

Title of Measure	Construct of Measure	Respondent	Age Range	Number of Items	Price
Asthma Control Test	Adherence, symptoms, feelings	Children and parents	4-11	21 items	Free and available as a PDF download on article supplement
Asthma Inventory for Children	Adherence	Parents, healthcare providers and youth ages, 9-13	9-13	depends on version used	Unknown
Asthma Knowledge Questionnaire*	Knowledge	Parents	Elementary School Age	25 items	Availability unknown
Asthma Responsibility Questionnaire (ARQ)	Responsibility for Asthma Management	Parent	7-15	10 items	Included in cited article (McQuaid, et al., 2001)
Asthma Self-Efficacy Scale	Self Efficacy	Children and parents	7-15	9 items	Included in cited article (Bursch et al., 1999)
Family Asthma Management System Scale	Management (knowledge, symptoms, response, control, adherence, communication, family impact)	Children and parents	7-17	11 interview domains	Email authors
Mini Asthma Quality of Life Questionnaire	QoL	Children?	7+	15 items	Free for non-commercial practice and research; one-time fee per organization for funded accounts
Parent Asthma Anxiety Scale (PAAS)	Parent asthma-specific anxiety	Parents		12 items	Free
Paediatric Asthma Quality of Life	QoL	Children	7+	23 items	Free for non-commercial practice and research; one-time fee per organization for funded accounts
Pediatric Asthma Caregiver's Quality of Life Questionnaire (PACQLQ)	QoL	Caregivers	parents of children 7-17	13 items	Free for non-commercial practice and research; one-time fee per organization for funded accounts
Pediatric/Adolescent Asthma Therapy Assessment Questionnaire (ATAQ)	Symptom management, barriers, self-efficacy, communication	Parents	5-17	6 items	Available through Merck and eProvide
PedsQL Asthma	QoL	Parents and Children	2-18	20-28 items depending upon age of child and form chosen	Available through eProvide; free for unfunded research and clinical use. Must sign user agreement on eProvide website.
The Self-Efficacy Scale for Children and Adolescents with Asthma	Self-Efficacy	Youth	10-18	22 items	Unknown

<b>Severity of Chronic Asthma (SCA)</b>	Disease Severity	Parents	Unknown	3 items	included as Appendix in cited article (Horner et al., 2006)
<b>Standardised Paediatric Asthma Quality of Life Questionnaire</b>	QoL	Children	7+	23 items	Free for non-commercial practice and research; one-time fee per organization for funded accounts
<b>Test for Respiratory and Asthma Control in Kids (TRACK)</b>	Respiratory Control	Parents	0-5	5 items	Included in cited article (Murphy et al., 2009)
<b>Youth Asthma Anxiety Scale (YAAS)</b>	Asthma-specific anxiety	Children	Child ages 10-16	10 items	Free

Title of Measure	Citation	Citations for Studies Utilizing Measure
Asthma Control Test	Liu, A., Zeiger, R., Sorkness, C., Mahr, T., Ostrom, N., & Burgess, S. et al. (2007). Development and cross-sectional validation of the Childhood Asthma Control Test. <i>Journal Of Allergy And Clinical Immunology</i> , 119(4), 817-825. doi:10.1016/j.jaci.2006.12.662	Liu, A., Zeiger, R., Sorkness, C., Ostrom, N., Chipps, B., & Rosa, K. et al. (2010). The Childhood Asthma Control Test*: Retrospective determination and clinical validation of a cut point to identify children with very poorly controlled asthma. <i>Journal Of Allergy And Clinical Immunology</i> , 126(2), 267-273.e1. doi:10.1016/j.jaci.2010.05.031
Asthma Inventory for Children	American Institute for Research. (1984). AIRPOWER: A self-management educational program for children with asthma and their parents. Washington DC: Government Printing Office.	Kieckhefer GM. Testing self-perception of health theory to predict health promotion and illness management behavior in children with asthma. <i>J Pediatr Nurs.</i> 1987;2:381-3
Asthma Knowledge Questionnaire*	Ho, J., Bender, B., Gavin, L., O'Connor, S., Wamboldt, M., & Wamboldt, F. (2003). Relations among asthma knowledge, treatment adherence, and outcome. <i>Journal Of Allergy And Clinical Immunology</i> , 111(3), 498-502. doi:10.1067/mai.2003.160	
Asthma Responsibility Questionnaire (ARQ)	McQuaid, E.L., Penza-Clyve, S.M., Nassau, J.H., Fritz, G. K., Klein, R., O'Connor, S., Wamboldt, F. & Gavin, L. (2001)The Asthma Responsibility Questionnaire: Patterns of Family Responsibility for Asthma Management, <u><i>Children's Health Care</i></u> , 30:3, 183-199, DOI: 10.1207/S15326888CHC3003_2	
Asthma Self-Efficacy Scale	Bursch B, Schwankovsky L, Gilbert J, Zeiger R. Construction and validation of four childhood asthma self-management scales: Parent barriers, child and parent self-efficacy, and parent belief in treatment efficacy, <i>Journal of Asthma</i> , 1999, vol. 36 1(pg. 115-128)	
Family Asthma Management System Scale	Klinner, M., Gavin, LA & McQuaid, E. L. (1997) Assessing the Family Asthma Management System, <i>Journal of Asthma</i> , 34:1, 77-88	McQuaid E, Walders N, Kopel S, Fritz G, Klinner M. Pediatric asthma management in the family context: The family asthma management system scale, <i>Journal of Pediatric Psychology</i> , 2005, vol. 30 (pg. 492-502)
Mini Asthma Quality of Life Questionnaire	Juniper, E., Guyatt, G., Cox, F., Ferrie, P., & King, D. (1999). Development and validation of the Mini Asthma Quality of Life Questionnaire. <i>European Respiratory Journal</i> , 14(1), 32-38.	
Parent Asthma Anxiety Scale (PAAS)	Bruzzeze, J.-M., Unikel, L. H., Shroud, P. E., & Klein, R. G. (2011). Youth and Parent Versions of the Asthma-Related Anxiety Scale: Development and Initial Testing. <i>Pediatric Allergy, Immunology, and Pulmonology</i> , 24(2), 95–105. <a href="https://doi.org/10.1089/ped.2011.0076">https://doi.org/10.1089/ped.2011.0076</a>	Bruzzeze, J.-M., Reigada, L. C., Lamm, A., Wang, J., Li, M., Zandieh, S. O., & Klein, R. G. (2016). Association of Youth and Caregiver Anxiety and Asthma Care Among Urban Young Adolescents. <i>Academic Pediatrics</i> , 16(8), 792–798. <a href="https://doi.org/10.1016/j.acap.2016.03.009">https://doi.org/10.1016/j.acap.2016.03.009</a>
Paediatric Asthma Quality of Life	Juniper EF, Guyatt GH, Feeny DH, Ferrie PJ, Griffith LE, Townsend M. Measuring quality of life in children with asthma. <i>Qual Life Re s</i> 1996; 5: 35 -46.	Guyatt GH, Juniper EF, Feeny DH, Griffith LE. Children and adult perceptions of childhood asthma. <i>Pediatrics</i> 1997; 99: 165-168
Pediatric Asthma Caregiver's Quality of Life Questionnaire (PACQLQ)	Juniper EF, Guyatt GH, Feeny DH, Ferrie PJ, Griffith LE, Townsend M. Measuring quality of life in the parents of children with asthma. <i>Qual Life Res</i> 1996; 5: 27 -34.	
Pediatric/Adolescent Asthma Therapy Assessment Questionnaire (ATAQ)	E.A. Skinner, G.B. Diette, P.J. Algatt-Bergstrom, T.T. Nguyen, R.D. Clark, L.E. Markson, et al. The asthma therapy assessment questionnaire (ATAQ) for children and adolescents. <i>Disease Management</i> , 7 (4) (2004), pp. 305-313	
PedsQL Asthma	Varni, J.W., Burwinkle, T.M., Rapoff, M.A., Kamps, J.L., & Olson, N. (2004). The PedsQL™ in pediatric asthma: Reliability and validity of the Pediatric Quality of Life Inventory™ Generic Core Scales and Asthma Module. <i>Journal of Behavioral Medicine</i> , 27, 297-318.	Seid, M., D'Amico, E.J., Varni, J.W., Munafò, J., Britto, M., Kercsmar, C., Drotar, D., King, E., & Darbie, L. (2012). The In Vivo adherence intervention for at risk adolescents with asthma: Report of a randomized pilot trial. <i>Journal of Pediatric Psychology</i> , 37, 390-403.
The Self-Efficacy Scale for Children and Adolescents with Asthma	Schlosser, M. & Havermans, G. (1992). A Self-Efficacy Scale for Children and Adolescents with Asthma: Construction and Validation. <i>The Journal of Asthma</i> , 29, 2.	

**Severity of Chronic Asthma (SCA)**

Horner SD, Kieckhefer GM, Fouladi RT. Measuring asthma severity: instrument refinement. *J Asthma* 2006;43:533–538

Silva, C.M., & Barros, L. (2013). Asthma knowledge, subjective assessment of severity and symptom perception in parents of children with asthma. *Journal of Asthma*, 50:9 1002-1009.

**Standardised Paediatric Asthma Quality of Life Questionnaire**

according to website, this measure is undergoing validation

**Test for Respiratory and Asthma Control in Kids (TRACK)**

Murphy, K., Zeiger, R., Kosinski, M., Chipps, B., Mellon, M., & Schatz, M. et al. (2009). Test for Respiratory and Asthma Control in Kids (TRACK): A caregiver-completed questionnaire for preschool-aged children. *Journal Of Allergy And Clinical Immunology*, 123 (4), 833-839.e9. doi:10.1016/j.jaci.2009.01.058

**Youth Asthma Anxiety Scale (YAAS)**

Bruzzese, J.-M., Unikel, L. H., Shrout, P. E., & Klein, R. G. (2011). Youth and Parent Versions of the Asthma-Related Anxiety Scale: Development and Initial Testing. *Pediatric Allergy, Immunology, and Pulmonology*, 24(2), 95–105. <https://doi.org/10.1089/ped.2011.0076>

Bruzzese, J.-M., Reigada, L. C., Lamm, A., Wang, J., Li, M., Zandieh, S. O., & Klein, R. G. (2016). Association of Youth and Caregiver Anxiety and Asthma Care Among Urban Young Adolescents. *Academic Pediatrics*, 16(8), 792–798. <https://doi.org/10.1016/j.acap.2016.03.009>

Title of Measure	Notes
Asthma Control Test	Questionnaire cut off points listed in 2010 article
Asthma Inventory for Children	Kaul, T. (2010). Helping African American children self-manage asthma: the importance of self-efficacy. <i>Journal of School Health</i> , 81: 29-33.
Asthma Knowledge Questionnaire*	*Publication reports low reliability and a lack of association with health outcomes
Asthma Responsibility Questionnaire (ARQ)	
Asthma Self-Efficacy Scale	
Family Asthma Management System Scale	Celano, M., Klinnert, M., Holsey, C., & McQuaid, E. (201). Validity of the Family Asthma Management System Scale with an Urban African-American Sample. <i>Journal Of Pediatric Psychology</i> , 36(5), 576-585. doi:10.1093/jpepsy/jsp083 Semistructured interview format
Mini Asthma Quality of Life Questionnaire	Shorter version of the Asthma Quality of Life Questionnaire
Parent Asthma Anxiety Scale (PAAS)	
Paediatric Asthma Quality of Life	Paper, Electronic, and Interviewer versions available; patients can answer via web portal and/or clinicians can enter ratings online for scoring
Pediatric Asthma Caregiver's Quality of Life Questionnaire (PACQLQ)	Parent self-report of their QoL
Pediatric/Adolescent Asthma Therapy Assessment Questionnaire (ATAQ)	
PedsQL Asthma	Greenley, R.N., Josie, K.L. & Drotar, D. (2008). Self-reported quality of life among inner-city youth with asthma. An empirical examination of the PedsQL™ 3.0 Asthma Module. <i>Annals of Allergy, Asthma and Immunology</i> , 100, 106-111. Acute and Standard versions available
The Self-Efficacy Scale for Children and Adolescents with Asthma	

**Severity of Chronic Asthma (SCA)**

Brief, available in Spanish

**Standardised Paediatric Asthma Quality of Life Questionnaire**

Similar to the Paediatric Asthma Quality of Life Questionnaire but  
Includes generic (instead of patient-specific) activity questions. Paper,  
Electronic, and Interviewer versions available; patients can answer via  
web portal and/or clinicians can enter ratings online for scoring

**Test for Respiratory and Asthma Control in Kids (TRACK)**

**Youth Asthma Anxiety Scale (YAAS)**

Bruzzese, J. M., Kingston, S., Zhao, Y., DiMeglio, J. S., Céspedes, A., & George, M. (2016).  
Psychological Factors Influencing the Decision of Urban Adolescents With Undiagnosed Asthma to  
Obtain Medical Care. *The Journal of adolescent health : official publication of the Society for  
Adolescent Medicine*, 59(5), 543–548. <https://doi.org/10.1016/j.jadohealth.2016.06.010>

**Title of Measure**

**Website**

Asthma Control Test

Asthma Inventory for Children

Asthma Knowledge Questionnaire\*

Asthma Responsibility Questionnaire (ARQ)

Asthma Self-Efficacy Scale

Family Asthma Management System Scale

Mini Asthma Quality of Life Questionnaire

Parent Asthma Anxiety Scale (PAAS)

Paediatric Asthma Quality of Life

<http://www.qoltech.co.uk/questionnaires.htm>

Pediatric Asthma Caregiver's Quality of Life Questionnaire (PACQLQ)

Pediatric/Adolescent Asthma Therapy Assessment Questionnaire (ATAQ)

PedsQL Asthma

<https://eovide.mapi-trust.org/instruments/pediatric-quality-of-life-inventory-asthma-module>

The Self-Efficacy Scale for Children and Adolescents with Asthma

Severity of Chronic Asthma (SCA)

Standardised Paediatric Asthma Quality of Life Questionnaire

Test for Respiratory and Asthma Control in Kids (TRACK)

Youth Asthma Anxiety Scale (YAAS)