Medicine. 2020;37(3):418-26.
47. Hendrieckx C, Halliday JA, Russell-Green S, Cohen N, Colman PG, Jenkins A, et al. Adults With Diabetes Distress Often Want to Talk With Their Health Professionals About It: Findings From an Audit of 4 Australian Specialist Diabetes Clinics. Canadian Journal of Diabetes. 2020;44(6):473-80.
48. Skinner T, Speight J. Supporting people with diabetes during a pandemic. Diabet Med. 2020;37(7):1155-6.
49. Fisher L, Glasgow RE, Mullan JT, Skaff MM, Polonsky WH. Development of a brief diabetes distress screening instrument. Ann Fam Med. 2008;6(3):246-52.
50. Hendrieckx C HJ, Beeney LJ, Speight J. Diabetes and emotional health: a practical guide for health professionals supporting adults with type 1 or type 2 diabetes. 2 ed. Canberra: National Diabetes Services Scheme; 2020 2 June 2020.
51. Diabetes and Emotional Health Factsheets: Australian Centre for Behavioural Research in Diabetes; [21 March 2021]. Available from: <https://acbrd.org.au/diabetes-and-emotional-health-factsheets/>.
52. Resources for Aboriginal and Torres Strait Islander people with diabetes: National Diabetes Services Scheme; [21 March 2021]. Available from: <https://www.ndss.com.au/living-with-diabetes/about-you/aboriginal-and-torres-strait-islander-peoples/resources/>.
53. Shannon J. The Anxiety Virus: 3 Essential Strategies to Build Immunity to Uncertainty in the COVID Crisis: Monkey Mind Books; 2020 May 2020.
54. Managing worry about COVID-19 and diabetes2020 March 2020. Available from: <https://www.ndss.com.au/wp-content/uploads/fact-sheets/fact-sheet-managing-worry-about-covid19.pdf>.
55. AustralianCentreforBehaviouralResearchinDiabetes. Diabetes care and COVID-192020. Available from: <https://www.ndss.com.au/wp-content/uploads/fact-sheets/fact-sheet-diabetes-care-and-covid19.pdf>.
56. Young-Hyman D, de Groot M, Hill-Briggs F, Gonzalez JS, Hood K, Peyrot M. Psychosocial Care for People With Diabetes: A Position Statement of the American Diabetes Association. Diabetes care. 2016;39(12):2126-40. <https://care.diabetesjournals.org/content/39/12/2126> Licence number: 5032220087638
57. Iturralde E, Weissberg-Benchell J, Hood KK. Avoidant coping and diabetes-related distress: Pathways to adolescents' Type 1 diabetes outcomes. Health Psychol. 2017;36(3):236-44.
58. d'Annunzio G, Maffei C, Cherubini V, Rabbone I, Scaramuzza A, Schiaffini R, et al. Caring for children and adolescents with type 1 diabetes mellitus: Italian Society for Pediatric and Adolescent Diabetes (ISPED) Statements during COVID-19 pandemic. Diabetes Research and Clinical Practice. 2020;108372.
59. Burns RJ, Deschênes SS, Schmitz N. Associations between coping strategies and mental health in individuals with type 2 diabetes: Prospective analyses. Health Psychol. 2016;35(1):78-86.
60. Andrikopoulos S, Johnson G. The Australian response to the COVID-19 pandemic and diabetes - Lessons learned. Diabetes Res Clin Pract. 2020;165:108246.
61. Nagi DC, P; Wilmot, E; Winocour, P. Supporting people with diabetes during the COVID-19 pandemic without face-to-face appointments. British Journal of Diabetes. 2020;20(1):1-4.
62. Sacks LJ, Pham CT, Fleming N, Neoh SL, Ekinci EI. Considerations for people with diabetes during the Coronavirus Disease (COVID-19) pandemic. Diabetes Research and Clinical Practice. 2020;166:108296.

February 2021 References

p18-20 Stepping out with apps

1. Warburton DER, Nicol CW, Bredin SSD. Health benefits of physical activity: the evidence. Canadian Medical Association Journal. 2006;174(6):801-809.
2. Sigal RJ, Kenny GP, Wasserman DH, Castaneda-Sceppa C, White RD. Physical Activity/Exercise and Type 2 Diabetes: A consensus statement from the American Diabetes Association. *Diabetes Care*. 2006;29(6):1433-1438.
3. Chimen M, Kennedy A, Nirantharakumar K, Pang TT, Andrews R, Narendran P. What are the health benefits of physical activity in type 1 diabetes mellitus? A literature review. *Diabetologia*. 2012;55:542-551.
4. Sigal RJ, Armstrong MJ, Bacon SL, Boulé NG, Dasgupta K, Kenny GP, Riddell MC; Diabetes Canada Clinical Practice Guidelines Expert Committee. Physical Activity and Diabetes. *Canadian Journal of Diabetes*. 2018;42(Suppl 1):S54-63.
5. Vancampfort D, Koyanagi A, Ward PB, Rosenbaum S, Schuch FB, Mugisha J, Richards J, Firth J, Stubbs B. Chronic physical conditions, multimorbidity and physical activity across 46 low- and middle-income countries. *International Journal of Behavioral Nutrition and Physical Activity*. 2017;14:6.
6. Ghimire S. Barriers to Diet and Exercise among Nepalese Type 2 Diabetic Patients. *International Scholarly Research Notices*. 2017;2017:1273084
7. Lidegaard LP, Schwennesen N, Willaing I, Faerch K. Barriers to and motivators for physical activity among people with Type 2 diabetes: patients' perspectives. *Diabetic Medicine*. 2016;33(12):1677-1685.
8. Qiu SH, Sun ZL, Cai X, Liu L, Yang B. Improving Patients' Adherence to Physical Activity in Diabetes Mellitus: A Review. *Diabetes & Metabolism Journal*. 2012;36:1-5.
9. Zhou Y, Chi J, Lv W, Wang Y. Obesity and diabetes as high-risk factors for severe coronavirus disease 2019 (Covid-19). *Diabetes/Metabolism Research and Reviews*. 2020;37(2):e3377.
10. Barone MTU, Harnik SB, de Luca PV, Lima BLS, Wieselberg RJP, Ngongo B, Pedrosa HC, Pimazoni-Netto A, Franco DR, Marinho de Souza MF, Malta DC, Giampaoli V. The impact of COVID-19 on people with diabetes in Brazil. *Diabetes Research and Clinical Practice*. 2020;166:108304.
11. Ruiz-Roso MB, Knott-Torcal C, Matilla-Escalante DC, Garcimartín A, Sampedro-Nuñez MA, Dávalos A, Marazuela, M. COVID-19 Lockdown and Changes of the Dietary Pattern and Physical Activity Habits in a Cohort of Patients with Type 2 Diabetes Mellitus. *Nutrients*. 2020;12(8):2327.
12. Assaloni R, Carnevale Pellino V, Puci MV, Ferraro OE, Lovecchio N, Girelli A, Vandoni M. Coronavirus disease (Covid-19): How does the exercise practice in active people with type 1 diabetes change? A preliminary survey. *Diabetes Research and Clinical Practice*. 2020;166:108297.
13. Martínez-Pérez B, de la Torre-Díez I, López-Coronado M. Mobile Health Applications for the Most Prevalent Conditions by the World Health Organization: Review and Analysis. *Journal of Medical Internet Research*. 2013;15(6):e120.
14. Jimenez G, Lum E, Car J. Examining Diabetes Management Apps Recommended From a Google Search: Content Analysis. *JMIR mHealth and uHealth*. 2019;7(1):e11848.
15. Aitken M, Clancy B, Nass D. IQVIA: The Human Data Science Company. 2017. The Growing Value of Digital Health. Available from: <https://www.iqvia.com/institute/reports/the-growing-value-of-digital-health> [accessed 2019-07-29]
16. West JH, Hall PC, Hanson CL, Barnes MD, Giraud-Carrier C, Barrett J. There's an App for That: Content Analysis of Paid Health and Fitness Apps. *Journal of Medical Internet Research*. 2012;14(3):e72.
17. Petersen JM, Prichard I, Kemps E. A Comparison of Physical Activity Mobile Apps With and Without Existing Web-Based Social Networking Platforms: Systematic Review. *Journal of Medical Internet Research*. 2019;21(8):e12687.
18. Deloitte. Mobile Nation 2019. [Internet]. Deloitte; 2019 [cited 2 March 2021]. Available from: <https://www2.deloitte.com/content/dam/Deloitte/au/Documents/Economics/deloitte-au-economics-mobile-nation-2019-080419.pdf>
19. Australian Institute of Health and Welfare. Rural & remote health. AIHW; 2019 [cited 15 March 2021]. Available from: <https://www.aihw.gov.au/reports/rural-remote-australians/rural-remote-health/contents/health-status-and-outcomes>
20. Li J, Hodgson N, Lyons MM, Chen KC, Yu F, Gooneratne NS. A personalised behavioural intervention implementing mHealth technologies for older adults: A pilot feasibility study. *Geriatric Nursing*. 2020;41(3):313-9

February 2021 References

p18-20 Stepping out with apps – Cont'd

21. Petersen JM, Kemps E, Lewis LK, Prichard I. Psychological mechanisms underlying the relationship between commercial physical activity app use and physical activity engagement. *Psychology of Sport and Exercise.* 2020;51:101719.
22. Corbett P, Huggins K, Price R, Twibill S. Mobile Consumer Survey 2019. [Internet]. Deloitte; 2019. [cited 2020 March 3]. Available from: <https://www2.deloitte.com/au/mobile-consumer-survey>.
23. Bondaronek P, Alkhaldi G, Slee A, Hamilton F, Murray E. Quality of Publicly Available Physical Activity Apps: Review and Content Analysis. *JMIR mHealth and uHealth.* 2018;6(3):e53.
24. Greaves CJ, Sheppard KE, Abraham C, Hardeman W, Roden M, Evans PH, Schwartz P, IMAGE Study Group. Systematic review of reviews of intervention components associated with increased effectiveness in dietary and physical activity interventions. *BMC Public Health.* 2011;11:119.
25. Arnautovska U, O'Callaghan F, Hamilton K. Behaviour change techniques to facilitate physical activity in older adults: what and how. *Ageing and Society.* 2017;38(12):2590-2616.
26. Petersen JM, Kemps E, Lewis LK, Prichard I. (under review). Promoting physical activity during the COVID-19 lockdown in Australia: The roles of psychological predictors and commercial physical activity apps.
27. Petersen JM, Kemps E, Lewis LK, Prichard I. Associations Between Commercial App Use and Physical Activity: Cross-Sectional Study. *Journal of Medical Internet Research.* 2020;22(6):e17152.
28. Song Y, Nam S, Park S, Shin IS, Ku BJ. The Impact of Social Support on Self-care of Patients With Diabetes: What Is the Effect of Diabetes Type? Systematic Review and Meta-analysis. *The Diabetes Educator.* 2017;43(4):396-412.
29. Sallis JF, Hovell MF, Hofstetter CR, Faucher P, Elder JP, Blanchard J, Caspersen CJ, Powell KE, Christenson GM. A multivariate study of determinants of vigorous exercise in a community sample. *Preventive Medicine.* 1989;18(1):20-34.
30. Karimy M, Araban M, Zareban I, Taher M, Abedi A. Determinants of adherence to self-care behavior among women with type 2 diabetes: an explanation based on health belief model. *Med J Islamic Republic Iran.* 2016;30:368.
31. Jiang X, Jiang H, Li M, Lu Y, Liu K, Sun X. The Mediating Role of Self-Efficacy in Shaping Self-Management Behaviors Among Adults With Type 2 Diabetes. *Worldviews on Evidence-Based Nursing.* 2019;16(2):151-160.
32. Santarossa S, Kane D, Senn CY, Woodruff SJ. Exploring the Role of In-Person Components for Online Health Behavior Change Interventions: Can a Digital Person-to-Person Component Suffice? *Journal of Medical Internet Research.* 2018;20(4):e144.
33. Mollee J, Middelweerd A, Kurvers R, Klein M. What technological features are used in smartphone apps that promote physical activity? A review and content analysis. *Personal and Ubiquitous Computing.* 2017;21(4):633-643.
34. Schoeppe S, Alley S, van Lippevelde W, Bray NA, Williams SL, Duncan MJ, Vandelanotte C. Efficacy of interventions that use apps to improve diet, physical activity and sedentary behaviour: a systematic review. *International Journal of Behavioral Nutrition and Physical Activity.* 2016;13:127.
35. Oeldorf-Hirsch A, High AC, Christensen JL. Count Your Calories and Share Them: Health Benefits of Sharing mHealth Information on Social Networking Sites. *Health Communication.* 2018;34(10):1130-1140.
36. Norton K, Norton L: Pre-exercise Screening: Guide to the Australian Adult Pre-exercise Screening System. 2012, Australia: Exercise and Sports Science Australia, Fitness Australia and Sports Medicine Australia

p23-25 Management options for diabetes and schizophrenia

1. Firth J, Siddiqi N, Koyanagi A, Siskind D, Rosenbaum S, Galletly C, et al. The Lancet Psychiatry Commission: a blueprint for protecting physical health in people with mental illness. *Lancet Psychiatry.* 2019;6(8):675-712.
2. Correll CU, Solmi M, Veronese N, Bortolato B, Rosson S, Santonastaso P, et al. Prevalence, incidence and mortality from cardiovascular disease in patients with pooled and specific severe mental illness: a large-scale meta-analysis of 3,211,768 patients and 113,383,368 controls. *World Psychiatry.* 2017;16(2):163-80.

February 2021 References

p23-25 Management options for diabetes and schizophrenia – Cont'd

3. Hjorthoj C, Sturup AE, McGrath JJ, Nordentoft M. Years of potential life lost and life expectancy in schizophrenia: a systematic review and meta-analysis. *Lancet Psychiatry*. 2017;4(4):295-301.
4. Lawrence D, Hancock KJ, Kisely S. The gap in life expectancy from preventable physical illness in psychiatric patients in Western Australia: retrospective analysis of population based registers. *BMJ*. 2013;346:f2539.
5. Balhara YP. Diabetes and psychiatric disorders. *Indian J Endocrinol Metab*. 2011;15(4):274-83.
6. Manu P, Khan S, Radhakrishnan R, Russ MJ, Kane JM, Correll CU. Body mass index identified as an independent predictor of psychiatric readmission. *J Clin Psychiatry*. 2014;75(6):e573-7.
7. Teasdale SB, Ward PB, Samaras K, Firth J, Stubbs B, Tripodi E, et al. Dietary intake of people with severe mental illness: systematic review and meta-analysis. *Br J Psychiatry*. 2019;214(5):251-9.
8. Stubbs B, Firth J, Berry A, Schuch FB, Rosenbaum S, Gaughran F, et al. How much physical activity do people with schizophrenia engage in? A systematic review, comparative meta-analysis and meta-regression. *Schizophr Res*. 2016;176(2-3):431-40.
9. Vancampfort D, Firth J, Schuch FB, Rosenbaum S, Mugisha J, Hallgren M, et al. Sedentary behavior and physical activity levels in people with schizophrenia, bipolar disorder and major depressive disorder: a global systematic review and meta-analysis. *World Psychiatry*. 2017;16(3):308-15.
10. de Leon J, Diaz FJ. A meta-analysis of worldwide studies demonstrates an association between schizophrenia and tobacco smoking behaviors. *Schizophr Res*. 2005;76(2-3):135-57.
11. Pillinger T, McCutcheon RA, Vano L, Mizuno Y, Arumuhamed A, Hindley G, et al. Comparative effects of 18 antipsychotics on metabolic function in patients with schizophrenia, predictors of metabolic dysregulation, and association with psychopathology: a systematic review and network meta-analysis. *Lancet Psychiatry*. 2020;7(1):64-77.
12. Liu Y, Li Z, Zhang M, Deng Y, Yi Z, Shi T. Exploring the pathogenetic association between schizophrenia and type 2 diabetes mellitus diseases based on pathway analysis. *BMC Med Genomics*. 2013;6 Suppl 1:S17.
13. Stubbs B, Vancampfort D, De Hert M, Mitchell AJ. The prevalence and predictors of type two diabetes mellitus in people with schizophrenia: a systematic review and comparative meta-analysis. *Acta Psychiatr Scand*. 2015;132(2):144-57.
14. Mitchell AJ, Vancampfort D, Sweers K, van Winkel R, Yu W, De Hert M. Prevalence of metabolic syndrome and metabolic abnormalities in schizophrenia and related disorders--a systematic review and meta-analysis. *Schizophr Bull*. 2013;39(2):306-18.
15. Han M, Huang XF, Chen DC, Xiu M, Kosten TR, Zhang XY. Diabetes and cognitive deficits in chronic schizophrenia: a case-control study. *PLoS One*. 2013;8(6):e66299.
16. Lyketsos CG, Dunn G, Kaminsky MJ, Breakey WR. Medical comorbidity in psychiatric inpatients: relation to clinical outcomes and hospital length of stay. *Psychosomatics*. 2002;43(1):24-30.
17. Pillinger T, Beck K, Gobjila C, Donocik JG, Jauhar S, Howes OD. Impaired Glucose Homeostasis in First-Episode Schizophrenia: A Systematic Review and Meta-analysis. *JAMA Psychiatry*. 2017;74(3):261-9.
18. Mukherjee S, Schnur DB, Reddy R. Family history of type 2 diabetes in schizophrenic patients. *Lancet*. 1989;1(8636):495.
19. Spelman LM, Walsh PI, Sharifi N, Collins P, Thakore JH. Impaired glucose tolerance in first-episode drug-naïve patients with schizophrenia. *Diabet Med*. 2007;24(5):481-5.
20. Lee DC, Sui X, Church TS, Lee IM, Blair SN. Associations of cardiorespiratory fitness and obesity with risks of impaired fasting glucose and type 2 diabetes in men. *Diabetes Care*. 2009;32(2):257-62.
21. Australia's Physical Activity and Sedentary Behaviour Guidelines and the Australian 24-Hour Movement Guidelines. 2019.
22. Vancampfort D, Stubbs B, Sienaert P, Wyckaert S, De Hert M, Soundy A, et al. A comparison of physical fitness in patients with bipolar disorder, schizophrenia and healthy controls. *Disabil Rehabil*. 2016;38(20):2047-51.
23. Roerig JL, Steffen KJ, Mitchell JE. Atypical antipsychotic-induced weight gain: insights into mechanisms of action. *CNS Drugs*. 2011;25(12):1035-59.
24. Siskind D, McCartney L, Goldschlager R, Kisely S. Clozapine v. first- and second-generation antipsychotics in treatment-refractory schizophrenia: systematic review and meta-analysis. *Br J Psychiatry*. 2016;209(5):385-92.

February 2021 References

p23-25 Management options for diabetes and schizophrenia – Cont'd

25. Henderson DC, Nguyen DD, Copeland PM, Hayden DL, Borba CP, Louie PM, et al. Clozapine, diabetes mellitus, hyperlipidemia, and cardiovascular risks and mortality: results of a 10-year naturalistic study. *J Clin Psychiatry.* 2005;66(9):1116-21.
26. O'Donoghue B, Mujanovic A, Young S, Bridson T, Mora L, Bismark M, et al. Physical health trajectories of young people commenced on clozapine. *Ir J Psychol Med.* 2021;38(1):49-55.
27. Siskind D, Hahn M, Correll CU, Fink-Jensen A, Russell AW, Bak N, et al. Glucagon-like peptide-1 receptor agonists for antipsychotic-associated cardio-metabolic risk factors: A systematic review and individual participant data meta-analysis. *Diabetes Obes Metab.* 2019;21(2):293-302.
28. Caemmerer J, Correll CU, Maayan L. Acute and maintenance effects of non-pharmacologic interventions for antipsychotic associated weight gain and metabolic abnormalities: a meta-analytic comparison of randomized controlled trials. *Schizophr Res.* 2012;140(1-3):159-68.
29. Teasdale SB, Ward PB, Rosenbaum S, Watkins A, Curtis J, Kalucy M, et al. A nutrition intervention is effective in improving dietary components linked to cardiometabolic risk in youth with first-episode psychosis. *Br J Nutr.* 2016;115(11):1987-93.
30. Korman NH, Shah S, Suetani S, Kendall K, Rosenbaum S, Dark F, et al. Evaluating the feasibility of a pilot exercise intervention implemented within a residential rehabilitation unit for people with severe mental illness: GO HEART:(Group Occupational Health Exercise and Rehabilitation Treatment). *Frontiers in psychiatry.* 2018;9:343.
31. Manger S. Lifestyle interventions for mental health. *Aust J Gen Pract.* 2019;48(10):670-3.
32. Vancampfort D, Rosenbaum S, Schuch FB, Ward PB, Probst M, Stubbs B. Prevalence and predictors of treatment dropout from physical activity interventions in schizophrenia: a meta-analysis. *Gen Hosp Psychiatry.* 2016;39:15-23.
33. Hsu JH, Calzavara A, Vigod S, Stukel TA, Kiran T, Kurdyak P. Factors Associated With Diabetes Care Quality Among Patients With Schizophrenia in Ontario, Canada. *Psychiatr Serv.* 2020;71(2):188-91.
34. Spokes J HS, Winckel K, Kisely S, Baker A, Cosgrove P, Siskind D. Metformin reduces 12-month change in body weight among people newly commenced on clozapine: a retrospective naturalistic cohort study. *Therapeutic advances in Psychopharmacology.* 2021.
35. Siskind DJ, Leung J, Russell AW, Wysoczanski D, Kisely S. Metformin for Clozapine Associated Obesity: A Systematic Review and Meta-Analysis. *PLoS One.* 2016;11(6):e0156208.
36. Praharaj SK, Jana AK, Goyal N, Sinha VK. Metformin for olanzapine-induced weight gain: a systematic review and meta-analysis. *Br J Clin Pharmacol.* 2011;71(3):377-82.
37. Lily M, Godwin M. Treating prediabetes with metformin: systematic review and meta-analysis. *Can Fam Physician.* 2009;55(4):363-9.
38. Cieslik LK, Cresswell NR, Fineberg D, Mariani JA, Patel HC. Prescription trends and costs of diabetes medications in Australia between 2003 and 2019: an analysis and review of the literature. *Intern Med J.* 2020.
39. Wilding JPH, Batterham RL, Calanna S, Davies M, Van Gaal LF, Lingvay I, et al. Once-Weekly Semaglutide in Adults with Overweight or Obesity. *N Engl J Med.* 2021;384(11):989.
40. Rubino D, Abrahamsson N, Davies M, Hesse D, Greenway FL, Jensen C, et al. Effect of Continued Weekly Subcutaneous Semaglutide vs Placebo on Weight Loss Maintenance in Adults With Overweight or Obesity: The STEP 4 Randomized Clinical Trial. *JAMA.* 2021.
41. Blundell J, Finlayson G, Axelsen M, Flint A, Gibbons C, Kvist T, et al. Effects of once-weekly semaglutide on appetite, energy intake, control of eating, food preference and body weight in subjects with obesity. *Diabetes Obes Metab.* 2017;19(9):1242-51.
42. Rubino F, Nathan DM, Eckel RH, Schauer PR, Alberti KG, Zimmet PZ, et al. Metabolic Surgery in the Treatment Algorithm for Type 2 Diabetes: a Joint Statement by International Diabetes Organizations. *Obes Surg.* 2017;27(1):2-21.
43. Sjostrom L. Review of the key results from the Swedish Obese Subjects (SOS) trial - a prospective controlled intervention study of bariatric surgery. *J Intern Med.* 2013;273(3):219-34.
44. Castaneda D, Popov VB, Wander P, Thompson CC. Risk of Suicide and Self-harm Is Increased After Bariatric Surgery-a Systematic Review and Meta-analysis. *Obes Surg.* 2019;29(1):322-33.
45. Fried M, Yumuk V, Oppert JM, Scopinaro N, Torres A, Weiner R, et al. Interdisciplinary European guidelines on metabolic and bariatric surgery. *Obes Surg.* 2014;24(1):42-55.

February 2021 References

p23-25 Management options for diabetes and schizophrenia – Cont'd

46. Mechanick JI, Youdim A, Jones DB, Garvey WT, Hurley DL, McMahon MM, et al. Clinical practice guidelines for the perioperative nutritional, metabolic, and nonsurgical support of the bariatric surgery patient--2013 update: cosponsored by American Association of Clinical Endocrinologists, The Obesity Society, and American Society for Metabolic & Bariatric Surgery. *Obesity* (Silver Spring). 2013;21 Suppl 1:S1-27.
47. Kouidrat Y, Amad A, Stubbs B, Moore S, Gaughran F. Surgical Management of Obesity Among People with Schizophrenia and Bipolar Disorder: a Systematic Review of Outcomes and Recommendations for Future Research. *Obes Surg*. 2017;27(7):1889-95.
48. Siskind D, Gallagher E, Winckel K, Hollingworth S, Kisely S, Firth J, et al. Does Switching Antipsychotics Ameliorate Weight Gain in Patients With Severe Mental Illness? A Systematic Review and Meta-analysis. *Schizophr Bull*. 2021.

p26-28 Reality Check: Type 2 diabetes and obesity: A psychologist's perspective

1. Bray GA, Kim KK, Wilding JPH. Obesity: a chronic relapsing progressive disease process. A position statement of the World Obesity Federation. *Obes Rev*. 2017;18(7):715-23.
2. Overweight and obesity. Australian Institute of Health and Welfare; 2020 23 Jul 2020.
3. Wharton S, Lau DCW, Vallis M, Sharma AM, Biertho L, Campbell-Scherer D, et al. Obesity in adults: a clinical practice guideline. *Canadian Medical Association Journal*. 2020;192(31):E875-E91.
4. Dixon JB, Browne JL, Lambert GW, Jones KM, Reddy P, Pouwer F, et al. Severely obese people with diabetes experience impaired emotional well-being associated with socioeconomic disadvantage: results from diabetes MILES - Australia. *Diabetes Res Clin Pract*. 2013;101(2):131-40.
5. Impact of overweight and obesity as a risk factor for chronic conditions: Australian Burden of Disease Study. Australian Burden of Disease Study series no.11. Cat. no. BOD 12. BOD. . Canberra: Australian Institute of Health and Welfare; 2017.
6. Luig T, Anderson R, Sharma AM, Campbell-Scherer DL. Personalizing obesity assessment and care planning in primary care: patient experience and outcomes in everyday life and health. *Clin Obes*. 2018;8(6):411-23.
7. Obesity: Identification, Assessment, and Management (Clinical Guideline189). National Institute for Health and Care Excellence; 2014 17 November 2014.
8. Gordon AB, Kirsten. Doctors need to be taught how to discuss their patients' excess weight. *The Conversation* [Internet]. 2016 17 March 2021.
9. Varkevisser RDM, van Stralen MM, Kroese W, Ket JCF, Steenhuis IHM. Determinants of weight loss maintenance: a systematic review. *Obesity Reviews*. 2019;20(2):171-211.
10. Townshend T, Lake A. Obesogenic environments: current evidence of the built and food environments. *Perspectives in Public Health*. 2017;137(1):38-44.
11. Oldroyd J, Proudfoot J, Infante FA, Powell Davies G, Harris MF, Bubner T, et al. Providing healthcare for people with chronic illness: the views of Australian GPs. *Medical Journal of Australia*. 2003;179(1):30-3.
12. Harris MFH, Elizabeth. Facing the challenges: general practice in 2020. *Medical Journal of Australia*. 2006;185(2):122-4.
13. Ware V-A. Improving the accessibility of health services in urban and regional settings for Indigenous people. Resource sheet no. 27. Produced for the Closing the Gap Clearinghouse. Canberra: Australian Institute of Health and Welfare & Melbourne: Australian Institute of Family Studies. Canberra: Institute of health and Welfare & Melbourne: Australian Institute of Family Studies; 2013.
14. Hill AP, Zuckerman KE, Fombonne E. Obesity and Autism. *Pediatrics*. 2015;136(6):1051-61.
15. Cortese S. The Association between ADHD and Obesity: Intriguing, Progressively More Investigated, but Still Puzzling. *Brain Sci*. 2019;9(10):256.
16. Littleberry M. Obesity and Mental Health: Is there a Link? Article Library [Internet]. 2017 19 March 2021; winter 2017. Available from: <https://www.obesityaction.org/community/article-library/obesity-and-mental-health-is-there-a-link/>.
17. Gariepy G, Nitka D, Schmitz N. The association between obesity and anxiety disorders in the population: a systematic review and meta-analysis. *Int J Obes (Lond)*. 2010;34(3):407-19.
18. Palmisano GL, Innamorati M, Vanderlinden J. Life adverse experiences in relation with obesity and binge eating disorder: A systematic review. *J Behav Addict*. 2016;5(1):11-31.

February 2021 References

p26-28 Reality Check: Type 2 diabetes and obesity: A psychologist's perspective – Cont'd

19. Holt RIG. The Management of Obesity in People with Severe Mental Illness: An Unresolved Conundrum. *Psychotherapy and Psychosomatics*. 2019;88(6):327-32.
20. Salvia MG. The Look AHEAD Trial: Translating Lessons Learned Into Clinical Practice and Further Study. *Diabetes Spectrum*. 2017;30(3):166-70.
21. Thomas JG, Bond DS, Phelan S, Hill JO, Wing RR. Weight-Loss Maintenance for 10 Years in the National Weight Control Registry. *American Journal of Preventive Medicine*. 2014;46(1):17-23.
22. Ryan DH, Yockey SR. Weight Loss and Improvement in Comorbidity: Differences at 5%, 10%, 15%, and Over. *Curr Obes Rep*. 2017;6(2):187-94.
23. Gardner B, Richards R, Lally P, Rebar A, Thwaite T, Beeken RJ. Breaking habits or breaking habitual behaviours? Old habits as a neglected factor in weight loss maintenance. *Appetite*. 2021;162:105183.
24. Hall KD, Kahan S. Maintenance of Lost Weight and Long-Term Management of Obesity. *Med Clin North Am*. 2018;102(1):183-97.
25. Foster D, Sanchez-Collins S, Cheskin LJ. Multidisciplinary Team-Based Obesity Treatment in Patients With Diabetes: Current Practices and the State of the Science. *Diabetes Spectr*. 2017;30(4):244-9.
26. Social Prescribing Roundtable, November 2019: Report. Royal Australian College of General Practitioners & Consumers Health Forum of Australia; 2019.
27. Australia NHFo. Heart Foundation Walking: National Heart Foundation of Australia; 2021 [Join a walking group near you]. Available from: <https://walking.heartfoundation.org.au/walking>.
28. Puhl RM, Phelan SM, Nadglowski J, Kyle TK. Overcoming Weight Bias in the Management of Patients With Diabetes and Obesity. *Clin Diabetes*. 2016;34(1):44-50.
29. Phelan SM, Burgess DJ, Yeazel MW, Hellerstedt WL, Griffin JM, van Ryn M. Impact of weight bias and stigma on quality of care and outcomes for patients with obesity. *Obes Rev*. 2015;16(4):319-26.

p32 – 34 Food Stuff: Are low carb diets really the holy grail?

1. Feinman RD, Pogozelski WK, Astrup A, et al. Dietary carbohydrate restriction as the first approach in diabetes management: Critical review and evidence base. *Nutrition*. 2015;31(1):1-13. doi:10.1016/j.nut.2014.06.011
2. National Health and Medical Research Council (NHMRC). Nutrient Reference Values for Australia and New Zealand Including Recommended Dietary Intakes. Canberra; 2006. <https://www.nhmrc.gov.au/about-us/publications/nutrient-reference-values-australia-and-new-zealand-including-recommended-dietary-intakes>. Accessed January 28, 2020.
3. Australian Bureau of Statistics. 4364.0.55.007 - Australian Health Survey: Nutrition First Results - Foods and Nutrients, 2011-12. [https://www.abs.gov.au/ausstats/abs@.nsf/Lookup/by Subject/4364.0.55.007~2011-12~Main Features~Carbohydrate~705](https://www.abs.gov.au/ausstats/abs@.nsf/Lookup/bySubject/4364.0.55.007~2011-12~Main Features~Carbohydrate~705). Accessed February 3, 2020.
4. Australian Bureau of Statistics. 4364.0.55.012 - Australian Health Survey: Consumption of Food Groups from the Australian Dietary Guidelines, 2011-12. <https://www.abs.gov.au/ausstats/abs@.nsf/Lookup/by Subject/4364.0.55.012~2011-12~Main Features~Key Findings~1>. Accessed February 4, 2020.
5. Australian Bureau of Statistics. 4364.0.55.007 - Australian Health Survey: Nutrition First Results - Foods and Nutrients, 2011-12. [https://www.abs.gov.au/ausstats/abs@.nsf/Lookup/by Subject/4364.0.55.007~2011-12~Main Features~Discretionary foods~700](https://www.abs.gov.au/ausstats/abs@.nsf/Lookup/bySubject/4364.0.55.007~2011-12~Main Features~Discretionary foods~700). Accessed February 3, 2020.
6. Australian Bureau of Statistics. 4364.0.55.001 - National Health Survey: First Results, 2017-18. <https://www.abs.gov.au/ausstats/abs@.nsf/Lookup/by Subject/4364.0.55.001~2017-18~Main Features~Fruit and vegetable consumption~105>. Accessed February 4, 2020.
7. Snorgaard O, Poulsen GM, Andersen HK, Astrup A. Systematic review and meta-analysis of dietary carbohydrate restriction in patients with type 2 diabetes. *BMJ Open Diabetes Res Care*. 2017;5(1). doi:10.1136/bmjdrc-2016-000354
8. McArdle PD, Greenfield SM, Rilstone SK, Narendran P, Haque MS, Gill PS. Carbohydrate restriction for glycaemic control in Type 2 diabetes: a systematic review and meta-analysis. *Diabet Med*. 2019;36(3):335-348. doi:10.1111/dme.13862
9. Sainsbury E, Kizirian N V., Partridge SR, Gill T, Colagiuri S, Gibson AA. Effect of dietary carbohydrate restriction on glycemic control in adults with diabetes: A systematic review and meta-analysis. *Diabetes Res Clin Pract*. 2018;139:239-252. doi:10.1016/j.diabres.2018.02.026

February 2021 References

p32 – 34 Food Stuff: Are low carb diets really the holy grail? Cont'd

10. Silverii GA, Botarelli L, Dicembrini I, et al. Low-carbohydrate diets and type 2 diabetes treatment: a meta-analysis of randomized controlled trials. *Acta Diabetol.* 2020;57(11):1375-1382. doi:10.1007/s00592-020-01568-8
11. Salas-Salvadó J, Becerra-Tomás N, Papandreou C, Bulló M. Dietary Patterns Emphasizing the Consumption of Plant Foods in the Management of Type 2 Diabetes: A Narrative Review. *Adv Nutr.* 2019;10:S320-S331. doi:10.1093/advances/nmy102
12. Huo R, Du T, Xu Y, et al. Effects of Mediterranean-style diet on glycemic control, weight loss and cardiovascular risk factors among type 2 diabetes individuals: A meta-analysis. *Eur J Clin Nutr.* 2015;69(11):1200-1208. doi:10.1038/ejcn.2014.243
13. Papamichou D, Panagiotakos DB, Itsipopoulos C. Dietary patterns and management of type 2 diabetes: A systematic review of randomised clinical trials. *Nutr Metab Cardiovasc Dis.* 2019;29(6):531-543. doi:10.1016/j.numecd.2019.02.004
14. Seckold R, Fisher E, de Bock M, King BR, Smart CE. The ups and downs of low-carbohydrate diets in the management of Type 1 diabetes: a review of clinical outcomes. *Diabet Med.* 2019;36(3):326-334. doi:10.1111/dme.13845
15. Turton JL, Raab R, Rooney KB. Low-carbohydrate diets for type 1 diabetes mellitus: A systematic review. de Souza RJ, ed. *PLoS One.* 2018;13(3):e0194987. doi:10.1371/journal.pone.0194987
16. Schmidt S, Christensen MB, Serfovska N, et al. Low versus high carbohydrate diet in type 1 diabetes: A 12-week randomized open-label crossover study. *Diabetes, Obes Metab.* 2019;21(7):1680-1688. doi:10.1111/dom.13725
17. Ranjan A, Schmidt S, Damm-Frydenberg C, Holst JJ, Madsbad S, Nørgaard K. Short-term effects of a low carbohydrate diet on glycaemic variables and cardiovascular risk markers in patients with type 1 diabetes: A randomized open-label crossover trial. *Diabetes, Obes Metab.* 2017;19(10):1479-1484. doi:10.1111/dom.12953
18. Krebs JD, Strong AP, Cresswell P, Reynolds AN, Hanna A, Haeusler S. A randomised trial of the feasibility of a low carbohydrate diet vs standard carbohydrate counting in adults with type 1 diabetes taking body weight into account. *Asia Pac J Clin Nutr.* 2016;25(1):78-84. doi:10.6133/apjcn.2016.25.1.11
19. de Bock M, Lobley K, Anderson D, et al. Endocrine and metabolic consequences due to restrictive carbohydrate diets in children with type 1 diabetes: An illustrative case series. *Pediatr Diabetes.* 2018;19(1):129-137. doi:10.1111/pedi.12527
20. Bolla AM, Caretto A, Laurenzi A, Scavini M, Piemonti L. Low-carb and ketogenic diets in type 1 and type 2 diabetes. *Nutrients.* 2019;11(5). doi:10.3390/nu11050962
21. Ranjan A, Schmidt S, Damm-Frydenberg C, et al. Low-carbohydrate diet impairs the effect of glucagon in the treatment of insulin-induced mild hypoglycemia: A randomized crossover study. *Diabetes Care.* 2017;40(1):132-135. doi:10.2337/dc16-1472
22. American Diabetes Association. 5. Facilitating behavior change and well-being to improve health outcomes: Standards of medical care in diabetes—2021. *Diabetes Care.* 2021;44(Supplement 1):S53-S72. doi:10.2337/dc21-S005
23. Dyson PA, Twenefour D, Breen C, et al. Diabetes UK evidence-based nutrition guidelines for the prevention and management of diabetes. *Diabet Med.* 2018;35(5):541-547. doi:10.1111/dme.13603
24. Diabetes Australia. Low Carbohydrate Eating for People with Diabetes Position Statement.; 2018. <https://www.diabetesaustralia.com.au/position-statements>. Accessed February 4, 2020.
25. Diabetes UK. Position Statement: Low-Carb Diets for People with Diabetes.; 2017. <https://www.diabetes.org.uk/professionals/position-statements-reports/food-nutrition-lifestyle/low-carb-diets-for-people-with-diabetes>. Accessed February 4, 2020.
26. Wheeler ML, Dunbar SA, Jaacks LM, et al. Macronutrients, food groups, and eating patterns in the management of diabetes: A systematic review of the literature, 2010. *Diabetes Care.* 2012;35(2):434-445. doi:10.2337/dc11-2216
27. Evert AB, Dennison M, Gardner CD, et al. Nutrition therapy for adults with diabetes or prediabetes: A consensus report. *Diabetes Care.* 2019;42(5):731-754. doi:10.2337/dci19-0014
28. American Diabetes Association. 5. Lifestyle management: Standards of medical care in diabetes. *Diabetes Care.* 2019;42:S46-S60. doi:10.2337/dc19-S005
29. 5. Facilitating Behavior Change and Well-being to Improve Health Outcomes: Standards of Medical Care in Diabetes-2020. *Diabetes Care.* 2020;43:S48-S65. doi:10.2337/dc20-S005

February 2021 References

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30. Reynolds A, Mann J, Cummings J, Winter N, Mete E, Te Morenga L. Carbohydrate quality and human health: a series of systematic reviews and meta-analyses. *Lancet.* 2019;393(10170):434-445. doi:10.1016/S0140-6736(18)31809-9
31. de Koning L, Fung TT, Liao X, et al. Low-carbohydrate diet scores and risk of type 2 diabetes in men. *Am J Clin Nutr.* 2011;93(4):844-850. doi:10.3945/ajcn.110.004333
32. Noto H, Goto A, Tsujimoto T, Noda M. Low-carbohydrate diets and all-cause mortality: a systematic review and meta-analysis of observational studies. *PLoS One.* 2013;8(1):e55030. doi:10.1371/journal.pone.0055030
33. Adeva-Andany MM, González-Lucán M, Fernández-Fernández C, Carneiro-Freire N, Seco-Filgueira M, Pedre-Piñeiro AM. Effect of diet composition on insulin sensitivity in humans. *Clin Nutr ESPEN.* 2019;33:29-38. doi:10.1016/j.clnesp.2019.05.014
34. Risérus U. Fatty acids and insulin sensitivity. *Curr Opin Clin Nutr Metab Care.* 2008;11(2):100-5. doi:10.1097/MCO.0b013e3282f52708.
35. Risérus U, Willett WC, Hu FB. Dietary fats and prevention of type 2 diabetes. *Prog Lipid Res.* 2009;48(1):44-51. Epub 2008 Nov 7.
36. Rivelles AA, Lilli S. Quality of dietary fatty acids, insulin sensitivity and type 2 diabetes. *Biomed Pharmacother.* 2003;57(2):84-87. doi:10.1016/S0753-3322(03)00003-9
37. Haag M, Dippenaar NG. Dietary fats, fatty acids and insulin resistance: short review of a multifaceted connection. *Med Sci Monit.* 2005;11(12):RA359-67. Epub 2005 Nov 24.
38. Brinkworth GD, Noakes M, Clifton PM, Bird AR. Comparative effects of very low-carbohydrate, high-fat and high-carbohydrate, low-fat weight-loss diets on bowel habit and faecal short-chain fatty acids and bacterial populations. *Br J Nutr.* 2009;101(10):1493-1502. doi:10.1017/S0007114508094658
39. Russell WR, Gratz SW, Duncan SH, et al. High-protein, reduced-carbohydrate weight-loss diets promote metabolite profiles likely to be detrimental to colonic health. *Am J Clin Nutr.* 2011;93(5):1062-1072. doi:10.3945/ajcn.110.002188
40. Agans R, Gordon A, Kramer DL, Perez-Burillo S, Rufián-Henares JA, Paliy O. Dietary fatty acids sustain the growth of the human gut microbiota. *Appl Environ Microbiol.* 2018;84(21). doi:10.1128/AEM.01525-18
41. David LA, Maurice CF, Carmody RN, et al. Diet rapidly and reproducibly alters the human gut microbiome. *Nature.* 2014;505(7484):559-563. doi:10.1038/nature12820
42. Reynolds AN, Akerman AP, Mann J. Dietary fibre and whole grains in diabetes management: Systematic review and meta-analyses. Ma RCW, ed. *PLOS Med.* 2020;17(3):e1003053. doi:10.1371/journal.pmed.1003053
43. Hayami T, Kato Y, Kamiya H, et al. Case of ketoacidosis by a sodium-glucose cotransporter 2 inhibitor in a diabetic patient with a low-carbohydrate diet. *J Diabetes Investig.* 2015;6(5):587-590. doi:10.1111/jdi.12330
44. Yabe D, Iwasaki M, Kuwata H, et al. Sodium-glucose co-transporter-2 inhibitor use and dietary carbohydrate intake in Japanese individuals with type 2 diabetes: A randomized, open-label, 3-arm parallel comparative, exploratory study. *Diabetes, Obes Metab.* 2017;19(5):739-743. doi:10.1111/dom.12848

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