



## Ages & Stages Questionnaires® (ASQ®)

### Articles endorsing Ages & Stages Questionnaires® as an accurate, cost-effective, parent-friendly instrument for screening and monitoring of preschool children:

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- Faruk T, King C, Muhit M, et al. (2020). Screening tools for early identification of children with developmental delay in low- and middle-income countries: A systematic review. *BMJ Open* 2020;10:e038182. doi: 10.1136/bmjopen-2020-038182
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- Kendall, S., Nash, A., Braun, A., Bastug, G., Rougeaux, E., & Bedford, H. (2019). Acceptability and understanding of the Ages & Stages Questionnaires, Third Edition, as part of the Healthy Child Programme 2-year health and development review in England: Parent and professional perspectives. *Child Care Health Development*, 45:251-256.
- Lamsal, R., Dutton, D., & Zwicker, J. (2018). Using the Ages and Stages Questionnaire in the general population as a measure for identifying children not at risk of a neurodevelopmental disorder. *BMC Pediatrics*. [doi.org/10.1186/s12887-018-1105-z](https://doi.org/10.1186/s12887-018-1105-z).
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- Limbos, M., & Joyce, D. (2011). Comparison of the ASQ and PEDS in Screening for Developmental Delay in Children Presenting for Primary Care. *Journal of Developmental and Behavioral Pediatrics*, 32(7), 499–511.
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### **ASQ Review Articles**

- Cibralic, S., Hawker, P., Khan, F., et al. (2023). Developmental screening tools for identification of children with developmental difficulties in high-income countries: a systematic review. *Child and Adolescent Psychiatry*. Doi: 10.3389/frcha.2023.1074004
- Dahiya, A., DeLucia, E., McDonnell, C., & Scarpa, A. (2021). A systematic review of technical approaches for autism spectrum disorder assessment in children: Implications for the COVID-19 pandemic. *Research in Developmental Disabilities*. 109.103852. <https://doi.org/10.1016/j.ridd.2021.103852>
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Marks, K., Sjo, N., & Wilson, P. (2018). Comparative use of the Ages and Stages Questionnaires in the US and Scandinavia: a systematic review. *Developmental Medicine and Child Neurology*, DOI: 10.1111/dmcn.14044.

Rousseau, M., Dionne, C., Savard, R.T., Schonhaut, L., & Londono, M. (2021). Translation and cultural adaptation of the Ages and Stages Questionnaires (ASQ) worldwide: A scoping review. *J Dev Behav Pediatr*. 42(6):490-501. doi: 10.1097/DBP.0000000000000940. PMID: 33990508.

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### **Psychometric studies:**

Agarwal, H., Xie, A., et al. (2024). Concurrent validity of the ages and stages questionnaires with Bayley Scales of Infant Development-III at 2 years - Singapore cohort study. *Pediatrics and Neonatology*, DOI: 10.1016/j.pedneo.2023.03.013

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Astivia, O., Forer, B., Dueker, G., Cowling, C., & Guhn, M. (2017). The Ages and Stages Questionnaire: Latent factor structure and growth of latent mean scores over time. *Early Human Development* (115), 99-109.

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and Stages Questionnaires - Japanese translation. *Pediatrics International*. DOI: 10.1111/ped.13990.

Otalvarao, A., Granana, N., Gaeto, N. et al. (2018). ASQ-3: validación del Cuestionario de Edades y Etapas para la detección de trastornos del neurodesarrollo en niños argentinos. *Archivos Argentinos de Pediatría* 116(1):7-13.

Schonhaut, L., Martinez-Nadal, Sl., Armijo, Il, & Demestre, X. (2019). Reliability and agreement of Ages and Stages Questionnaires: Results in late preterm and term-born infants at 24 and 48 months. *Early Human Development* 128, 55-61.

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### **Early detection of autism, joint committee for screening and diagnosis of autism and used for first level ASD screening:**

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- Oien, R., Schjolberg, S., Volkmar, F., Shic, F. et al. (2018). Clinical features of children with autism who passed 18-month screening. *Pediatrics*, 141(8).  
Doi.org/10.1542/peds.2017.3596.
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- Valdez, M., et al. (2022). Autism spectrum disorder screening practices in the United States and Mexico. *Contemporary Research in Disability and Rehabilitation*, 3, (2), 1-20.

### **Recommended for general developmental follow-up:**

- Abdelbaky, O., Deifallah, S., et al. (2022). Screening for developmental delays in children 2-36 months of age in a primary health care center in Cairo, Egypt. *Journal of High Institute of Public Health*. OI: 10.21608/JHIPH.2022.254505.
- Ahsan, S., Murphy, G., Kealy, S., & Sharif, F. (2008). Current developmental surveillance: Is it time for change? *The Irish Medical Journal*, 101(4), 110-2.
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- Costa, B., White, P., et al. (2022). Parent-reported socioemotional and cognitive development of children with a cleft lip and/or palate at 18 months: Findings from a UK birth cohort. *Child Care Health Development*, 47:31-39.
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#### **Used successfully for screening and developmental surveillance in office settings:**

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Worcester, S. (2007, September). Ages and Stages' Screen Improves Referral Rates. *Pediatric News*, *41*(9), 24–25.

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Also see: <http://www.agesandstages.com>