

Table 1. Characteristics of asthma control assessment tools

Questionnaire	Number of items	Target age (years)	Recall window	Scoring system	Questionnaire content							Validity	Reliability	Responsiveness
					Symptoms frequency	Reliever use	Activity limitation	Nocturnal symptoms	Exacerbation	Additional measures				
Asthma Control Test (ACT)	5	≥ 12	4 weeks	The score ranges from 5 to 25: (>19) Controlled (16-19) Not well controlled (<16) Very poorly controlled MCID: 3 points	●	●	●	●			Self-perception of control	++++	+++	++
Childhood Asthma Control Test (cACT)	7	4-11	4 weeks	The score ranges from 5 to 27: ≥ 22 indicated well-controlled < 19: Uncontrolled asthma MCID: 2 points	●		●	●			Self-perception of control	++	++	+
Asthma Control Questionnaire (ACQ)	6	≥ 12 6-17	1 week	A seven-point scale ranges from 0 to 6: (<0.5) Controlled (0.5 - <1) Partially controlled (≥1) Uncontrolled MCID: 0.5 points for adults; 0.4 points for children	●	●	●	●			FEV ₁	+++	+++	++
Asthma Therapy Assessment Questionnaire (ATAQ)	4	≥ 18	4 weeks	Number of control dimension: 0: Controlled 1-2: Not well controlled 3-4: Very poorly controlled MCID: Not identified		●	●	●			Self-perception of control	+++	Not evaluated□	+