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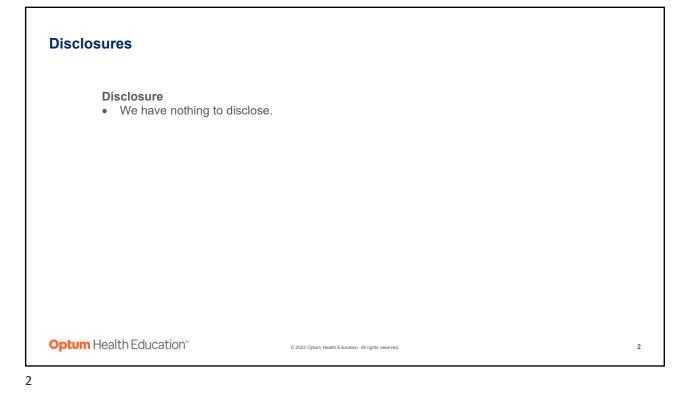
Autism Spectrum Disorder Treatment for Children with ASD

Tiffany Hodges, PsyD, BCBA-D Associate Vice President, ABA/Autism Optum Behavioral Health Solutions

Debra Katz, MD Senior National Medical Director Optum Behavioral Health Solutions

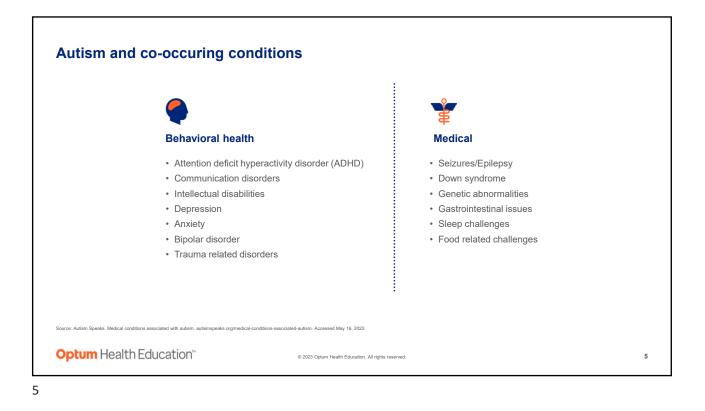
November 1, 2023

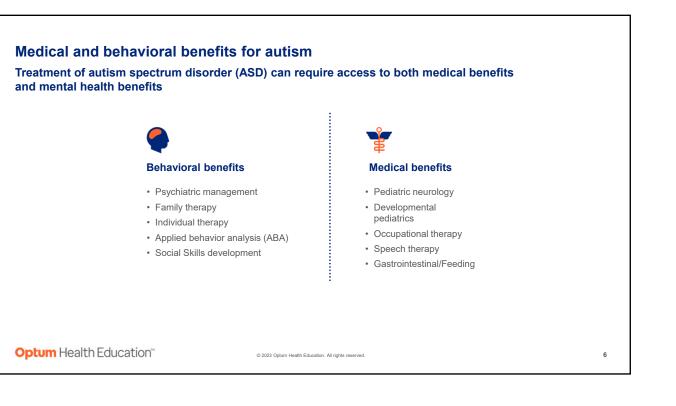


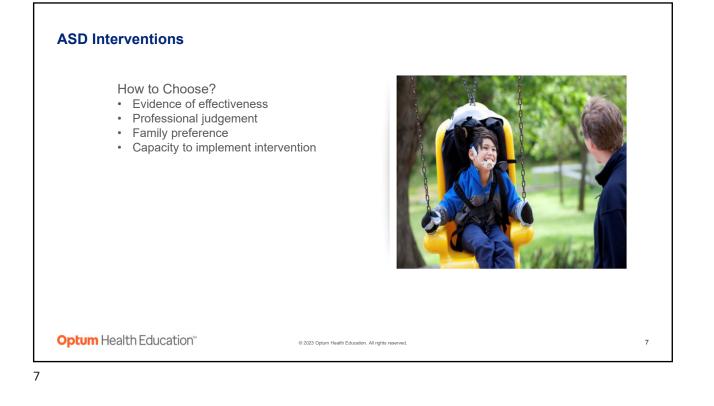


Learning objectives	
At the end of this educational activity, participants should be able to:	
 Discuss the different evidence-based treatments for autism spectrum disorder (ASD). 	
 Determine the safety profiles of some Complementary and Alternative Medicine (CAM) for the treatment of ASD. 	
3. Describe the role that telehealth can play in the treatment of ASD.	
 Explain the role and principles of Applied Behavior Analysis (ABA) services as a form of treatment for children with ASD. 	
5. Compare and contrast different types of Autism therapies	
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Psychopharmacology
To Treat Comorbidities

Anxiety / phobias
OCD
ADHD
Depression
Bipolar disorder
Disruptive behavior

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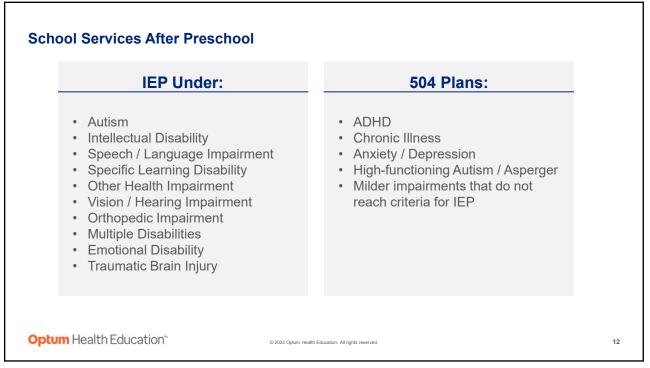
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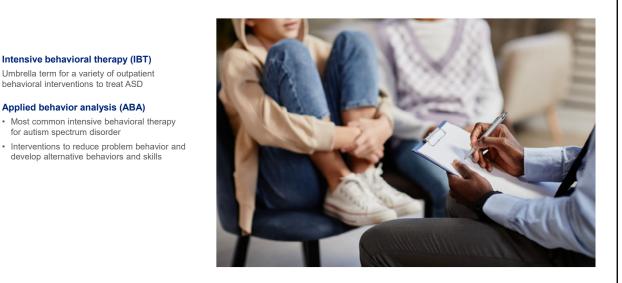






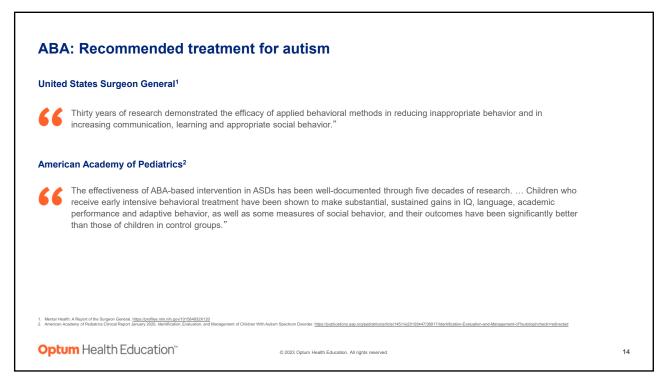


Intensive behavioral therapy including applied behavior analysis



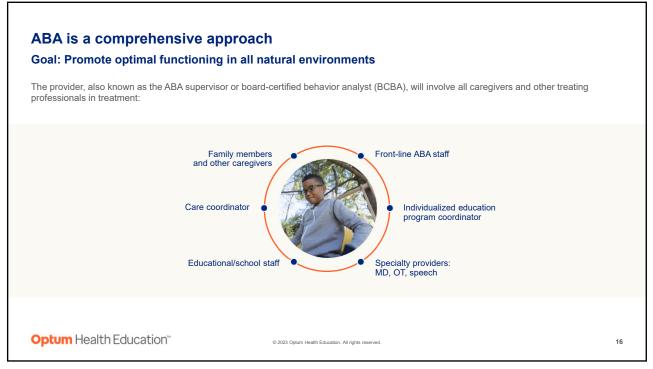
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Elements of ABA treatment

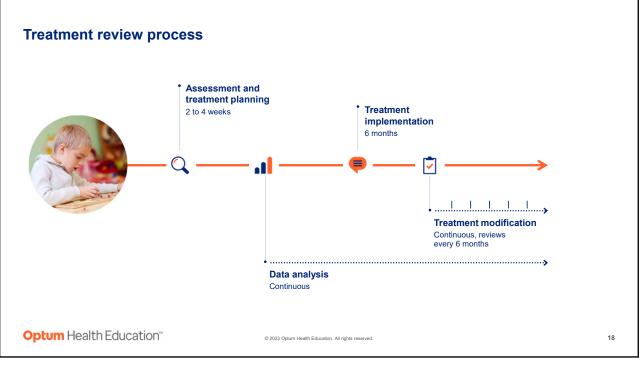


Supervision by a behavior analyst

- Description of behavior at baseline
- Direct assessment, analysis and adjustments to the treatment plan
- Direct observational data
- Direct support
- Establish small units of behavior to build upon
- Function-based and value-focused intervention
- Management of the treatment environments
- Training of family and other involved professionals
- Written treatment protocols that are implemented repeatedly, frequently and consistently across multiple environments

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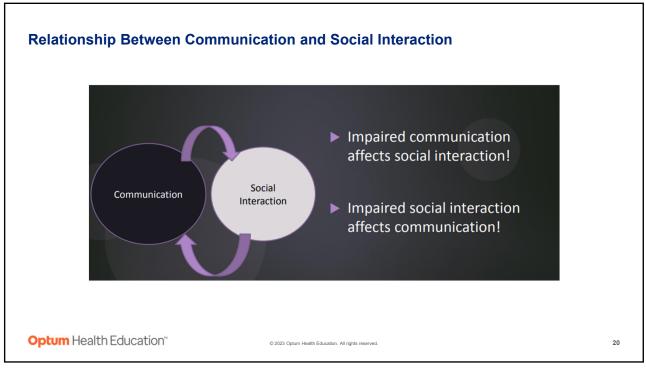
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Adjunctive Treatment Strategies for Individuals With Autism

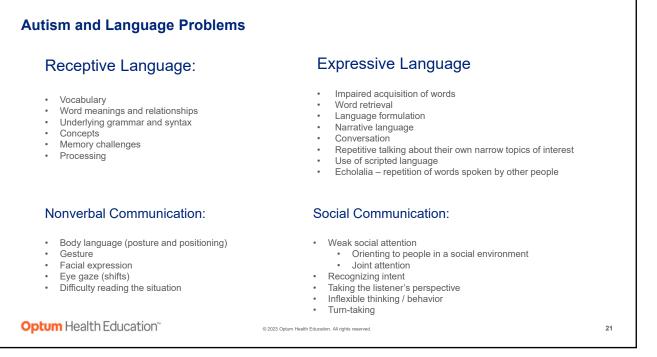
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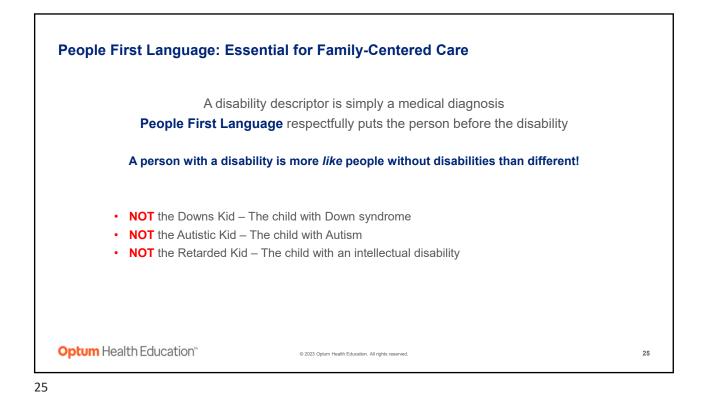


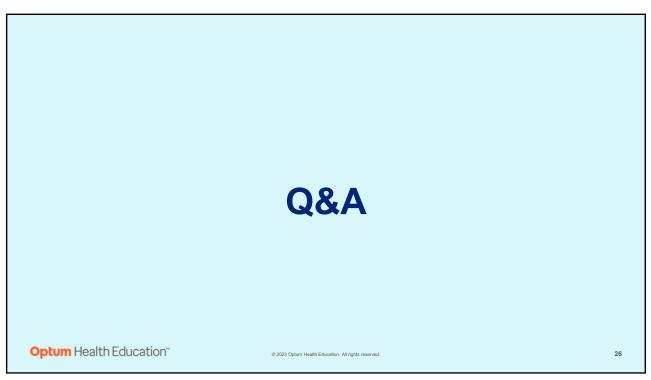


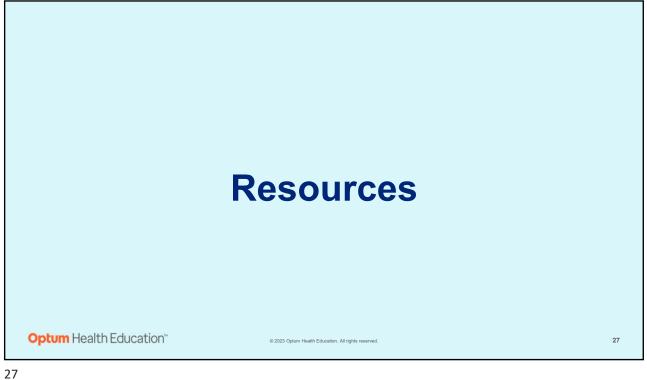












Resources	Link
National Autism Center	www.nationalautismcenter.org
National Center for Complementary and Integrative Health	www.nccih.nih.gov
Autism Speaks	http://www.autismspeaks.org/what- autism/treatment/complementary- treatments-autism
Perrin, et al	Pediatrics 2012; 130;S77
Use of Complementary treatments in ASD, Levy and Hyman	Child Adol Psychiatr Clin N Am. 2008 October

Resources	Link
Serv ABA therapy	www.cservteleheatlh.com
ReThink	www.rethinkbenefits.com
Autism Speaks Family Toolkits	https://www.autismspeaks.org/famil y-services/tool-kits
UC Davis Mind Institute	http://www.ucdmc.ucdavis.edu/mind institute/
OCALI	www.autisminternetmodules.org www.ocali.org/project/asd_intro

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Article/Book Title and Authors	Journal
The Clinician's Guide to Autism, John Harrington and Korrie Allen	Pediatrics in Review, 2014;35;62
Telehealth and Autism: Treating Challenging Behavior at a Lower Cost Lindgren, et al	Pediatrics, February 2016, Vol 137/ Issue Supplement 2
Teaching Social Communication to Children with Autism: A Manual for Parents	Brooke Ingersoll and Anna Dvortcsak
An Early Start for your Child with Autism: Using Everyday Activities to Help Kids Connect, Communicate, and Learn	Sally Rogers, Geraldine Dawson, and Laurie Vismara
Visual Supports for People with Autism: A guide for Parents and Professionals	Marlene Smith and Donna Sloan

Interventions Association for Science in Autism Treatment (2018) www.asat.org Behavior Analyst Certification Board (2014). Applied Behavior Analysis Treatment of Autism Spectrum Disorder: Practice Guideline for Healthcare Funders and Managers. Retrieved from https://www.bacb.com/wpcontent/uploads/2017/09/ABA Guidelines for ASD.pdf. Gutstein S. (2009) Empowering families through Relationship Development Intervention: an important part of the biopsychosocial management of autism spectrum disorders. Annals of Clinical Psychiatry. 21(3) Solomon R., Van Egeren, L. A., Mahoney, G., Quon Huber, M. S., & Zimmerman, P. (2014). PLAY project home consultation intervention program for young children with autism spectrum disorders: A randomized control trial. Journal of Developmental & Developmental Pediatrics, 35(8), 475-485 **Optum** Health Education[™] 31 © 2023 Optum Health Education. All rights reserved

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Speech and Language

- Carter, A., Messinger, D., Stone, W., Celimli, S., Nahmias, A., & Yoder, P. (2011) A randomized controlled trial of Hanen's "More Than Words" in toddlers with early autism. The Journal of Child Psychology and Psychiatry, 52(7), 741-752.
- Crooke, P. & Garcia Winner, M. (2016). Social Thinking® Methodology: Evidence-Based of Empirically Supported? A Response to Leaf et al. (2016). Behavior Analyasis in Practice, 9:403-408 doi: 10.1007/s40617-016-0151-y
- Hansen, S., Blakely, A.W., Dolata, J.K., Raulston, T., Machalicek, W. (2014). Children with Autism in the Inclusive Preschool Classroom: A Systematic Review of Single-Subject Design Interventions on Social Communication Skills. Journal of Autism and Developmental Disorders, 1:192-206 doi: 10.1007/s40489-014-0020-y
- Kasari, C., Kaiser, A., Goods, K., Nietfeld, J., Mathy, P., Landa, R., Murphy, S., Almirall, D. (2014). Communication Interventions for Minimally Verbal Children With Autism: Sequential Multiple Assignment Randomized Trial. Journal of the American Academy of Child and Adolescent Psychiatry, 53(6) doi: 10.1016/j.jaac.2014.01019.
- Mesibov, G & Shea, V. (2009). The TEACCH Program in the Era of Evidence-Based Practice. Journal of Autism and Developmental Disorders DOI 10.1007/s10803-009-0901-6
- Myles, B.S., Henry, S.A., Coffin, A.B., Grossman, B.G., & Aspy, R. (2007). The CAPS & ziggurat models: Planning a comprehensive program for students with autism spectrum disorders using evidence-based practices. Autism Advocate, 48(3), 16-20. Retrieved on August 27, 2010, from http://www.texasautism.com/WorkshopFiles/AdvocateZigguratCAPS.pdf
- Odom, Samuel L., Brown, William H., Frey, Timothy, Karasu, Necdet, Lee Smith-Canter, Lora, Strain, Phillip S. (2003). Evidence-Based Practices for Young Children With Autism: Contributions for Single-Subject Design Research. Focus on Autism and Other Developmental Disabilities, 18(3) DO - 10.1177/10883576030180030401
- Reichow, B., Volkmar, F.R., & Cicchetti, D.V. (2008). Development of the Evaluative Method for Evaluating and Determining Evidence-Based Practices in Autism. Journal of Autism and Developmental Disorders, 38(7) 1311-1319. doi:10.1007/s10803-007-0517-7
- Rubin E., Prizant B., Laurent A., Wetherby A. (2013) Social Communication, Emotional Regulation, and Transactional Support (SCERTS). In: Goldstein S., Naglieri J. (eds) Interventions for Autism Spectrum Disorders. Springer, New York, NY
- Wong, C., Odom, S., et al. (2015). Evidence-Based Practices for Children, Youth, and Young Adults With Autism Spectrum Disorder: A Comprehensive Review. Journal of Autism & Developmental Disorders, 45(7), 1951-1966. doi:10.1007/s10803-014-2351-z

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