

## original article

# Early Intervention Tool (EIT) for children with developmental delay: A pilot study

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Children with developmental delay (DD) are at a higher risk for intellectual disabilities (Lakhan, 2013; Shevell, 2010; Shevell, 2008). Intellectual developmental disorder (IDD) (McIntyre & Brown, 2013) is a new word coined for intellectual disabilities in the recent Diagnostic and Statistical Manual of Mental Disorders, Fifth Edition (DSM-V) (Pynoos, 2013). An intellectual developmental disorder affects an individual's life in terms of self-help care, education, family, occupation and social life (Lakhan, 2013; Wehmeyer & Garner, 2003; Seltzer et al., 2001). Cognitive, communications, motor and social are considered the four main areas of child development. Significant delay in any one area is considered developmental delay. Coexisting conditions such as epilepsy, cerebral palsy, psychiatric disorder are very common with developmental delay and may pose an even higher level of risk for a child becoming intellectually disabled (Kogan et al., 2009). Early identification and intervention is highly crucial (Singh & Squires, 2014; Lakhan, 2013; Sheldrick et al., 2011; Matson et al., 2010; Shevell, 2010).

DD children face enormous challenges in their lives if not treated on time. Therefore, attempts should be made to recognize such delay and provide early intervention (Girimaji, 2008). Early intervention reduces both the chance of secondary disabilities and increased severity (Singh et al., 2014; Allen, et al., 2013; Bagner et al., 2013; Case-Smith, 2013; Engle et al.,

2013; McIntyre & Brown, 2013).

Developmental screening constitutes an ongoing process of monitoring the status of a child by gathering information about development from multiple sources, including skillful direct observation from parents/caregivers and relevant professionals (Squires et al., 1996; Gilbride, 1995). The American Academy of Pediatrics and the British Joint Working Party on Child Health Services recommend developmental screening as an effective means to identify children with developmental delay (Garg & Dworkin, 2011; Shevell, 2010). Developmental screening refers to a brief process of testing in order to identify those who are at risk for developmental delay. Developmental screening identifies those who are in need of further evaluation for eligibility for specialized services (Das et al., 2013; Overton, 2009; Rydz, Shevell, Majnemer, & Oskoui, 2005). For early identification and detection of delays, attention has shifted to developmental screening (Gregoire, & Lucky, 2012). Developmental screening is viewed as a necessary strategy in the primary prevention of developmental disabilities (Katoff & Reuter, 1980).

Currently, early intervention services are being offered in various settings including rehabilitation centers, special schools, community-based rehabilitation projects and child guidance clinics by different rehabilitation professionals. Early intervention can be very specific depending on the nature and severity of developmental delay (Rapee, 2013). Professionals have the ability to choose the

appropriate tools to monitor and evaluate the progress of a DD child, especially if an intervention is targeted towards a particular coexisting condition such as cerebral palsy, communication, cognitive functions, psychiatric disorder etc. There is a need for a simple, reliable, valid, less time consuming and easy to use tool to measure the comprehensive progress of a child with DD in all the domains of development (Moss & Hurley, 2014; Baker et al., 2013; CPNP-PC & Daniels, 2013; Illingworth, 2013). Worldwide prevalence of developmental disabilities has risen in the last decade (CDC, 2013). This increased prevalence demands more infrastructural resources, and professionals to serve the needs of the population. A low and middle-income country such as India does not have the capacity to serve the DD population via a multidisciplinary team. In general, there is huge shortage of trained EIT professionals in India. Available professionals are situated in big towns and cities and they do not prefer to serve in rural communities. In that situation, especially, in rural and more disadvantaged areas of India early intervention services are offered by community based organizations and paraprofessionals in most cases under supervision of trained professionals. Thus, there is a need for an easy, comprehensive and time-efficient tool to measure the progress of a child who is receiving the intervention. (Das & Singh, 2013; Lakhan, 2013; Poon et al., 2010).

The Functional Assessment checklist for programming (FACP), Madras Developmental Program Schedule (MDPs), and Portage guide (Kohli, 1990) are commonly used tools in India. These tools are standardized and very reliable. However their administration in community settings (Dougherty, 2013) is not always feasible due to time constraints, complexity in scoring (Kammerer et al., 2013; Lukersmith, 2013; Nosworthy et al., 2013, Robertson & Blaga, 2013). To address this need in a community

based rehabilitation project in Barwani, state of Madhya Pradesh, an Early Intervention Tool (EIT) was developed by the authors.

### *Objective*

The objective is to describe an early intervention tool and its use in measuring the effect of early intervention and assessment for children with developmental delay. EIT includes four domains or developmental areas: (i) physical; (ii) cognitive; (iii) communication; and (iv) social development and is designed to monitor the typical development of children between 3 months to 36 months.

## **Method**

The EIT was developed by the authors in a community based rehabilitation (CBR) project in Barwani, India, which is one of the poorest district in the state of Madhya Pradesh situated in India (Lakhan, 2013). This tool was developed for community based rehabilitation workers, rural health workers, physicians, rehabilitation therapist, social workers, parents and psychologists.

### *Process of Design and Validation*

The items listed on the scale were developed in consultation with a child psychiatrist, a clinical psychologist, a physiotherapist, a speech therapist, an occupational therapist, a medical and psychiatric social worker and a specialist in mental retardation. Millstones from all four areas of development were selected first. These milestones/items were culturally adopted from other standardized tests including the FACP (Narayan, et al., 1990), the Developmental Screening Test (Bharat, 1983), the Vineland Social Maturity Scale (Indian adaptation by Malin; revised by Bharat Raj, 1992), MDPS

(Jeyachandran & Vimala., 2000), Portage Guide (Kohli, 1990), BASIC-MR (Peshawaria & Venkatesan, 1992). These modified test items were placed in lower to higher order and circulated among the professionals. Suggestions and comments were incorporated in finalizing the 14 item scale applicable for children with DD. It is important for a tool to be reliable and valid (Gowen et al., 2012; Fink, 2002). For validation EIT was administered on 19 children (12 tribal and 7 non-tribals) in Barwani and Pati Blocks, of Barwani District in India by community based rehabilitation workers. Other professionals, physiotherapists, occupational therapists and specialists in intellectual disabilities also administered EIT on their clients and provided their feedback. Administration was conducted in different settings. Data obtained on 19 children supports internal consistency and face validity of the tool. Based on the results of these administrations, EIT was found easy to use, less time consuming, reliable and valid. Items listed in the tool were found to simple and easy to understand by non-tribal and tribal parents with and without education. Tribal and non-tribal communities speak two different languages. Tribal community is highly underprivileged, habilitated in disperse hamlets, and heavily relies on traditional faith healing. The tool was administrable on both populations. The results were comparable to other standardized early intervention instruments: Functional Assessment Checklist for Programming FACP (Narayan et al., 1990), Portage Guide Indian adaptation (Pratibha, 2013; Kohli, 1990), and Language Assessment Tool (Subbarao, 1990).

## Results

EIT contains 14-items (see Appendix). Items included four domains or developmental areas;

physical, cognitive, communication and social development. It is based on a likert scale. Items are scored with numbers 0-5. Number 0 represents no progress, and the number 5 represents maximal progress or the attainment of the milestone. This assessment tool can be administered by parents, teachers, community workers, rural health workers, social workers, psychologists, rehabilitation therapists, pediatrics, rural health physicians, nurses and professionals in any setting. Scores are assigned on the basis of a parent's/caregivers responses and direct observation of professional's, who is delivering early intervention to the child or assessing the child to start intervention. Direct observation by professionals is not the criteria of assigning the scores on EIT, but this consultative process of assigning scores helps both parties (parent and therapist) to understand scoring patterns and stay on same level of understating during the intervention process. This tool measures development between ages 3 months to 3 years. However it can be administered from age of 3 months to 6 years. It can also be administered in order to design and monitor interventions with older age groups of children with confirmed diagnosis of moderate or lower level intellectual disabilities. The diagnosis result is valid for one year. It is designed to be administered every quarter (3 months) and/or for four times in a year to monitor the developmental progress.

## Limitations

The EIT tool primarily belongs to the discipline of developmental and health psychology. The EIT tool can provide an indication of deficit in development in quantifiable terms, but the results cannot be matched with other standard psychological tests such as the DST and VSMS in terms of the

diagnostic criteria of DD.

## Conclusion

The EIT tool helps users to measure progress in four domains of development in quantifiable terms. This tool can be easily used by variety of professionals and parents due to its simple language and easy scoring. Compared to other existing tools, EIT takes far less time in administration. It is a parent/caregivers and professional friendly assessment tool.

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## References

- Allen, D., Langthorne, P., Tonge, B., Emerson, E., McGill, P., Fletcher, R., & Kennedy, C. (2013). Towards the prevention of behavioural and psychiatric disorders in people with intellectual disabilities. *Journal of Applied Research in Intellectual Disabilities*, 26(6), 501-14.
- Bagner, D. M., Frazier, S. L., & Berkovits, M. (2013). Getting ready for preschool: Linking early intervention and family mental health for infants and toddlers with developmental delay. *Administration and Policy in Mental Health and Mental Health Services Research*, 1-5.
- Baker, M., Schafer, G., Alcock, K. J., & Bartlett, S. (2013). A parentally administered cognitive development assessment for children from 10 to 24 months. *Infant Behavior and Development*, 36(2), 279-287.
- Bharat, R. (1992). *Vineland social maturity scale – Indian adaptation: Enlarged version*. Mysore: Swayamsiddha Prakashanam.
- Bharat, R. (1983). *Developmental Screening Test: Journal Manual*. Mysore: Padmashree.
- Case-Smith, J. (2013). Systematic review of interventions to promote social-emotional development in young children with or at risk for disability. *The American Journal of Occupational Therapy*, 67(4), 395-404.
- CDC (2013). Center for disease control and prevention looks ahead. *Public Health Issues*, 13.
- CPNP-PC, A. C., & Daniels, D. A. (2013). Neurological assessment of the neonate, infant, child, and adolescent. In C. C. Cartwright & D. C. Wallace (Eds), *Nursing Care of the Pediatric Neurosurgery Patient* (pp. 1-35). Berlin: Springer.
- Das, A. K., Gichuru, M., & Singh, A. (2013). Implementing inclusive education in Delhi, India: Regular school teachers' preferences for professional development delivery modes. *Professional Development in Education*, 39(5), 698-711.
- Das, A., & Singh, A. (2013). Training needs of secondary regular education teachers to implement inclusive education in Delhi, India. In R. McBride & M. Searson (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference*, (pp. 5003). Chesapeake, VA: AACE.
- Dougherty, A. M. (2013). *Psychological consultation and collaboration in school and community settings* (5th Ed.). Belmont: Cengage Learning.
- Engle, P. L., Young, M. E., & Tamburlini, G. (2013). The role of the health sector in early



- childhood development. In P.R., Britlo, P.L. Engle, & C.M. Super, (Eds). *Handbook of early childhood development research and its impact on global policy* (pp. 183). New York: Oxford University Press.
- Fink, A. (2002). *The Survey Handbook*. London: Sage publication.
- Garg, A., & Dworkin, P. H. (2011). Applying surveillance and screening to family psychosocial issues: implications for the medical home. *Journal of developmental and behavioral pediatrics*, 32(5), 418-426.
- Gilbride, K. E. (1995). Developmental testing. *Pediatrics in Review*, 16(9), 338-345.
- Girimaji, S. C. (2008). *Clinical practice guidelines for the diagnosis and management of children with mental retardation*. Bangalore: NIMHANS. Retrieved from: [http://www.indianjpsychiatry.org/cpg/cpg2008/CPG-CAP\\_05.pdf](http://www.indianjpsychiatry.org/cpg/cpg2008/CPG-CAP_05.pdf)
- Gowen, L. K., Bandurraga, A., Jivanjee, P., Cross, T., & Friesen, B. J. (2012). Development, testing, and use of a valid and reliable assessment tool for urban American Indian/Alaska Native Youth programming using culturally appropriate methodologies. *Journal of Ethnic and Cultural Diversity in Social Work*, 21(2), 77-94.
- Gregoire, J., & Lucky, L. (2012). *Evaluating the effectiveness of a public school Prekindergarten program for children with disabilities*. Retrieved from : [http://digitalcommons.fiu.edu/cgi/viewcontent.cgi?article=1010&context=sferc&seiredir=1&referer=http%3A%2F%2Fscholar.google.com%2Fscholar%3Fq%3DEvaluating%2Bthe%2BEffectiveness%2Bof%2Ba%2BPublic%2BSchool%2BPrekindergarten%2BProgram%2Bfor%2BChildren%2Bwith%2BDisabilities%26btnG%3D%26hl%3Den%26as\\_sdt%3D0%252C25#search=%22Evaluating%20Effectiveness%20Public%20School%20Prekindergarten%20Program%20Children%20Disabilities%22](http://digitalcommons.fiu.edu/cgi/viewcontent.cgi?article=1010&context=sferc&seiredir=1&referer=http%3A%2F%2Fscholar.google.com%2Fscholar%3Fq%3DEvaluating%2Bthe%2BEffectiveness%2Bof%2Ba%2BPublic%2BSchool%2BPrekindergarten%2BProgram%2Bfor%2BChildren%2Bwith%2BDisabilities%26btnG%3D%26hl%3Den%26as_sdt%3D0%252C25#search=%22Evaluating%20Effectiveness%20Public%20School%20Prekindergarten%20Program%20Children%20Disabilities%22)
- Illingworth, R. S. Nair, M. K. C., & Russell, P. (2013). *The development of the infant and the young child: Normal and abnormal*. New Delhi: Elsevier Health Sciences.
- Jeyachandran, P., Vimala. (2000). *Madras developmental programming system*. Chennai: Vijaya Human Services.
- Kammerer, B., Isquith, P. K., & Lundy, S. (2013). Approaches to assessment of very young children in Africa in the context of HIV. In M.J. Boivin and B. Giordani (eds.), *Neuropsychology of children in Africa: 17 perspectives on risk and resilience, specialty topics in pediatric neuropsychology* (pp. 17-36). New York: Springer.
- Katoff, L., & Reuter, J. (1980). Review of developmental screening tests for infants. *Journal of Clinical Child Psychology*, 9, 30-34.
- Kogan, M. D., Blumberg, S. J., Schieve, L. A., Boyle, C. A., Perrin, J. M., Ghandour, R. M., ... & van Dyck, P. C. (2009). Prevalence of parent-reported diagnosis of autism spectrum disorder among children in the US, 2007. *Pediatrics*, 124(5), 1395-1403.
- Kohli, T. (1990). Impact of home-center based training program in reducing developmental deficiencies of disadvantaged children. *Indian Journal of Disability and Rehabilitation*, 4(2), 65-74.
- Lakhan, R., Mario, A., Qureshi, F. N., & Hall, M. L. (2013). Early intervention services to children with developmental delay in resource poor settings in India. *Nepal Journal of Medical Sciences*, 2(2), 149-55.
- Lakhan, R. (2013). Inclusion of children with intellectual and multiple disabilities: A community-based rehabilitation approach, India. *Journal of Special Education and Rehabilitation*, 14 (1-2), 79-97.
- Lakhan R. (2013). Intelligence quotient is associated with epilepsy in children with intellectual disability in India. *Journal of Neuroscience in Rural Practice*, 4(4), 408-12.
- Lukersmith, S., Hartley, S., Kuipers, P., Madden, R., Llewellyn, G., & Dune, T. (2013).

- Community-based rehabilitation (CBR) monitoring and evaluation methods and tools: a literature review. *Disability & Rehabilitation*, 35(23), 1941-1953.
- Matson, J. L., Hess, J. A., & Boisjoli, J. A. (2010). Comorbid psychopathology in infants and toddlers with autism and pervasive developmental disorders-not otherwise specified (PDD-NOS). *Research in Autism Spectrum Disorders*, 4(2), 300-304.
- McIntyre, L. L., & Brown, M. (2013). Involving family in the prevention and intervention of behavior problems in individuals with intellectual and developmental disabilities. In D. D. Reed, F. D. DiGennaro Reed & J. K. Luiselli (Eds), *Handbook of crisis intervention and developmental disabilities* (pp. 245-258). New York: Springer.
- Moss, S., & Hurley, A. D. (2014). Integrating assessment instruments within the diagnostic process. In E. Tsakanikos, & J. McCarthy (Eds), *Handbook of psychopathology in intellectual disability*, (pp. 43-61). New York: Springer.
- Narayan J. (2007). *Intellectual disability: A manual for CBR workers*. New Delhi: World Health Organization, Mental Health and Substance Abuse, Department of Noncommunicable Diseases and Mental Health.
- Nosworthy, N., Bugden, S., Archibald, L., Evans, B., & Ansari, D. (2013). A two-minute paper-and-pencil test of symbolic and nonsymbolic numerical magnitude processing explains variability in primary school children's arithmetic competence. *PloS one*, 8(7), e67918.
- Overton, T. (2009). *Assessing learners with special needs: An applied approach* (6th ed). Upper Saddle River, NJ: Pearson.
- Peshawaria, R., Venkatesan, S. (1992). *Behavioral assessment scales for Indian children with mental retardation (BASIC-MR)*. Secunderabad, India: National Institute for Mentally Handicapped.
- Poon, J. K., LaRosa, A. C., & Pai, G. S. (2010). Developmental delay: timely identification and assessment. *Indian Journal of Pediatrics*, 47(5), 415-422.
- Pratibha, M. (2013). Application of portage training programme to improve the motor skills of pre-school intellectually challenged children. *International Journal of Management and Social Sciences Research*, 2(4), 59-63.
- Pynoos, R. S. (2013). DSM-V PTSD diagnostic criteria for children and adolescents: A developmental perspective and recommendations. *Journal of Traumatic Stress*, 26(1), 173-173.
- Rapee, R. M. (2013). The preventative effects of a brief, early intervention for preschool-aged children at risk for internalising: follow-up into middle adolescence. *Journal of Child Psychology and Psychiatry*, 54(7), 780-788.
- Robertson, L., & Blaga, L. (2013). Occupational therapy assessments used in acute physical care settings. *Scandinavian journal of occupational therapy*, 20(2), 127-135.
- Rydz, D., Shevell, M. I., Majnemer, A., & Oskoui, M. (2005). Topical review: Developmental screening. *Journal of Child Neurology*, 20(1), 4-21.
- Seltzer, M. M., Greenberg, J. S., Floyd, F. J., Pettee, Y., & Hong, J. (2001). Life course impacts of parenting a child with a disability. *American Journal of Mental Retardation*, 106(3), 265-286.
- Sheldrick, R. C., Merchant, S., & Perrin, E. C. (2011). Identification of developmental-behavioral problems in primary care: A systematic review. *Pediatrics*, 128(2), 356-363.
- Shevell, M. (2008). Global developmental delay and mental retardation or intellectual disability: conceptualization, evaluation, and etiology. *Pediatric Clinics of North America*, 55(5), 1071-1084.

- Shevell, M. I. (2010). Present conceptualization of early childhood neurodevelopmental disabilities. *Journal of child neurology, 25*(1), 120-126.
- Singh, A., & Squires, J. (in press). ADHD in preschool: Approaches and teacher training. *Journal of the American Academy of Special Education.*
- Singh, A., Verma, N., Das, A., & Yeh, C. J. (in press). Overview of ADHD in Young Children. *Health Psychology Research.*
- Squires, J., Nickel, R. E., & Eisert, D. (1996). Early detection of developmental problems: strategies for monitoring young children in the practice setting. *Journal of Developmental & Behavioral Pediatrics, 17*(6), 420-427.
- SubbaRao, T. A. (1990). *Manual on developing communication skills in mentally retarded persons*. Secunderabad, India: National Institute for the Mentally Handicapped.
- Wehmeyer, M. L., & Garner, N. W. (2003). The impact of personal characteristics of people with intellectual and developmental disability on self-determination and autonomous functioning. *Journal of Applied Research in Intellectual Disabilities, 16*(4), 255-265.

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## Appendix

### Early Intervention Tool (EIT), India (Age: 3 months to 3 Years)

Child Name:

DOB/Age:

Parent name:

Date:

Referred by:

Address:

| Items                   | Date<br>(1- 3 months)    |                          |                          |                          |                          | Date<br>(3-6 months)     |                          |                          |                          |                          | Date<br>(6-9 months)     |                          |                          |                          |                          | Date<br>(9-12 months)    |                          |                          |                          |                          |
|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
|                         | 1                        | 2                        | 3                        | 4                        | 5                        | 1                        | 2                        | 3                        | 4                        | 5                        | 1                        | 2                        | 3                        | 4                        | 5                        | 1                        | 2                        | 3                        | 4                        | 5                        |
| 1. Make eye contact     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Neck control present | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Roll over            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Sit with support     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Sit independently    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. Stand with support   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 7. Stand independently  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 8. Walk with supports   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 9. Walks independently  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 10. Babbling            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 11. Tries to talk       | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 12. Says one word       | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 13. Says two words      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 14. Have toilet control | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Total                   |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |

The full questionnaire is downloadable [here](#)