



BACKGROUND

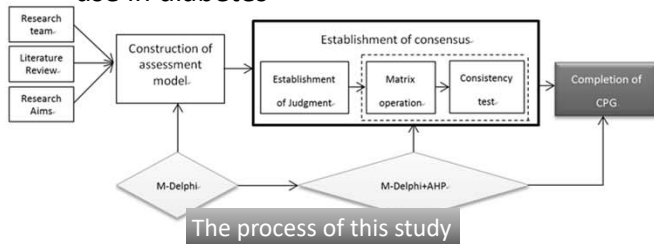
- Lack of clinical practice guideline for the benefit-risk assessment of Complementary and Alternative Medicine (CAM) use in patients with diabetes
- Hard to optimize patient care by making an evidence-based decision on CAM worldwide

AIM

- To develop a guideline-based decision algorithm for assessing the benefit-risk of CAM use in diabetes
- To test the reliability and validity of this algorithm.

METHOD

- Using modified Delphi method & analytic hierarchy process to prioritize the criteria for assessment and management of CAM use in diabetes



RESULTS

- The five domains with 18 criteria regarding the benefit-risk assessment of CAM use in diabetes were identified.
- The most important domain was the safety of CAM use, including side effect, contraindication and medical compliance.
- A panel of experts obtained acceptable consistency and consensus levels ($\lambda_{max}=5.041$, $CI=0.01$, $RI=1.781$, $CR=0.009<0.1$).

AHP structure	λ_{max}	CI	RI	CR
Criteria index	5.041	0.010	1.781	0.009
Sub-criteria index				
Patient data	5.056	0.014	1.781	0.010
Product attributes	3.000	<0.001	1.780	0.001
Applicability	5.013	0.003	1.780	0.003
Safety	3.000	<0.001	1.781	<0.001
Institutional culture	2.000	<0.001	1.780	<0.001

The Judgment Matrices of Consistency



CONCLUSION

- The accuracy of making decision among healthcare professionals depends largely on the required systematic consideration of decision criteria and evidence available to inform them
- The effectiveness and comprehensiveness of guideline-based decision algorithm providing support for professionals are extremely helpful in the process of their decision making on CAM use in diabetes management.

