

# A systematic review of brief dietary questionnaires suitable for clinical use in the prevention and management of obesity, cardiovascular disease and type 2 diabetes

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## Appendix 1: Search Process

### Search terms

1. exp nutrition assessment/
2. "diet\* question\*".tw.
3. "diet\* screen\*".tw.
4. "diet\* quality".tw.
5. "diet\*quality".tw.
6. "diet\* assess\*".tw.
7. "diet\* variety".tw.
8. "diet\* scor\*".tw.
9. "diet\* index\*".tw.
10. "diet\* measur\*".tw.
11. "food\* screen\*".tw.
12. "food\* index\*".tw.
13. "food scor\*".tw.
14. "food\* assess\*".tw.
15. "food\* question\*".tw.
16. "food\* measur\*".tw.
17. "nutrient\* scor\*".tw.
18. "nutrient\* index\*".tw.
19. "nutrient\* question\*".tw.
20. "diet\* habit\*".tw.
21. "food\* habit\*".tw.
22. short.tw.
23. brief.tw.
24. quick.tw.
25. rapid.tw.
26. concise.tw.
27. behaviour.tw.
28. exp Adult/
29. 1 or 2 or 3 or 6 or 7 or 8 or 9 or 10 or 11 or 12  
or 13 or 14 or 15 or 16 or 17 or 18 or 19 or 20 or  
21
30. 22 or 23 or 24 or 25 or 26
31. 29 and 30
32. 4 or 5 or 31
33. 28 and 32
34. 28 and 32 and 27
35. limit 33 to (humans and yr=" -Current")

## Inclusion and exclusion criteria

Inclusion criteria	Exclusion criteria
<hr/>	
Dietary criteria	
<ul style="list-style-type: none"> <li>• General healthy eating</li> <li>• Adherence to the Mediterranean diet</li> <li>• Dietary fats</li> <li>• Dietary fibre</li> <li>• Fruit and vegetables (no more than 10 questions)</li> <li>• Sugar</li> <li>• Portion control</li> <li>• Eating behaviour</li> </ul>	<ul style="list-style-type: none"> <li>• Protein</li> <li>• Micronutrients</li> <li>• Single food groups, except fruit and vegetables</li> <li>• Beverages (including alcohol) alone</li> <li>• Allergens</li> <li>• Heterocyclic amines</li> <li>• Malnutrition screening tools</li> <li>• Screen for eating disorders</li> <li>• Tools assessing adherence to diets for other conditions (e.g. allergies, arthritis, gout, renal failure, gastro-intestinal diseases, cancers)</li> <li>• Dietary intentions</li> <li>• Dietary knowledge</li> <li>• Assess psychological aspects of the diet such as dietary restraint</li> <li>• Dietary satisfaction questionnaires</li> </ul>
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Questionnaire criteria	
<ul style="list-style-type: none"> <li>• &lt; 35 questions and, if completion time estimated, stated as <math>\leq 15</math> minutes</li> <li>• Scored at administration</li> <li>• Able to give immediate feedback</li> <li>• Available</li> <li>• Any language</li> </ul>	<ul style="list-style-type: none"> <li>• Relies on diet recall, diet histories or food diaries</li> <li>• Cannot be scored without specialist knowledge</li> <li>• Available electronically only</li> <li>• Scored electronically only</li> <li>• A component of a public health survey or longer research tool (unless used separately and scored on administration)</li> </ul>
<hr/>	
Patient criteria	
<ul style="list-style-type: none"> <li>• Adults</li> <li>• Free living</li> </ul>	<ul style="list-style-type: none"> <li>• Hospital or care-home inpatients</li> <li>• Children and adolescents</li> <li>• Pregnant women</li> <li>• Dementia patients</li> </ul>
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Study criteria	
<ul style="list-style-type: none"> <li>• Describes a test-retest and/or relative validity study of a dietary questionnaire (for completeness reports that describe only the development of a questionnaire that is then subsequently tested for test-retest or relative validity are also examined)development and/or testing</li> <li>• Published in English</li> </ul>	<ul style="list-style-type: none"> <li>• Describes a study where the tool is used as a part of an intervention or for screening purposes</li> </ul>