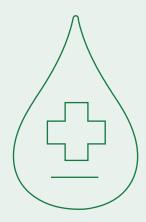


Australian avocados: a diabetes friendly food

Avocados are a nutrient-rich plant food containing important phytonutrients making them a natural fit for effective diabetes management.



What is a diabetes-friendly eating pattern?1

The ideal approach is personalised and flexible - there is no one 'ideal diet'.

Consider these tips for a diabetes-friendly approach:

- Carbohydrate foods spread over the day, matched to diabetes medication or insulin if required
- Quality carbohydrate foods: nutrient-dense, high in fibre and low Glycemic Index (GI), including vegetables, fruit, legumes, wholegrains and dairy products
- 20-35g of fibre daily, and half the daily serves of grain food as wholegrain
- Healthy fats every day: such as avocado, nuts, seeds and extra-virgin olive oil
- Fish twice a week, particularly oily fish
- Low in sodium (salt) from the salt shaker and in packaged
- Little or no sugar-sweetened drinks water is best
- Very few sugary foods with few nutrients, such as confectionery



The monounsaturated fat effect

Avocados contain mostly healthy monounsaturated fats such as those in olive oil. The good fats in avocado can help achieve a healthy, lower carbohydrate and higher healthy fat eating pattern (such as the Mediterranean diet) to help achieve and maintain ideal glucose levels. Research suggests monounsaturated fats may be preferable to other types of fat for lowering glucose and insulin levels.2

Benefits of avocado for a diabetes-friendly diet



Mediterranean mindset

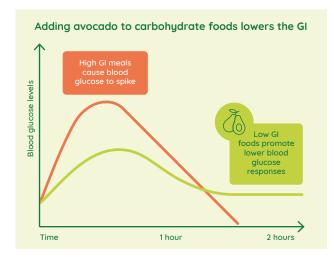
The 'Mediterranean diet' is good for the heart, and avocados fit right into that eating pattern.3 The Mediterranean diet improves blood glucose levels⁴ and may also reduce the risk of developing type 2 diabetes.5



The post meal advantage

For people with diabetes, curbing the rise in blood glucose levels after a meal or snack is important, and avocado can help.

Replacing some carbohydrate in a meal or snack with healthy fats - like those in avocado - lowers the GI, thereby reducing the rise in glucose afterwards.⁷ For example, wholemeal toast with avocado has a lower GI than the toast alone, and it's also more nutritious.



- Evert AB et al. Nutrition Therapy for Adults With Diabetes or Prediabetes: A Consensus Report. Diabetes Care 1 May 2019; 42 (5): 731–754. https://doi.org/10.2337/dci19-0014 accessed 8.9.22 Ford NA, Liu AG. The Forgotten Fruit: A Case for Consuming Avocado Within the Traditional Mediterranean Diet. Front Nutr. 2020;778. https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7272688/ accessed 10.6.22
 Pan B et al. The impact of major dietory patterns on glycemic control, cardiovascular risk factors, and useful factor in patterns with type 3 disheptors. A perhapid most angalaris. Livid Based Med.

- Pan B et al. The impact of major dietary patterns on glycemic control, cardiovascular risk factor and weight loss in patients with type 2 diabetes: A network meta-analysis. J Evid Based Med. 2019;12(1):29-39. https://pubmed.ncbi.nlm.nih.gov/30070019/ Accessed 5.3.22 Salas-Salvadó J et al. Prevention of diabetes with Mediterranean diets: a subgroup analysis of a randomized trial Ann Intern Med 2014;160:1–10. https://pubmed.ncbi.nlm.nih.gov/24573661/ accessed 8.9.22 Clifton P. Metabolic Syndrome-Role of Dietary Fat Type and Quantity. Nutrients. 2019;11(7):1438. https://pubmed.ncbi.nlm.nih.gov/31247933/ Accessed 5.3.22 Vlachos D et al. Glycemic Index (Gi) or Glycemic Load (GL) and Dietary Interventions for Optimizing Postprandial Hyperglycemia in Patients with T2 Diabetes: A Review. Nutrients. 2020 May 27;12(6):1561. https://pubmed.ncbi.nlm.nih.gov/32471238/ accessed 8.9.22 Bell KJ et al. Algorithms to Improve the Prediction of Postprandial Insulinaemia in Response to Common Foods. Nutrients. 2016;8(4):210. doi:10.3390/nu8040210. https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4848679/ Accessed 31.3.22



Great for weight

An important aspect of health and wellbeing in people with diabetes or pre-diabetes is avoiding weight gain or reducing excess weight. The scientific evidence is in for avocados and the news is good: avocados do not promote weight gain. They can be enjoyed by everybody, including those trying to lose weight.8



Avos love your heart

People with diabetes and pre-diabetes need to take extra care of their heart," and we know avocado is helpful in lowering cholesterol in people with diabetes.8,10



Take the pressure down

Good blood pressure is also important for staying well with diabetes.¹¹ A healthy diet low in sodium, with a variety of plant foods such as avocado, can reduce high blood pressure.12 Enjoying foods containing potassium - such as avocado - also helps control blood pressure.13

- James-Martin G et al. (2022) A Review of the Health Effects of Avocados, CSIRO, Australia
- Total Jiedenschall in German (2012) A neview of the reduit in Energy in Mocause Cainot, assistant and a Total Jet al. Effects of an energy-restricted low-carbohydrate, high unsaturated fat/low saturated fat diet versus a high-carbohydrate, low-fat diet in type 2 diabetes: A 2-year randomized clinical trial. Diabetes Obes Metab. 2018 Apr;20(4):858-871. https://pubmed.ncbi.nlm.nih.gov/29178536/accessed 8.9.22
- 10. Neuenschwander M et al. Impact of different dietary approaches on blood lipid control in patients
- Neuenschwander M et al. impact of afferent aletary approaches on blood lipia control in patients with type 2 diabetes mellitus: a systematic review and network meta-analysis. Eur J Epidemiol. 2019;34(9):837-852. https://pubmed.ncbi.nlm.nih.gov/51201670/ Accessed 5.3.22
 Diabetes Australia Blood pressure. Available at URL https://www.diabetesoustralia.com.au/living-with-diabetes/preventing-complications/blood-pressure/ accessed 8.9.22
 Food Standards Australia New Zealand (2014). Systematic review of the evidence for a relationship between sodium and blood pressure. Available at https://www.foodstandards.gov.au/publications/Documents/EU%20health%20claims%20reviews/Systematic%20Review%20
 Sodium%20nessessad 313.72
- Sodium%20and%20blood%20pressure.pdf Accessed 313.22

 13. Harvard Health Publishing (2017). Potassium lowers blood pressure. Available at URL https://www.health.harvard.edu/heart-health/potassium-lowers-blood-pressure accessed 8.9.22

Diabetes-friendly recipe

Partner the good fats and flavour of avocado with protein-rich tuna for this quick, tasty and satisfying light meal on sourdough toast.

1,976kJ and 23g carbohydrates per serve.

Tuna and Avocado Toast

For educational purposes only. Please consult your Accredited Practising Dietitian (APD) or doctor for advice on your personal dietary requirements. © Australian Avocados 2024





