

Alternative or “in Lieu of” Service Description

1. Service Name and Description:

Service Name: **Home Monitoring through Virtual Supervision systems (HMVS)**

Procedure Code: S5135 GT U5

Description:

Home Monitoring through Virtual Supervision provides monitoring for children and adults with intellectual/developmental disabilities through the use of technology. Members receiving this service must live in a non-licensed setting. This service supports individuals to live independently or to live with family in a private home. This service may be provided to children 13-21, where it would developmentally appropriate for a child to stay at home with virtual supervision, when it is assessed that this service provision does not pose any health and safety concerns for the individual.

Home Monitoring through Virtual Supervision is an innovative way to provide support to members without the need for staff to be physically present. This service uses technology to provide monitoring and virtual assistance to maintain and promote the member’s functional status and independence. This service will also provide temporary relief from the supervisory responsibilities of a caregiver without staff needing to be physically present at the home. Technology may include, but not be limited to: Internet based video sharing services such as FaceTime, Skype, WebEx, Zoom, or other two way live video sharing services, video monitoring, sensors, smart home technology, or a combination of different technologies. The technology format will be person-centered based on the individual needs of the member to assure health and safety.

2. Information About Population to be Served:

Population	Age Ranges	Characteristics
IDD	13 -64 years of age	<ul style="list-style-type: none">• Available for individuals living independently or living in a home with family members• Meet NC GS 122c definition for Developmental Disability

3. Treatment Program Philosophy, Goals and Objectives:

Philosophy:

Home Monitoring through Virtual Supervision allows direct support staff to monitor and respond to a member’s health, safety, and other needs using a variety of technology that is available on the market. This service allows a member the independence to be physically alone with the security of staff being

available for remote support. This service can be provided in a number of ways, catered to the member's individual needs. For example:

- Using a two-way communication such as FaceTime, Skype, WebEx, or Zoom,, staff can provide assistance to the member for activities where the member needs verbal prompting/guidance .
- Using a two-way communication, staff can interact with member while caregiver is at the home but not physically in the room.
- Using a video monitoring system, staff visually and audibly monitor the member for health and safety. This monitoring allows the staff to be able to interact with the member as needed for verbal guidance or direction.
- Using sensors on doors, ovens, refrigerators, beds, etc to alert staff to an event that may need intervention. Intervention could include a phone call or video chat.

The service needs are based on a screening/evaluation and the person centered plan (PCP) for services that were approved for which there is an existing service authorization.

The service includes

- Choosing direct support professionals and mode of technology;
- Acquiring and supporting needed technology;
- Learning to use appropriate technology

This service also incorporates a backup plan in the member's person centered plan in the event that Home Monitoring through Virtual Supervision is no longer safe for the member.

Goals of the service include but are not limited to the following:

- Enable stability while living in the community at the least restrictive level of care;
- Promote independence to the fullest extent possible
- Provide periodic relief for the caregiver from the responsibility of supervision of the member

Expected Outcomes:

Home Monitoring through Virtual Supervision allows individuals to remain safely in their homes whether living independently or while caregivers are not physically present. Home Monitoring through Virtual Supervision helps to promote independence and maintain privacy while offering security and verbal intervention as needed. The concept of this service is to allow the flexibility of remote monitoring when hands-on/physical intervention is not needed, thus encouraging independence while still providing a safe environment for the member.

4. Staffing Qualifications, Credentialing Process, and Levels of Supervision (Administrative and Clinical) Required:

Direct Support professionals must have a minimum of a high school diploma. Completion of individualized training necessary to use and maintain all technology used during monitoring. Supervision and person centered planning is completed by a Qualified Professional with experience with the population. Supervision is available daily as needed for direct support professional staff. All services are provided under the direction of a Qualified Developmental Disabilities Professional (QDDP).

Supervision and Training:

Staff who are not a QP must be supervised by a QP.

Unit of Service:

Services	Rate	Unit
Home Monitoring through Home Monitoring through Virtual Supervision systems (HMVS)	\$6	15 min

Anticipated Units of Service per Person:

up to 24 units (6hours) per day;

Targeted Length of Service:

Cannot receive with any other service that provides supervision at the same time. This service length is based on the person centered plan of the individual.

Utilization Management

Prior Authorization by the LME-MCO is required. This service requires concurrent authorization after the first 90 days.

Entrance Criteria

Members with a documented IDD diagnosis who are ready to develop more independence or who are unable to receive services in person traditional services. They must be identified as in need of active supervision as part of a plan to gain greater independence and actively participate in outreach and engagement. Member must be able to follow verbal prompts.

Continued Stay Criteria

This is a short term engagement service Continued stay will be determined based on assessment of ongoing needs for this type of supervision as part of the member step down plan to independence.

Discharge Criteria

Member is fully engaged in traditional DSP provided services;
OR

Member has refused recommended services after reasonable attempts have been made to engage him/her in treatment and no safety issues or concerns are present.

Service Exclusions

Member must have a current authorization for services that are typically provided in person by a direct support professional.

Member may not receive this service at the same time as other services.

Describe why this service is needed and is different than any State Plan or alternative service already defined. If implemented in other states, describe successful outcomes.

Many states like South Carolina and Wisconsin use virtual monitoring to support individuals with IDD. The outcome is greater independence for people with IDD while still receiving support.

Description of comparable State Plan Service Payment Arrangements (include type, amount, frequency, etc.)

Service	Revenue Code	Unit Definition	Units of Service	Cost of Service
ICF-IID	100	Per diem	1 per day per member	Average \$361.76 Annual Cost \$105,183,336

Description of Alternative Service Payment Arrangements (include type, amount, frequency, etc.)

Service	Procedure Code	Unit Definition	Units of Service	Cost of Service
Home Monitoring through Home Monitoring through Virtual Supervision systems (HMVS)	S5135 (Companion care, adult) with GT modifier U5	15 min per unit	up to 24 units (6hours) per day	\$6.00 per unit

Annual Estimated Impact		15 min units	24 units per day x 50 members X 365 days per year	2,628,000
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- **Annual amount uses the assumption of 12 months**

Description of Monitoring Activities:

- Providers will be required to adhere to the In Lieu of Service Definition and will have all required documentation and technology in place to deliver the service. Provider will be expected to have internal quality management process in place to ensure service is delivered according to the definition and reduce risk for fraud, waste, or abuse.