Supplementary material 3. Results of the Delphi process

Primary indicator	Secondary and tertiary indicators	Round 1				Round 2			
		Importance		Feasibility		Importance		Feasibility	
		Median	Agreement (7-9)	Median	Agreement (7-9)	Median	Agreement (7-9)	Median	Agreement (7-9)
1. **Medical services**	**1.1 Clinical knowledge and skills**								
	▲1.1.1 Possess comprehensive expertise in clinical medicine	-	-	-	-	9	100%	9	100%
	▲1.1.2 Possess comprehensive expertise in general practice	-	-	-	-	9	100%	9	100%
	1.1.3 History taking	9	100%	9	100%	9	100%	9	100%
	1.1.4 Physical examination	9	94.7%	9	100%	9	100%	9	100%
	1.1.5 Clinical test	9	100%	9	100%	9	100%	9	100%
	1.1.6 Basic clinical operation skill	9	100%	9	100%	9	100%	9	100%
	1.1.7 Diagnosis and differential diagnosis	9	100%	9	100%	9	100%	9	100%
	1.1.8 Medical record writing	9	100%	9	100%	9	100%	9	100%
	1.2 Diagnosis and treatment								
	1.2.1 Manage diseases at early stage presenting in an undifferentiated way	9	100%	9	100%	9	100%	9	100%
	1.2.2 Treat outpatient and inpatient	9	100%	9	100%	9	100%	9	100%
	1.2.3 Manage emergency conditions	9	100%	9	94.7%	9	100%	9	94.7%
	1.2.4 Safe and rational use of medicines	9	100%	9	94.7%	9	100%	9	94.7%
	1.2.5 Arrange referrals to specialists or primary care when necessary	9	100%	9	94.7%	9	100%	9	100%
	1.3 Chronic disease management								
	1.3.1 Help patients set chronic disease management goals	9	100%	9	94.7%	9	100%	9	94.7%
	1.3.2 Health education	9	100%	9	100%	9	100%	9	100%
	1.3.3 Medication guidance	9	100%	9	94.7%	9	100%	9	94.7%
	1.3.4 Regular follow-up	9	100%	9	100%	9	100%	9	100%

Supplemental material

BMJ Publishing Group Limited (BMJ) disclaims all liability and responsibility arising from any reliance placed on this supplemental material which has been supplied by the author(s)

BMJ Open

	1.3.5 Help patients improve chronic disease management strategies	9	100%	9	100%	9	100%	9	100%
	▲1.3.6 Direct community-based chronic disease management	-	-	-	-	9	100%	9	94.7%
	1.4 Communication								
	1.4.1 Listen carefully to patients and be empathic	9	100%	9	94.7%	9	100%	9	94.7%
	1.4.2 Explain things clearly and check for patients and families understanding	9	100%	9	100%	9	100%	9	100%
	1.4.3 Discuss with patients and families about their health condition and thoughts	9	100%	9	94.7%	9	100%	9	94.7%
	1.4.4 Propose treatment plan to patients and families	9	100%	9	100%	9	100%	9	100%
	1.4.5 Engage patients and families in making decision of therapy plan that reflect their needs, value and goals	9	100%	9	94.7%	9	100%	9	94.7%
	▲1.4.6 Communicate effectively with colleagues	-	-	-	-	9	100%	9	100%
	▲1.4.7 Communicate effectively with stuffs in primary care institutions	-	-	-	-	9	100%	9	100%
2. Teaching	**2.1 Theoretical lectures**								
	2.1.1 Preparation and design for lectures	9	100%	9	100%	9	100%	9	100%
	▲2.1.2 know about teaching techniques	-	-	-	-	9	100%	9	100%
	2.1.3 Conduct theoretical lectures	9	94.7%	9	100%	9	100%	9	100%
	2.2 Practical teaching								
	2.2.1 Provide instruction to trainees in clinical skills	9	100%	9	100%	9	100%	9	100%
	2.2.2 Provide instruction to trainees in medical records writing	9	100%	9	100%	9	100%	9	100%
	2.2.3 Provide instruction to trainees in disease diagnosis and treatment	9	100%	9	100%	9	100%	9	100%
	2.2.4 Provide instruction to trainees in	9	94.7%	9	100%	9	100%	9	100%

Supplemental material

BMJ Publishing Group Limited (BMJ) disclaims all liability and responsibility arising from any reliance placed on this supplemental material which has been supplied by the author(s)

BMJ Open

	case discussion							
	2.2.5 Conduct joint theoretical lectures with primary care	9	94.7%	9	100%	9	100%	9	100%
	2.2.6 Conduct joint case discussion with primary care	9	100%	9	100%	9	100%	9	100%
	2.2.7 Conduct joint teaching rounds with primary care	9	100%	9	100%	9	100%	9	100%
	2.3 Self-directed learning							
	2.3.1 Practice-based learning and improvement	9	94.7%	8	89.5%	9	94.7%	9	89.5%
	2.3.2 Continuing medical education	9	89.5%	9	89.5%	9	94.7%	9	94.7%
	2.3.3 Participate in academic activities actively	8	84.2%	8	89.5%	9	89.5%	9	89.5%
3. Research	**3.1 Project design and declaration**							
	3.1.1 Literature search	8	89.5%	8	89.5%	9	94.7%	9	94.7%
	3.1.2 Literature reading	8	89.5%	8	89.5%	9	94.7%	9	94.7%
	3.1.3 know about the principles of research	8	89.5%	8	84.2%	9	94.7%	9	94.7%
	3.1.4 Write project application form	8	84.2%	7	78.9%	9	94.7%	9	89.5%
	3.2 Scientific research							
	▲3.2.1 Master investigation techniques	-	-	-	-	8	94.7%	8	94.7%
	3.2.2 Master scientific research methods	8	89.5%	7	84.2%	8	94.7%	8	94.7%
	3.2.3 Carry out scientific research	8	73.7%	8	73.7%	9	89.5%	8	89.5%
	3.3 Report of scientific research results							
	3.3.1 Statistical analysis of data	8	78.9%	7	73.7%	9	94.7%	7	84.2%
	3.3.2 Write paper	8	84.2%	8	89.5%	9	94.7%	9	84.2%
	3.3.3 Show about the scientific research achievements	7	73.7%	8	94.7%	9	94.7%	8	89.5%
4. Prevention	**4.1 Disease prevention**							
	4.1.1 Know about the risk of disease	9	100%	9	100%	9	100%	9	100%
	4.1.2 Assess the risk of disease	9	100%	9	94.7%	9	100%	9	100%
	4.1.3 Intervention on the risk of disease	9	100%	9	100%	9	100%	9	100%

Supplemental material

BMJ Publishing Group Limited (BMJ) disclaims all liability and responsibility arising from any reliance placed on this supplemental material which has been supplied by the author(s)

BMJ Open

4.2 Screening

4.2.1 Early screening	9	100%	9	100%	9	100%	9	94.7%
4.2.2 Early diagnosis	9	100%	9	100%	9	100%	9	94.7%

Note: Indicators in the table are modified versions after two rounds of consultation; experts rated the importance and feasibility of each indicator on a 1–9 Likert

scale (1 = not important/feasible and 9 = very important/feasible).

▲ items added in the second round