MEDICAL POLICY



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Medical Policy Title	Applied Behavior Analysis
Policy Number	3.01.11
Current Effective Date	June 26, 2025
Next Review Date	June 2026

Our medical policies are based on the assessment of evidence based, peer-reviewed literature, and professional guidelines. Eligibility for reimbursement is based upon the benefits set forth in the member's subscriber contract. (Link to <u>Product Disclaimer</u>)

POLICY STATEMENT(S)

- I. Applied Behavior Analysis (ABA) is considered **medically appropriate**. The following services may be included in the assessment and treatment of the member's DSM-V-TR diagnosis:
 - A. Medical evaluation (complete medical and developmental history) (See Policy Guidelines); and
 - B. Psychological and/or psychiatric evaluation.
- II. Non-ABA intervention methods are considered **investigational**. Examples include, but not limited to: Developmental, Individual-differences, and Relationship-based (DIR Floortime); Treatment and Education of Autistic and Related Communication- Handicapped Children [TEACCH]; Relationship Development Intervention [RDI]; and Floortime).

RELATED POLICIES

Corporate Medical Policy

3.01.02 Psychological Testing

11.01.03 Experimental or Investigational Services

POLICY GUIDELINE(S)

- I. Prior authorization may be required for coverage of ABA under the member's subscriber contract.
- II. There are specific provider requirements for the referral and provision of ABA services. These requirements are clearly documented in the 'Description' section below.
- III. The following documentation must be submitted for purposes of medical necessity review and determination (when applicable):
 - A. Any documented reports of completed psychological and/or other testing of the member.
 - B. Copy of the member's Individualized Education Program (IEP) document (when applicable).
 - C. Progress notes and discharge plan of the Early Intervention Program or Pre-School Special Education Program (when applicable).
 - D. Frequency, duration, and location of the requested ABA sessions.
 - E. Certification and credentials of the professional providing ABA.

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- F. The requested clinical supervision hours and documentation to support the request.
- G. A copy of the assessment or treatment plan, identifying the target behaviors for ABA (refer to Guideline IV).
- IV. ABA services must have a documented treatment plan, with clear written descriptions of the treatment goals and objectives, as well as the discharge criteria. Treatment plan and progress notes documenting progress of treatment goals should be submitted for review at least once every 12 months or as state mandated. Documentation should demonstrate monthly updates, at a minimum. The treatment plan may be requested at any point during treatment, for review for continuity of care and/or periodic concurrent medical necessity review. Requests for continuation of therapy must be accompanied by documentation, maintained by the provider, which outlines actual services received, as well as a graphic representation documenting the measurable progress made by the member, supporting that:
 - A. There is a reasonable expectation that the member will benefit from the continuation of ABA therapy, as evidenced by mastery of skills defined in the initial plan or a change of treatment approach from the initial plan; and
 - B. Treatment is not making the symptoms worse; and
 - C. There is a reasonable expectation, based on the member's clinical history, that withdrawal of treatment will result in decompensation/loss of progress made or recurrence of signs and symptoms.

Continued progress is determined based on improvement in goals, as outlined in the provider treatment plan, and focuses on improvements in verbal skills, social functioning, and IQ (for children under age four (4) years).

- V. Parent/caregiver support is expected to be a component of the ABA Program. Parent/caregiver participation is expected. Parent support groups are considered not medically necessary.
- VI. Coverage is not available for services stipulated in the IEP of a pre-school member (age three to five years) or a school-age member (ages five to 21 years) as these services are provided by the member's school district and are considered free care or a government program.
 - A. When applicable, an IEP should be completed through the school district before a request for coverage is submitted to the Health Plan.
 - B. If a child is home-schooled, an assessment by the school district should be completed prior to submitting a request to the Health Plan for coverage. Requests for home-schooled children outside New York State will be reviewed on an individual basis, in accordance with regulations of the state in which the member resides.
 - C. ABA services denied by the school district, including summer services, and not covered in a child's IEP, will be reviewed by the Health Plan for medical necessity in accordance with member's subscriber contract.
 - D. Interim summer programs are provided by school districts for children whose diagnoses are severe enough to exhibit the need for a structured learning environment of 12 months'

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duration, to maintain developmental levels. For pre-school children, summer instruction must be available for those whose disabilities are severe enough to exhibit the need for a structured learning environment of 12 months' duration, to prevent substantial regression.

VII. The Health Plan will offer member care management (case management) to individuals who engage in ABA programs, when requested. Member care management is not a requirement for ABA.

DESCRIPTION

According to the Center for Disease Control (CDC) (2024), there are many types of treatments available for autism spectrum disorder (ASD) that seek to reduce symptoms that interfere with daily function and quality of life. These treatments generally can be broken down into categories of behavioral, developmental, educational, social-relational, pharmacological, psychological, complementary/alternative, with some treatments involving more than one approach.

Applied Behavior Analysis (ABA)

ABA is a behavior method that uses evidence-based teaching techniques to increase helpful behaviors and reduce behaviors that are harmful or interfere with learning and has been shown to improve communication, social, and vocational skills (APA 2024). ABA is widely recognized as the gold standard treatment for people, of any age, with autism spectrum disorder (ASD). ASD is a complex neurodevelopmental disorder characterized by varying degrees of difficulty in social interaction, verbal and non-verbal communication, limited interest, social-emotional reciprocity, and repetitive stereotyped patterns of behavior which may be self-injurious. ABA is also used as an intervention for people with a diagnosis other than ASD, including Down syndrome.

ABA interventions vary from highly structured adult-directed approaches (e.g., discrete trial training or instruction, verbal behavior applications, and others) to interventions in natural environments that may be child led and implemented in the context of play activities or daily routines and activities and are altered on the basis of the child's skill development (e.g., pivotal response training, reciprocal imitation training, and others) (Hyman 2020). Early intensive behavioral intervention (EIBI) is a treatment based on the principles of applied behavior analysis and is one of the more well-established treatments for ASD (Reichow 2018).

ABA programs are intensive and tailored to the individual receiving treatment, which is why the behavioral health treatment was initially developed as a one-to-one and face-to-face format. Since inperson service-delivery is not always possible (e.g., provider shortages, rural access), the Council of Autism Service Providers (CASP) finds that the available published scientific evidence supports telehealth modalities (i.e., synchronous, asynchronous, hybrid) as an effective and viable delivery model to address health access disparities. CASP is a non-profit trade association of provider organization serving individual with autism spectrum disorder. With a mission to support members and advocate for best practices in autism services, CASP is committed to promoting the use of evidence-based practices, delivering education, and promoting standards that enhance quality.

Non-ABA Interventions

Developmental relationship-focused interventions are models focused on the relationship between the

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caregiver's level of responsiveness and the child's development of social communication through imitating, expanding on, or joining into child-initiated play activities (Hyman 2020). Developmental models for intervention are focused on teaching adults to engage in nondirective interactive strategies to foster interaction and development of communication in the context of play.

 DIRFloortime (Developmental, Individual-differences, and Relationship-based), also known as Floortime, is one example. Parents and therapists follow the child's lead in playing together while also directing the child to engage in increasingly complex interactions (APA 2024). According to the International Council on Development and Learning (ICDL), Floortime is the application of the DIR framework and philosophy into practice.

Social-relational approaches focus on improving social skills and building emotional bonds. Relationship Development Intervention (RDI), similar to DIRFloortime, focuses on symptoms of autism and works to build social and emotional skills. active the growth-seeking drive essential to addressing the challenges associated with autism. The model is a departure from traditional autism interventions and does not simply seek to mask the condition with scripted conversations or rehearsed behaviors. The model allows for neuro-cognitive changes to occur over time that provide the individual with the skills needed to navigate life's challenges on their own.

Educational approaches are provided within a classroom setting. One example is the Treatment and Education of Autistic and Related Communication- Handicapped Children (TEACCH) approach. The TEACCH framework promotes engagement in activities, flexibility, independence, and self-efficacy through strategies based on the learning strengths and difficulties of people with ASD (APA 2024). Learning Experiences and Alternative Programs for Preschoolers and their Parents (LEAP) is another educational model, which blend principles of ABA with special and general education teaching techniques for elementary aged pupils in inclusive settings for teaching social interaction (Hyman 2020).

The Early Start Denver Model (ESDM) is a broad naturalistic developmental behavioral intervention (NDBI) approach, based on the methods of ABA. Parents and therapists use play, social exchanges, and shared attention in natural settings to improve language, social, and learning skills. ESDM uses child-initiated teaching episodes, naturally occurring opportunities for learning, and turn-taking interactions within play routines and implement ABA-based approaches to address measurable goals (Hyman 2020).

Licensure/Certification Requirements

To be eligible for coverage, ABA services must be rendered by either a licensed behavior analyst (LBA) or a certified behavior analyst assistant (CBAA) under the supervision of an LBA. Coverage may also be provided for individuals who perform tasks that require no professional skill or judgment but are necessary to the provision of ABA and are performed under the supervision and direction of an LBA or other authorized supervisor, so long as such tasks are consistent with Article 167 of the New York Education Law and any regulations promulgated there under (or comparable provisions of the law and regulations of the member's state of residence).

ABA is facilitated by trained behavior analysts who are certified through the Behavior Analyst Certification Board (BACB) or licensed by the New York State Office of Professions. Applied Behavior

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Analysts develop and conduct behavioral assessments, then implement them, providing interventions for a range of behaviors.

To be an eligible provider, an LBA must:

- 1. Hold a master's or higher degree from a program registered by the New York State Education Department (the "Department"), or a program determined by the Department to be substantially equivalent;
- 2. Have experience in the practice of ABA satisfactory to the New York State Board of Applied Behavioral Analysis (the "Board") and to the Department, in accordance with the commissioner's regulations;
- 3. Pass an examination acceptable to the Board and the Department, in accordance with the commissioner's regulations;
- 4. Be at least 21 years of age; and
- 5. Be of good moral character, as determined by the Department.

To be an eligible provider, a CBAA must:

- 1. Hold a bachelor's degree or higher degree from a program registered by the New York State Education Department (the "Department"), or a program determined by the Department to be substantially equivalent;
- 2. Have experience in the practice of ABA satisfactory to the New York State Board of Applied Behavioral Analysis (the "Board") and the Department, in accordance with the commissioner's regulations;
- 3. Pass an examination acceptable to the Board and the Department, in accordance with the commissioner's regulations;
- 4. Be at least 21 years of age; and
- 5. Be of good moral character, as determined by the Department.

SUPPORTIVE LITERATURE

ABA is an intensive behavioral therapy intervention founded by Ivar Lovaas and colleagues in the 1960s and has been the focus of hundreds of clinical studies that have been published in peerreviewed journals. Published evidence supports the efficacy of ABA and the use of ABA as an intervention with children and adults with ASD (Lovaas 1987; Volkmar 1999; Eikeseth 2009; Virues-Ortega 2010; Matson 2011; Linstead 2017; Reichow 2018). Studies have provided guidance for clinicians in establishing effective treatment programs for children with ASD. Neil and colleagues (2021) conducted a meta-analysis of 36 high-quality studies that demonstrated a medium overall effect, suggesting the use of ABA-based interventions are promising for behavior change in people with Down syndrome.

The American Academy of Pediatrics (AAP) Council on Children with Disabilities (Hyman 2020) issued an updated documented aiming to provide a summary of current information on the identification,

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evaluation and management of children with ASD into a single report. The AAP recommends prompt implementation of evidence-based interventions and make the following statements related to published evidence:

- A comprehensive ABA approach for younger children, also known as early intensive behavioral intervention, is supported by a few randomized controlled trials (RCTs) and a substantial single-subject literature.
- Developmental relationship–focused interventions (Floortime and RDI) need more research to evaluate efficacy and community use.
- Educational interventions require rigorous studies and are necessary to understand the effectiveness of different models.

The overall evidence for intensive behavioral interventions not considered ABA is insufficient, lacking high-quality research, to determine that the interventions result in an improvement in the net health outcome. Published evidence includes DIR-Floortime (Solomon 2007, Dionne 2011, Pajareya 2011, Solomon 2014, Divya 2023); TEACCH (Ichikawa 2013, Virues-Ortega 2013; Sandbank 2023); RDI (Gutstein 2009); ESDM (Rogers 2012, Sandbank 2023).

PROFESSIONAL GUIDELINE(S)

According to the American Psychological Association (2017), ABA is taught as a core skill in applied and health psychology programs across the United States. As such, the American Psychological Association (APA) affirms that the practice and supervision of applied behavior analysis are wellgrounded in psychological science and evidence-based practice. The APA asserts that the practice and supervision of applied behavior analysis is appropriately established within the scope of the discipline of psychology.

The first ABA practice guidelines were published by the Behavior Analyst Certification Board (BACB) in 2012, with the second edition published in 2014. In 2020, BACB transferred the guidelines to the Council of Autism Service Providers (CASP). CASP published the third edition of the ASD Practice Guidelines in April 2024, listing the following core characteristics of ABA:

- Objective assessment and analysis of the person's condition by observing how the environment affects their behavior, as evidenced through appropriate measurement.
- Understanding the context of the behavior and the behavior's value to the person, their caregivers, their family, and the community.
- Promotion of the person's dignity.
- Utilization of the principles and procedures of behavior analysis to improve the person's health, skills, independence, quality of life, and autonomy.
- Consistent, ongoing, objective data analysis to inform clinical decision making.

The Council of Autism Service Providers (CASP) published practice parameters (2021) and practice guidelines (2024) to assist providers in provider safe and effective treatment via telehealth modalities. However, it is noted that telehealth options are not intended to supplant in-person

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service; rather, they are intended to supplement the traditional in-person service delivery model. Best practice guidelines dictate that an average of two (2) hours of clinical direction is required for every 10 hours of direct treatment (CASP 2021).

REGULATORY STATUS

New York State laws, effective July 01, 2023, require the Health Plan to provide coverage of ABA services for any diagnoses within the scope of practice of an ABA provider. Additionally,

- I. School districts are obligated to provide services to a member under an IEP, an individualized family service plan, or an individualized services plan. The Health Plan is obligated to pay for services provided outside an educational setting and outside the hours of service not covered by the IEP.
- II. There is no age limit for ABA; however, all evidence-based literature regarding ABA is for schoolaged children or younger.
- III. The New York State expansion does not apply to every member's benefit plan. The New York State mandate applies to the following insured products:
 - A. Individual Commercial;
 - B. Group Commercial and blanket policies;
 - C. Medicaid Managed Care; and
 - D. Child Health Plus.

CODE(S)

- Codes may not be covered under all circumstances.
- Code list may not be all inclusive (AMA and CMS code updates may occur more frequently than policy updates).
- (E/I)=Experimental/Investigational
- (NMN)=Not medically necessary/appropriate

CPT Codes

Code	Description
97151	Behavior identification assessment, administered by a physician or other qualified health care professional, each 15 minutes of the physician's or other qualified health care professional's time face-to-face with patient and/or guardian(s)/caregiver(s) administering assessments and discussing findings and recommendations, and non- face-to-face analyzing past data, scoring/interpreting the assessment, and preparing the report/treatment plan
97152	Behavior identification-supporting assessment, administered by one technician under the direction of a physician or other qualified health care professional, face-to-face with the patient, each 15 minutes

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Code	Description
97153	Adaptive behavior treatment by protocol, administered by technician under the direction of a physician or other qualified health care professional, face-to-face with one patient, each 15 minutes
97154	Group adaptive behavior treatment by protocol, administered by technician under the direction of a physician or other qualified health care professional, face-to-face with two or more patients, each 15 minutes
97155	Adaptive behavior treatment with protocol modification, administered by physician or other qualified health care professional, which may include simultaneous direction of technician, face-to-face with one patient, each 15 minutes
97156	Family adaptive behavior treatment guidance, administered by physician or other qualified health care professional (with or without the patient present), face-to-face with guardian(s)/caregiver(s), each 15 minutes
97157	Multiple-family group adaptive behavior treatment guidance, administered by physician or other qualified health care professional (without the patient present), face-to-face with multiple sets of guardians/caregivers, each 15 minutes
97158	Group adaptive behavior treatment with protocol modification, administered by physician or other qualified health care professional, face-to-face with multiple patients, each 15 minutes
0362T	Behavior identification supporting assessment, each 15 minutes of technicians' time face-to-face with a patient, requiring the following components: administration by the physician or other qualified health care professional who is on site; with the assistance of two or more technicians; for a patient who exhibits destructive behavior; completion in an environment that is customized to the patient's behavior.
0373T	Adaptive behavior treatment with protocol modification, each 15 minutes of technicians' time face-to-face with a patient, requiring the following components: administration by the physician or other qualified health care professional who is on site; with the assistance of two or more technicians; for a patient who exhibits destructive behavior; completion in an environment that is customized to the patient's behavior.

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HCPCS Codes

Code	Description
H0031	Mental health assessment, by nonphysician
H0032	Mental health service plan development by nonphysician
H2000	Comprehensive multidisciplinary evaluation
H2014	Skills training and development, per 15 mins
H2019	Therapeutic behavioral services, per 15 minutes

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Code	Description
H2021	Community-based wrap-around services, per 15 mins

ICD10 Codes

Code	Description
Multiple Codes	

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SEARCH TERMS

Not Applicable

CENTERS FOR MEDICARE AND MEDICAID SERVICES (CMS)

Based on our review, Applied Behavior Analysis is not addressed in a National Coverage Determination or policy.

Psychiatry and Psychology Services (LCD L33632) [accessed 2025 Feb 27]

PRODUCT DISCLAIMER

- Services are contract dependent; if a product does not cover a service, medical policy criteria do not apply.
- If a commercial product (including an Essential Plan or Child Health Plus product) covers a specific service, medical policy criteria apply to the benefit.
- If a Medicaid product covers a specific service, and there are no New York State Medicaid

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guidelines (eMedNY) criteria, medical policy criteria apply to the benefit.

- If a Medicare product (including Medicare HMO-Dual Special Needs Program (DSNP) product) covers a specific service, and there is no national or local Medicare coverage decision for the service, medical policy criteria apply to the benefit.
- If a Medicare HMO-Dual Special Needs Program (DSNP) product DOES NOT cover a specific service, please refer to the Medicaid Product coverage line.

POLICY HISTORY/REVISION

Committee Approval Dates

10/25/12, 10/24/13, 12/11/14, 12/10/15, 12/08/16, 12/14/17, 12/13/18, 10/24/19, 10/22/20, 12/16/21, 12/22/22, 06/22/23, 06/20/24, 06/26/25

Date	Summary of Changes	
06/26/25	Annual review, policy intent unchanged.	
01/01/25	Summary of changes tracking implemented.	
10/25/12	Original effective date	