

## REFERENCES

- Akanksha, M., Sahil, K., Premjeet, S., & Bhawna, K. (2011). Autism Spectrum Disorder (ASD). *International Journal of Research in Ayurveda & Pharmacy*, 2(5), 1541–1546.
- Akins, R. S., Angkustsiri, K., & Hansen, R. L. (2016). Complementary and alternative medicine in autism : An evidence-based approach to negotiating safe and efficacious interventions with families Complementary and Alternative Medicine in Autism : An Evidence-Based Approach to Negotiating Safe and Efficacious, (August). <http://doi.org/10.1016/j.nurt.2010.05.002>
- Allik, H., Larsson, J., & Smedje, H. (2006). high-functioning autism. *BMC Psychiatry*, 11, 6–18. <http://doi.org/10.1186/1471-244X-6-18>
- Asokan, S., Meera, S. S., & Shivashankar, N. (2016). INCLEN Diagnostic Tool for the assessment of Autism Spectrum Disorder: A new tool in the speech-language pathologist's armory. *Journal of Indian Speech Language & Hearing Association*, 30(1), 7–11. <http://doi.org/10.4103/0974-2131.196245>
- Balasubramaniam, M., Telles, S., & Doraiswamy, P. M. (2013). *Yoga on our minds : a systematic review of Yoga for neuropsychiatric disorders*. *PSYCHIATRY*, 3, 1–16. <http://doi.org/10.3389/fpsyg.2012.00117>
- Bang, M., Lee, S. H., Cho, S., & Yu, S. (2017). Herbal Medicine Treatment for Children with Autism Spectrum Disorder : A Systematic Review. *Evidence-Based Complementary and alternative medicine*, 2017, 12.
- Barbara O. McElhanon, MD, a C., McCracken, Ph.D., a Saul Karpen, MD, Ph.D., a and W. G., & Sharp, Ph.D., B. (2014). Gastrointestinal Symptoms in Autism Spectrum Disorder : A Meta-analysis abstract. <http://doi.org/10.1542/peds.2013-3995>

- Baron-cohen, S., Scott, F. J., Allison, C., & Williams, J. (2009). Prevalence of autism-spectrum conditions : UK school-based population study. *British Journal of Psychiatry*, 194, 500–509. <http://doi.org/10.1192/bjp.bp.108.059345>
- Barua, M., & Daley, T. C. (2002). *Autism*. Action For Autism.
- Behar Miriam. (2006). *Yoga Therapy for Autistic Children*. *International Association of Yoga Therapists*, (May), 18–19.
- Beth A. Malow, M. L. M., & Susan G. McGrew, Lily Wang, Lynnette M. Henderson, W. L. S. (2006). Characterizing Sleep in Children with Autism Spectrum Disorders: A Multidimensional Approach. *SLEEP*, 29(12), 1563–1571.
- Brent L. Williams, Mady Hornig, Tanmay Parekh, and W. I. L. C. (2012). Application of Novel PCR-Based Methods for Detection, Quantitation, and Phylogenetic Characterization of *Sutterella* Species in Intestinal Biopsy Samples from Children with Autism and Gastrointestinal Disturbances. *Mbio*, 3(1), 1–11. <http://doi.org/10.1128/mBio.00261-11.Editor>
- Brett, D., Warnell, F., Mcconachie, H., & Parr, J. R. (2016). Factors Affecting Age at ASD Diagnosis in the UK : No Evidence that Diagnosis Age has Decreased Between 2004 and 2014. *Journal of Autism and Developmental Disorders*, 46(6), 1974–1984. <http://doi.org/10.1007/s10803-016-2716-6>
- Brown, J., Herrick, S. E., Luskin, B., & Cardwell, E. (2013). Autism Spectrum Disorder and Sleep-Related Disturbances : A General Overview Autism Spectrum Disorder and Sleep-Related Disturbances : A General Overview. *Behavioral Health*, 1(2), 2331–7582.
- Brown, J., Herrick, S. E., Luskin, B., Cardwell, E., Brown, H., Brown, J., ... Brown, H. (2012). Autism Spectrum Disorder and Sleep-Related Disturbances : A General Overview Autism Spectrum Disorder and Sleep-Related Disturbances : A General Overview. *BEHAVIORAL HEALTH*, 3, 1–11.

- Buie, A. T., Campbell, D. B., Hyman, S. L., & Jirapinyo, P. (2010). Evaluation, Diagnosis, and Treatment of Gastrointestinal Disorders in Individuals With ASDs : A Consensus Report. *Pediatrics*, 125(January).
- Bussing, A., Michalsen, A., Khalsa, S. B. S., Telles, S., & Sherman, K. J. (2012). Effects of *Yoga* on Mental and Physical Health : A Short Summary of Reviews. *Evidence-Based Complementary and Alternative Medicine*, 7. <http://doi.org/10.1155/2012/165410>
- Chaidez, V., Hansen, R. L., & Hertz-Pannier, I. (2014). Gastrointestinal problems in children with autism, developmental delays or typical development. *J Autism Dev Disord*, 44(5), 1117–1127. <http://doi.org/10.1007/s10803-013-1973-x>.Gastrointestinal
- Chan, A. S., Sze, S. L., Siu, N. Y., & Lau, E. M. (2013). A Chinese mind-body exercise improves self-control of children with autism: a randomized controlled trial. *PLOS One*, 8(7), e68184. <http://doi.org/10.1371/journal.pone.0068184>
- Christensen, D. L., Baio, J., & Braun, N. Van. (2016). *Prevalence and characteristics of autism spectrum disorder among children aged 8 years. CDC, Community Report.*
- Cohen, Simonne, et al. (2014). The relationship between sleep and behavior in autism spectrum disorder (ASD) : a review.
- Dekkers, L. M. S., Groot, N. A., MoS Iuera, E. N. D., & Zuniga, I. P. A. (2015). Prevalence of Autism Spectrum Disorders in Ecuador : A Pilot Study in Quito. *J Autism Dev Disord*, 45, 4165–4173. <http://doi.org/10.1007/s10803-015-2559-6>
- Deorari, M., & Bhardwaj, I. (2017). Effect of yogic intervention on Autism Spectrum Disorder. *Yoga Mimamsa*, 46(3), 81–84.
- Diana, M. T., & Vitiello, M. V. (2012). A Pilot Study of Gentle *Yoga* for Sleep Disturbance. *SLEEP*,

12(5), 512–517. <http://doi.org/10.1016/j.sleep.2010.09.016>.A

Dileep, K., Sarvesh, K., & Narasimha, M. K. (2012). Review Article. *International Journal of Research in Ayurveda & Pharmacy*, 3(5), 655–658. <http://doi.org/10.7897/2277-4343.03515>

Doshi-Velez, F., Yaorong, G., & Kohane, I. (2014). Comorbidity Clusters in Autism Spectrum Disorders : An Electronic Health Record Time-Series Analysis. *Pediatrics*.  
<http://doi.org/10.1542/peds.2013-0819>

Eldevik, S., Hastings, R. P., Hughes, J. C., & Jahr, E. (2010). Using Participant Data to Extend the Evidence Base for Intensive Behavioral Intervention for Children With Autism. *American Association on Intellectual and Developmental Disabilities*, 115(5), 381–405.

<http://doi.org/10.1352/1944-7558-115.5.381>

Elsabbagh, M. (2012). Perspectives from the Common Ground. *Autism Research*, 5, 153–155.  
<http://doi.org/10.1002/aur.1237>

Erik Mouridsen Svend, Torben Isager, R. B. (2012). Diseases of the gastrointestinal tract in individuals diagnosed as children with atypical autism : A Danish register study based on hospital diagnoses. *Autism*, 17(1), 55–63. <http://doi.org/10.1177/1362361312455110>

Evans, S., Cousins, L., Tsao, J. C. I., & Sternlieb, B. (2011). Protocol for a randomized controlled study of Iyengar Yoga for youth with irritable bowel syndrome. *Trials*, 1–19.

Fombonne, E. (2003). The Prevalence of Autism. *American Medical Association*, 289(1), 87–89.

Frith, U. (1944). *Asperger and his syndrome*.

Gabriels, R. L., Agnew, J. A., Beresford, C., Morrow, M. A., Mesibov, G., & Wamboldt, M. (2012). Improving psychiatric hospital care for pediatric patients with autism spectrum disorders and intellectual disabilities. *Autism Research and Treatment*, 2012, 685053.

<http://doi.org/10.1155/2012/685053>

- Ghaziuddin, M., & Ghaziuddin, N. (2002). Depression in Persons with Autism : Implications for Research and Clinical Care. *Journal of Autism and Developmental Disorders*, 32(4).
- Gorrindo, P., Williams, K. C., Lee, E. B., & Walker, L. S. (2012). Gastrointestinal Dysfunction in Autism. *Autism Res*, 5(2), 101–108. <http://doi.org/10.1002/aur.237>.
- Gothe, N., Pontifex, M. B., Hillman, C., & McAuley, E. (2013). The Acute Effects of *Yoga* on Executive Function The Acute Effects of *Yoga* on Executive Function. *Journal of Physical Activity and Health*, 10, 488–495.
- Gupta, S., Gupta, N. A., & Chavan, D. B. (2017). An Ayurvedic and Modern approach of Autism Spectrum Disorder. *European Journal of Pharmaceutical and Medical Research*, 4(3), 185–191.
- Halpern, J. S. (2011). *Yoga for Improving Sleep Quality and Quality of Life of Older Adults in a Western Culture Setting*.
- Hanney, N. M., Jostad, C. M., LeBlanc, L. a., Carr, J. E., & Castile, a. J. (2013). Intensive Behavioral Treatment of Urinary Incontinence of Children With Autism Spectrum Disorders: An Archival Analysis of Procedures and Outcomes From an Outpatient Clinic. *Focus on Autism and Other Developmental Disabilities*, 28(1), 26–31. <http://doi.org/10.1177/1088357612457987>
- Hariprasad, V. R., Arasappa, R., Varambally, S., Srinath, S., & Gangadhar, B. N. (n.d.). Feasibility and efficacy of *Yoga* as an add-on intervention in attention deficit - hyperactivity disorder : An exploratory study. *Indian Journal of Human Genetics*, 379–384. <http://doi.org/10.4103/0019-5545.116317>
- Harrison, L. J. (2004). Sahaja *Yoga* Meditation as a Family Treatment Programme for Children with Attention Deficit-Hyperactivity Disorder, 9(200410), 479–497.

<http://doi.org/10.1177/1359104504046155>

- Hertz-Pannier, I., & Delwiche, L. (2009). The Rise in Autism and the Role of Age at Diagnosis. *Epidemiology*, 20(1), 84–90. <http://doi.org/10.1097/EDE.0b013e3181902d15>.
- Hetzroni, O. E., & Tannous, J. (2004). Effects of a Computer-Based Intervention Program on the Communicative Functions of Children with Autism. *Journal of Autism and Developmental Disorders*, 34(2).
- Hsiao, Y. E. (2014). Gastrointestinal issues in autism spectrum disorder. *Harvard Review of Psychiatry*, 22(2), 104–11. <http://doi.org/10.1097/HRP.0000000000000029>
- John, D. (2013). *Cognitive Behavior Therapy for Anxiety: Adapting Interventions for Children with Autism and Intellectual Disability*. UNIVERSITY OF CALIFORNIA, Los Angeles Cognitive.
- Judith, J. K., Lize, O., Mirrian, H., & Marc, B. (2016). Yoga Therapy for Abdominal Pain-Related Functional Gastrointestinal Disorders in Children: A Randomized Controlled Trial. *JPGN*, 63(5), 481–487. <http://doi.org/10.1097/MPG.0000000000001230>
- Juneja, M., Mukherjee, S. B., Sharma, S., Jain, R., Das, B., & Sabu, P. (2012). Evaluation of a parent-based behavioral intervention program for children with autism in a low-resource setting. *Journal of Pediatric NeuroScience*, 7, 24–26. <http://doi.org/10.4103/1817-1745.97612>
- Kanner, L. (1943). *Follow-up Study of Eleven Autistic Children*.
- Karpakam, C.. (2013). *The Effect of Integrated Approach of Yoga on Stress, the Psychological States and Sleep Quality among Mothers of Mentally Challenged Children*. Swami Vivekananda Yoga Anusandhana Samsthana.
- Kavuri, V., Raghuram, N., Malamud, A., & Selvan, S. R. (2015). Irritable Bowel Syndrome : Yoga as Remedial Therapy. *Evidence-Based Complementary and Alternative Medicine*, 2015, 10.

Keita, L., Guy, J., Berthiaume, C., & Mottron, L. (2014). An early origin for detailed perception in Autism Spectrum Disorder : biased. *Scientific Reports*, 4(5475), 17–19.

<http://doi.org/10.1038/srep05475>

Kenny, M. (2002). Integrated Movement Therapy <sup>TM</sup> : Yoga-Based Therapy as a Viable and Effective Intervention for Autism Spectrum and Related Disorders. *International Journal of Yoga Therapy*, 12(12), 71–79.

Keshavan, M. S., Rao, N. P., & Rao, T. S. S. (2013a). *Yoga* and mental health : Promising road ahead, but proceed with caution. *Indian Journal of Psychiatry*, 55, 329–331. <http://doi.org/10.4103/0019-5545.116295>

Keshavan, M. S., Rao, N. P., & Rao, T. S. S. (2013b). *Yoga* and mental health : Promising road ahead, but proceed with caution. *Indian Journal of Psychiatry*, 55, 329–31. <http://doi.org/10.4103/0019-5545.116295>

Kijowski, J. L. (2008). *The Effects of Yoga and Music Therapy on Reducing Targeted Maladaptive Behaviors and Increasing Focus In a Child with Autism*. NYC Department of Education.

Klukowski, M., Wasilewska, J., & Lebenschtejn, D. (2015). Sleep and Gastrointestinal Disturbances in Autism Spectrum Disorder. *Developmental Period Medicine*, XIX(2), 157–161.

Koenig, K. P., Buckley-reen, A., & Garg, S. (2012). Efficacy of the Get Ready to Learn *Yoga* Program Among Children With Autism Spectrum Disorders : A Pretest-Posttest Control Group Design. *American Journal of Occupational Therapy*, 66(5).

Krakowiak, P., Goodlin-Jones, B., Hertz-Pannier, I., Croen, L. A., & Hansen, R. L. (2008). Sleep problems in children with autism spectrum disorders, developmental delays, and typical development: a population-based study. *J Sleep Res*, 17(2), 197–206. <http://doi.org/10.1111/j.1365-2774.2008.00677.x>

2869.2008.00650.x.Sleep

- Kumar, P. S., Telles, S., & Nagendra, H. R. (2010). *Effect of Cyclic Meditation on Sleep*.
- Kuttner, L., Christine, C. T., Janine, H., & David, I. M. (2006). A randomized trial of *Yoga* for adolescents with irritable bowel syndrome. *Pain Res Manage*, 11(4).
- Labib, K., Hassan, M., Mostafa, D., & Ahmed, R. (2012). Audiologic evaluation and communication disorders in a group of Egyptian children with autistic features. *The Egyptian Journal of Otolaryngology*, 108–116. <http://doi.org/10.7123/01.EJO.0000413588.51884.02>
- L, F. de, Pedraza, M., & Carter, A. S. (2011). Autism Spectrum Disorders in Young Children. *Child Adolesc Psychiatr Clin N Am*, 18(3). <http://doi.org/10.1016/j.chc.2009.02.002>.Autism
- Leekam, R. S., Prior, R. M., & Uljarevic, M. (2011). Restricted and Repetitive Behaviors in Autism Spectrum Disorders : A Review of Research in the Last Decade. *American Psychological Association*, 137(4), 562–593. <http://doi.org/10.1037/a0023341>
- Levy, S. E., & Hyman, S. L. (2008). Complementary and Alternative Medicine Treatments for Children with Autism Spectrum Disorders. *Child Adolesc Psychiatr Clin N Am*, 17(4), 1–15. <http://doi.org/10.1016/j.chc.2008.06.004>.
- Lord, C., Wagner, A., Rogers, S., Szatmari, P., Aman, M., Charman, T., ... Yoder, P. (2005). Challenges in Evaluating Psychosocial Interventions for Autistic Spectrum Disorders, 35(6). <http://doi.org/10.1007/s10803-005-0017-6>
- Lucas, A. S. (2014). *Effect of Yoga on Sleep Quality, Depression, and Psychological Distress Among Woman Geriatric Population: A Pilot Study*.
- Luxford, S., Hadwin, J. A., & Kovshoff, H. (2016). Evaluating the Effectiveness of a School-Based Cognitive Behavioural Therapy Intervention for Anxiety in Adolescents Diagnosed with Autism

Spectrum Disorder. *Journal of Autism and Developmental Disorders*. <http://doi.org/10.1007/s10803-016-2857-7>

Malhotra, S., Rajender, G., Bhatia, S. M., & Singh, B. T. (2010). Effects of Picture Exchange Communication System on Communication and Behavioral Anomalies in Autism. *Indian Journal of Psychological Medicine*, 32(2), 141–143. <http://doi.org/10.4103/0253-7176.78513>

Manjunath, N. K., & Telles, S. (2005). Influence of *Yoga* & Ayurveda on self-rated sleep in a geriatric population. *I JOY*, (May), 683–690.

Memari, A. H., Panahi, N., Ranjbar, E., & Moshayedi, P. (2015). Children with Autism Spectrum Disorder and Patterns of Participation in Daily Physical and Play Activities. *Neurology Research International*, 2015, 7. <http://doi.org/10.1155/2015/531906>

Miano, S., Bruni, O., Elia, M., & Trovato, A. (2007). Sleep in children with autistic spectrum disorder : A questionnaire and polysomnographic study. *Sleep Medicine*, 9, 64–70.  
<http://doi.org/10.1016/j.sleep.2007.01.014>

Miles, J. H. (2011). Genetics in Medicine Autism spectrum disorders — A genetics review. *Genetics in Medicine*, 13(4). <http://doi.org/10.1097/GIM.0b013e3181ff67ba>

Narasingharao, K., Pradhan, B., & Navaneetham, J. (2016). Sleep Disorder, Gastrointestinal Problems and Behaviour Problems Seen in Autism Spectrum Disorder Children and *Yoga* as Therapy : A Descriptive Review. *Journal of Clinical and Diagnostic Research : JCDR*, 10(11), 13–15.  
<http://doi.org/10.7860/JCDR/2016/24175.8922>

Odom, S. L., Boyd, B. A., Hall, L. J., & Hume, K. (2010). Evaluation of Comprehensive Treatment Models for Individuals with Autism Spectrum Disorders. *J Autism Dev Disord* (2010), 40, 425–436.  
<http://doi.org/10.1007/s10803-009-0825-1>

Ozonoff, S., Heung, K., Byrd, R., Hansen, R., & Picciotto, H. I. (2008). The Onset of Autism: Patterns of

Symptom Emergence in the First Years of Life. *Autism Res*, 1(6), 320–328.

<http://doi.org/10.1002/aur.53>.The

Panda, S. (2016). *Effect of Mahamrtyunjaya Mantra on Sleep Quality in Sleep Disturbed Patients: A Pilot Study*. Swami Vivekananda Yoga Anusandhana Samstana.

Phillip Gorrindo, BSA, Kent C. Williams, MDB, Evon B. Lee, PhD, C, Lynn S. Walker, P., & Susan G.

McGrew, MDB, and Pat Levitt, P. (2013). Gastrointestinal Dysfunction in Autism: Parental Report, Clinical Evaluation, & Associated Factors. *AUTISM RESEARCH*, 5(2), 101–108.

<http://doi.org/10.1002/aur.237>.Gastrointestinal

Porter, J. (2013). *Yoga as an Effective Behavioral Intervention for Children Diagnosed with an Autism Spectrum Disorder*. *Graduate Annual*, 1(9).

Praful M Barvalia, Piyush M Oza, Amit H Daftary, Vijaya S Patil, Vinita S Agarwal, M. A. R. (2014).

Effectiveness of homeopathic therapeutics in the management of childhood autism disorder. *Indian Journal of Research in Homoeopathy*, 8(3). <http://doi.org/10.4103/0974-7168.141738>

Purohit, S. P., Pradhan, B., & Nagendra, H. R. (2016). *Yoga as a preventive therapy for loneliness in orphan adolescents*. *Indian Journal of Health and Wellbeing*, 7(November 2014), 121–124.

Radhakrishna, S. (2010). *Integrated Approach to Yoga Therapy and Autism Spectrum Disorder*.

Rosenblatt, L. E., Gorantla, S., Torres, J. A., & Yarmush, R. S. (2011). Relaxation response-based *Yoga* improves functioning in young children with autism: a pilot study. *Journal of Alternative and Complementary Medicine*, 17(11), 1029–35. <http://doi.org/10.1089/acm.2010.0834>

Rutledge, T. F., Boyd, M. F., & Starr, T. M. (2009). *Morbidity and Mortality Weekly Report Prevalence of Autism Spectrum Disorders — Autism and Developmental Disabilities Monitoring Network*,

*United States, 2006. CDC COMMUNITY REPORT* (Vol. 58).

Samy, L. K., Osman, M. D., Selim, H. M., & Mohamed, A. R. (2012). Communication skills, sensory integration functions, and auditory brainstem response : findings in a group of Egyptian children with autistic features. *The Egyptian Journal of Otolaryngology*, 28, 117–126.

<http://doi.org/10.7123/01.EJO.0000413494.24410.1f>

Schreck, K. A., Mulick, J. A., & Smith, A. F. (2004). Sleep problems as possible predictors of intensified symptoms of autism \$. *Research in Developmental Disabilities*, 25, 57–66.

<http://doi.org/10.1016/j.ridd.2003.04.007>

Shantha Radhakrishna, Raghuram Nagarathna, H. R. N. (2010). Integrated approach to *Yoga* therapy and autism spectrum disorders. *Journal of Ayurveda and Integrative Medicine*, 1(2), 120–4.

<http://doi.org/10.4103/0975-9476.65089>

Sharma, N., & Sharma, N. (2016). Effect of Yogic and Recreational Activities for Improving Self-injurious and Aggression Behavior of Autistic Children Objectives : *Rupkatha Journal on Interdisciplinary Studies in Humanities*, VIII(2).

Studnitzer, Allen, et al. (2014). *Yoga* : Therapy for Children on the Autism Spectrum. *Academic Exchange Quarterly*, 18(2).

Supritha, S. M., & Kumari. (2016). *Effect of One-month Residential Yoga Training Program on Measuring the Quality of Sleep and Mindfulness in Healthy Volunteers*.

Taylor, B., Miller, E., Lingam, R., & Andrews, N. (1998). Measles, mumps, and rubella vaccination and bowel problems or developmental regression in children with autism : a population study. *British Medical Journal*, 324, 393–396.

Taylor, L. I. B. R., & Garland, A. F. (2010). Characterizing Community-Based Mental Health Services

for Children with Autism Spectrum Disorders and Disruptive Behavior Problems, 1188–1201.

<http://doi.org/10.1007/s10803-010-0976-0>

Umeda, C., & Deitz, J. (2011). Effects of Therapy Cushions on Classroom Behaviors of Children With Autism Spectrum Disorder. *American Journal of Occupational Therapy*, 65(2).

<http://doi.org/10.5014/ajot.2011.000760>

Vajawat, M., & Deepika, P. C. (2012). Comparative evaluation of oral hygiene practices and oral health status in autistic and normal individuals. *Journal of International Society of Preventive and Community Dentistry*, 2(2), 58–63. <http://doi.org/10.4103/2231-0762.109369>

Verma, A., Shete, S. U., Thakur, G. S., & Kulkarni, D. D. (2014). The Effect of *Yoga* Practices on Cognitive Development in Rural Residential School Children in India. *National Journal of Laboratory Medicine*, 3(3), 15–19.

Vivek, M., & Maharana, S. P. (2016). *Effect of Nadi Suddhi, Bhramari Pranayama and Yoga Nidra on Stress and Quality of Life Among Female School Teachers*. Swami Vivekananda Yoga Anusandhana Samsthana.

Weijer-Bergsma, E. van de, Formsma, A. R., de Bruin, E. I., & Bögels, S. M. (2012). The Effectiveness of Mindfulness Training on Behavioral Problems and Attentional Functioning in Adolescents with ADHD. *Journal of Child and Family Studies*, 21(5), 775–787. <http://doi.org/10.1007/s10826-011-9531-7>

WHO. (1993). *The ICD-10 Classification of Mental and Behavioural Disorders Diagnostic criteria for research*.

Yeh, A. M., Wren, A., & Golianu, B. (2017). Mind-Body Interventions for Pediatric Inflammatory Bowel Disease. *Children*, 4(22), 1–17. <http://doi.org/10.3390/children4040022>