





We provide tools and training to those who support people with vulnerabilities helping them replace risk with health and wellness.

















- American Rescue Plan Act (ARPA) HCBS Health Information Technology (IT) and Infrastructure Grant
 - Deadline Nov 30th
 - Covers projects that improve access to care and monitoring of the quality of care for HCBS Medicaid members
- American Rescue Plan Act (ARPA) HCBS Employee Training and Scholarship Grant
 - No announced deadline
 - Purchase of competency-based training content including self-directed trainings that will enhance the quality of direct services provided





A web-based instrument developed to screen for health risks associated with:

- Intellectual/Developmental Disabilities
- Physical Disabilities
- Traumatic Brain Injury
- Disabilities Associated with Aging
- Children
- Any Vulnerable Population





Scoring Summary Report

Henry Agnew

Henry Agnew

Date of Birth: 04/09/1973

Gender: M

SSN: ***** 0000

08/24/2011 - 73 9 No 5

Last Update Date Last Clinical Review Total Score Total 4 Ratings Q Scored? Healthcare Leve

I. Functional Status

Rating Area	Score	Explanation
A. Eating	1	The person required INTERMITTENT physical assistance and/or verbal prompts to
		complete a meal within the past 12 months.
Rating area last updated: 04/13/2015 by Maryellen Moeser		May need occasional physical assistance or verbal prompts due to issues with attentiveness. May need occasional physical assistance or verbal prompts to reposition adaptive eating utensils or equipment. May need occasional physical assistance for repositioning due to physical limitations. No issues with safety.

Rating Area Notes

8/24/2011 Maryellen Moeser

No Clinical Review notes entered

Rating Area	Score	Explanation
B. Ambulation	3	The person required mechanical assistance to maintain an upright, seated position in a
		wheelchair. Needed assistance to change positions or shift weight within the past 12
Rating area last updated: 04/13/2015 by		months.
Maryellen Moeser		A person qualifying for a score of 3 is ALWAYS unable to walk. Able to be placed in an upright sitting position but cannot maintain a seated posture without outside mechanical
		support (pillows, specialized positioning equipment, adaptive wheelchair, etc.) or physical
		assistance. Needs assistance to reposition OR may not recognize the need to reposition of a consistent basis.

Rating Area Notes



- Should not be confused with a more in-depth assessment process
- Can be used to determine what types of further assessment or evaluation might be required
- Developed for use by non-licensed staff, such as program supervisors or direct care staff
- Nursing oversight is triggered when necessary





- Quantifies health risk based on objective criteria
- Aids in mitigating identified risk
- Enables ongoing monitoring of the person throughout their time in services
- Ensures continuity of care
- Facilitates effective communication with community clinicians







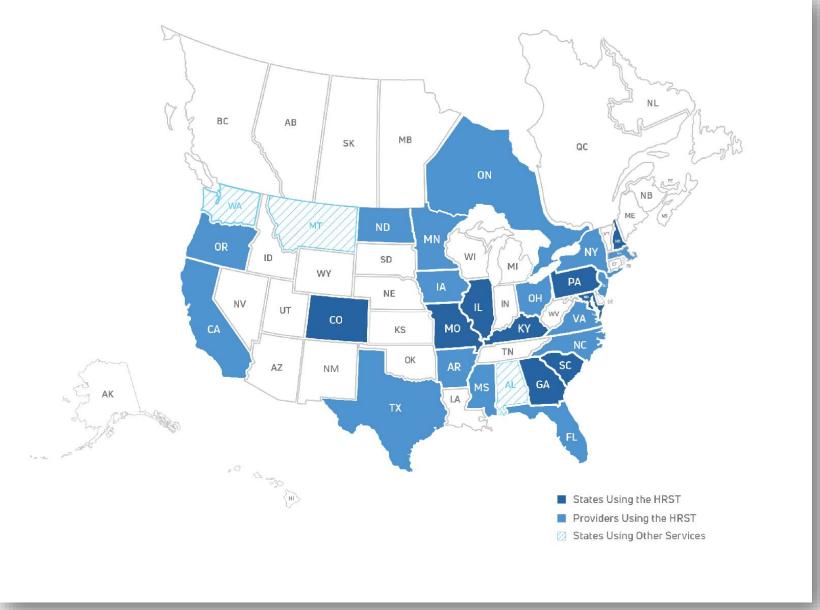
Developed in 1992 – federal lawsuit Known originally as "Physical Status Review" (PSR) Extensively field tested on 6000 people

Used in numerous states

Web-based version released in 2006











- Serving those with I/DD in the community is a new endeavor
- Those who serve the person most directly often have little to no training on identifying the emergence of health-related risk or destabilization
- Early detection and action saves lives!
- Major signs of risk can go unappreciated or masked by
 I/DD attributes, such as an inability to communicate
- Poly-pharmacy dynamics in the community





The HRST is a simple 22 item scale designed to find out which people are at most risk of illness and health destabilization

The tool then responds by producing action steps that empower support staff in the form of special attention and prevention

The HRST Categories and Items

I. Functional Status

- A. Eating
- B. Ambulation
- C. Transfer
- D. Toileting
- E. Clinical Issues
 Affecting Daily Life

II. Behaviors

- F. Self-Abuse
- G. Aggression
- H. Behavior Support Physical
- I. Behavior Support Chemical
- J. Psychotropic Medications

III. Physiological

- K. Gastrointestinal
- L. Seizures
- M. Anti-Epileptic Medications
- N. Skin Integrity
- O. Bowel Function
- P. Nutrition
- Q. High-Risk Treatments

IV. Safety

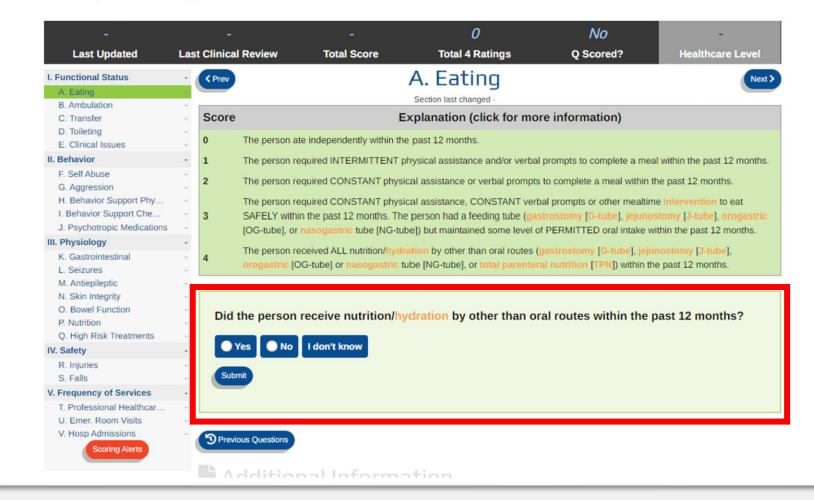
- R. Injuries
- S. Falls

V. Frequency of Services

- T. Professional Healthcare Visits
- U. Emergency Room Visits
- V. Hospitalizations

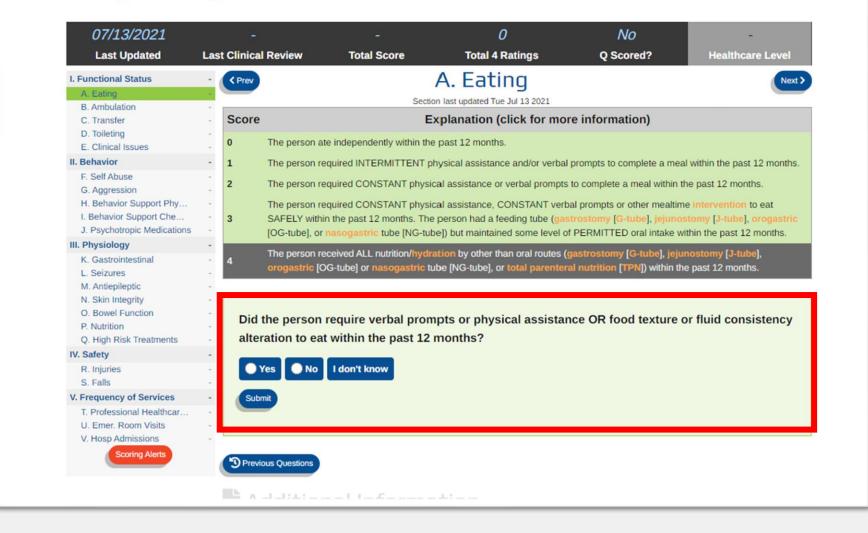


≔ My Ratings



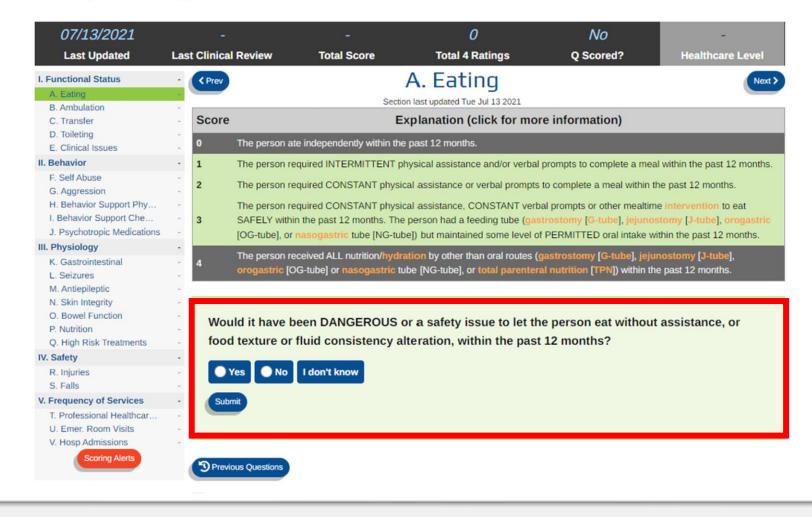


≔ My Ratings





≔ My Ratings





Confirm Score

Rating Area A

Item A Eating: This item rates the person's ability to consume an adequate number of calories and fluids to maintain health and well-being.

Score **Expanded Explanation** The person ate independently within the past 12 months. May require simple adaptive equipment (hand splint, special eating equipment, etc.) but is able to eat without assistance or supervision. Those needing help only to cut food into regular, bite-sized pieces should score 0. Those who require altered food texture or fluid consistency require a higher score. The person required INTERMITTENT physical assistance and/or verbal prompts to complete a meal within the past 12 months. May need occasional physical assistance or verbal prompts due to issues with attentiveness. May need occasional physical assistance or verbal prompts to reposition adaptive eating utensils or equipment. May need occasional physical assistance for repositioning due to physical limitations. No issues with safety, and the person providing assistance is not required to be present at all times during eating. The person required CONSTANT physical assistance and/or verbal prompts to complete a meal within the past 12 months. Has difficulty attending to task OR may have motor limitations OR attention issues that require constant physical assistance AND/OR verbal prompts. There are NO safety issues. No issues with swallowing or potentially dangerous eating behaviors. A true and accurate score of 2 on this item will be rare. Constant assistance with a meal usually indicates issues with safety, which would cause the score to be 3. The person required CONSTANT physical assistance, CONSTANT verbal prompts or other mealtime intervention to eat safely within the past 12 months. OR The person had a feeding tube (gastrostomy [G-tube], jejunostomy [J-tube], orogastric [OG-tube] or nasogastric tube [NGtube]) but maintained some level of PERMITTED oral intake within the past 12 months. May have difficulty coordinating breathing/swallowing while eating OR have dangerous behaviors such as taking food from others or overstuffing the mouth OR other conditions that impair the ability to eat safely. Unable to obtain adequate calories and/or fluids without assistance. Interventions were required (specific positioning support, eating devices, and/or modifications in food texture or fluid consistency). May require hand feeding. May have behavioral OR swallowing issues that require specialized presentation techniques or restricted access to food items. May have an enteral (feeding) tube but is allowed or encouraged to have some level of oral eating. If a feeding tube is in place but is rarely or never used, the score is still 3. The person received ALL nutrition/hydration by other than oral routes (gastrostomy [G-tube], jejunostomy [J-tube], orogastric [OG-tube] or nasogastric tube [NG-tube], or total parenteral nutrition [TPN]) within the past 12 months. Has a prescription for nothing by mouth (NPO). Unable to swallow safely. Has other issues that require alternatives to oral eating. Persons who sneak food, take food from others, or otherwise receive food by mouth against the healthcare provider's prescription still qualify for a score of 4.

Please review the score in light of the information above. Are you sure this score is correct?

Enter Note

A note is required for this rating

Enter notes relating to this rating here..







The HRST Categories and Items

I. Functional Status

1

0

1

A. Eating

B. Ambulation

C. Transfer

D. Toileting

E. Clinical Issues
Affecting Daily Life

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F. Self-Abuse

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J. Psychotropic Medications

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R. Injuries

S. Falls

V. Frequency of Services

T. Professional Healthcare Visits

U. Emergency Room Visits

V. Hospitalizations



The HRST Categories and Items

4 I. Functional Status

1

0

0

2

A. Eating

B. Ambulation

C. Transfer

D. Toileting

E. Clinical Issues
Affecting Daily Life

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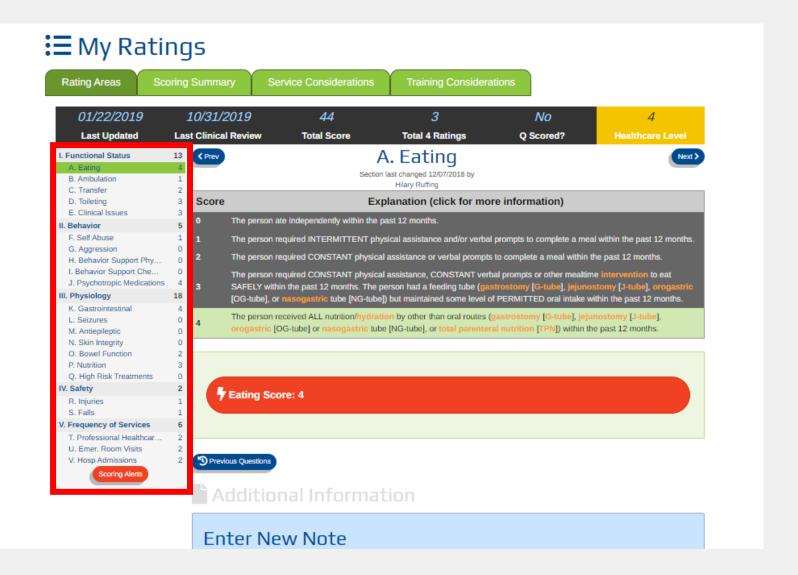
V. Frequency of Services

T. Professional Healthcare Visits

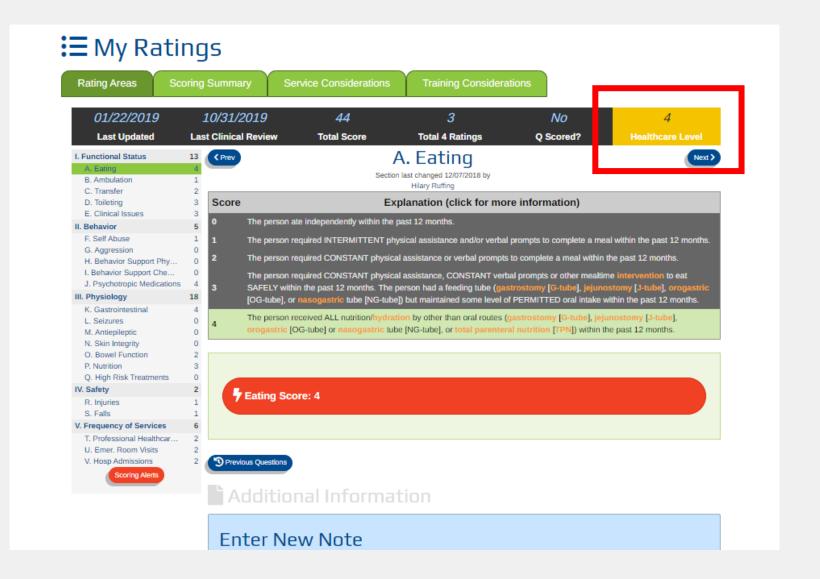
U. Emergency Room Visits

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Level 1 Level 2

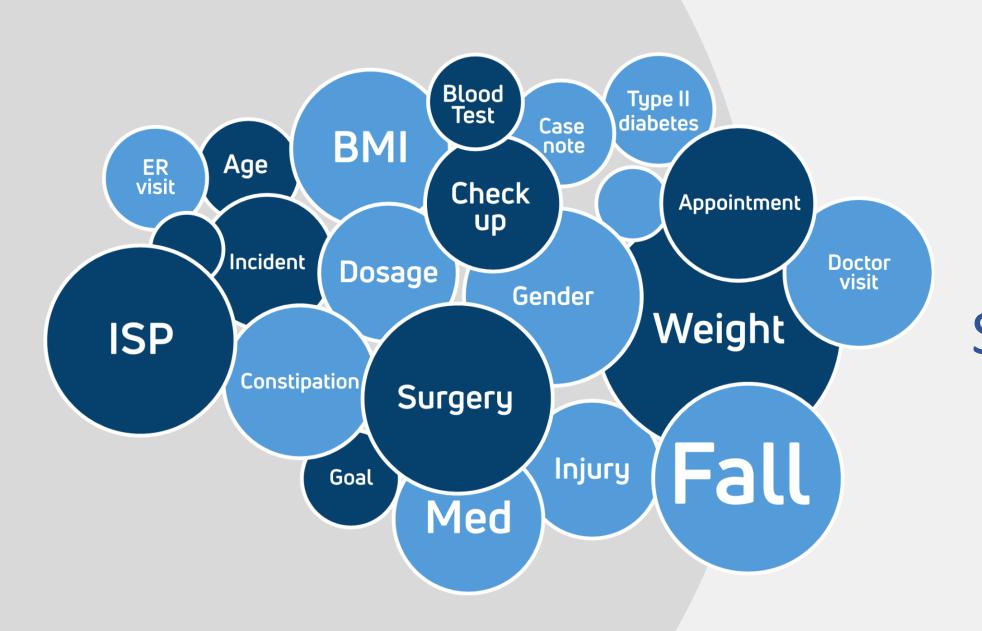


Level 3 Level 4



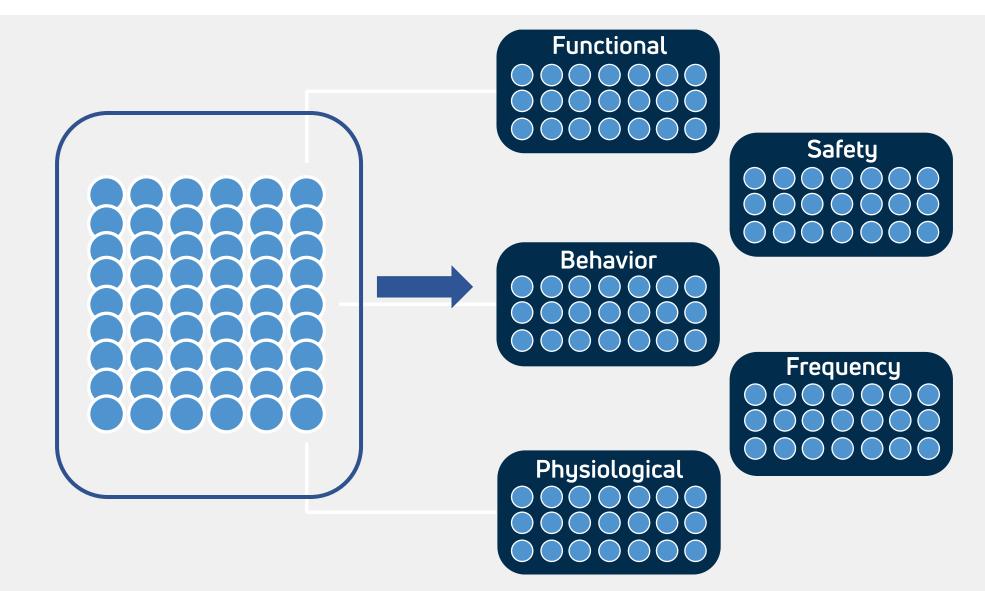
Level 5 Level 6





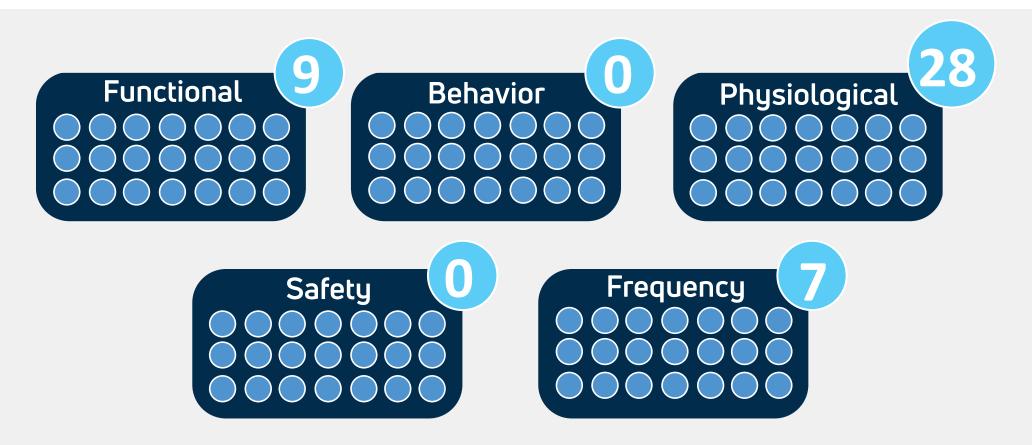
So Much Data!

Data Aligned Into Categories

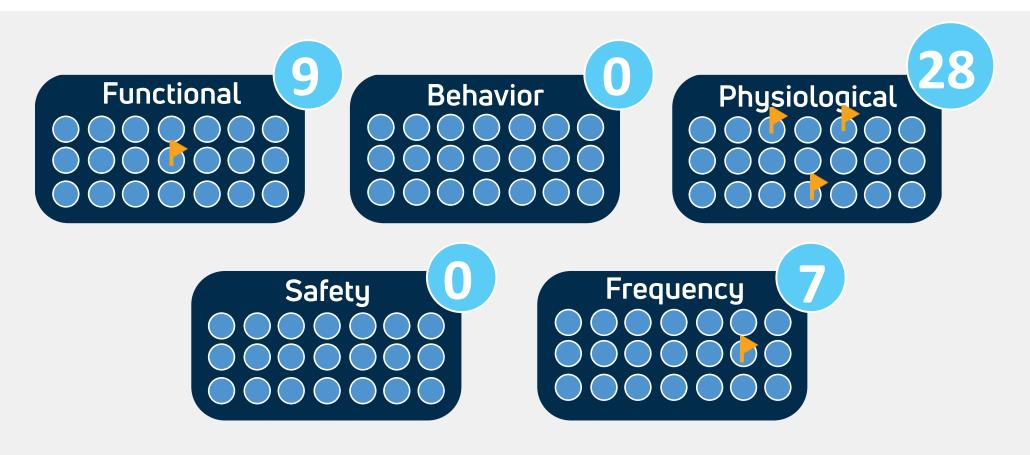




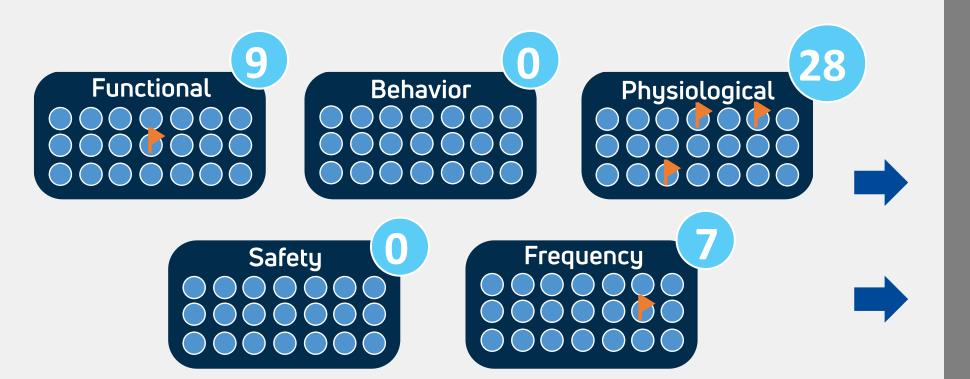












Service Considerations	
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Training Considerations	
Training Considerations	
Training Considerations	

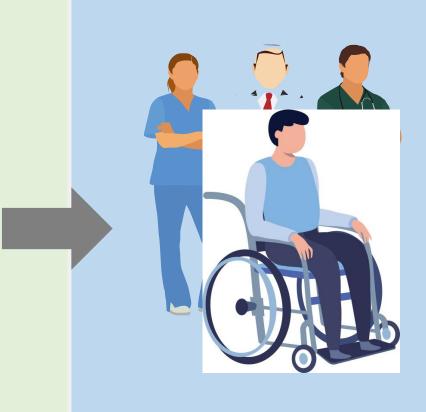


Service Considerations





Service Considerations



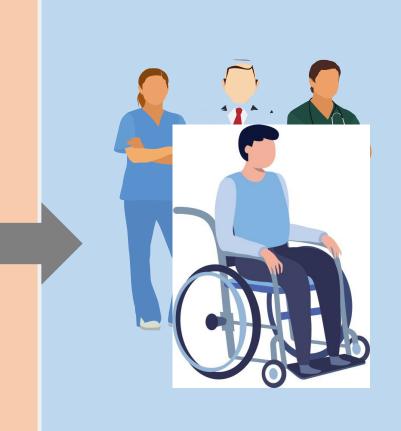


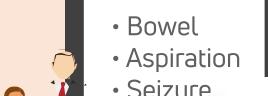


Training Considerations



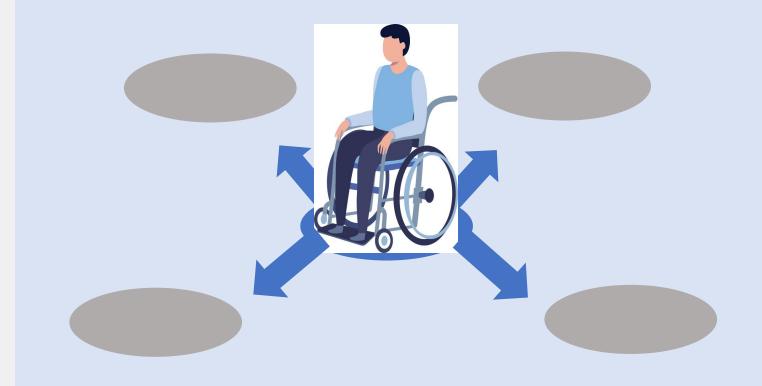
Training Considerations



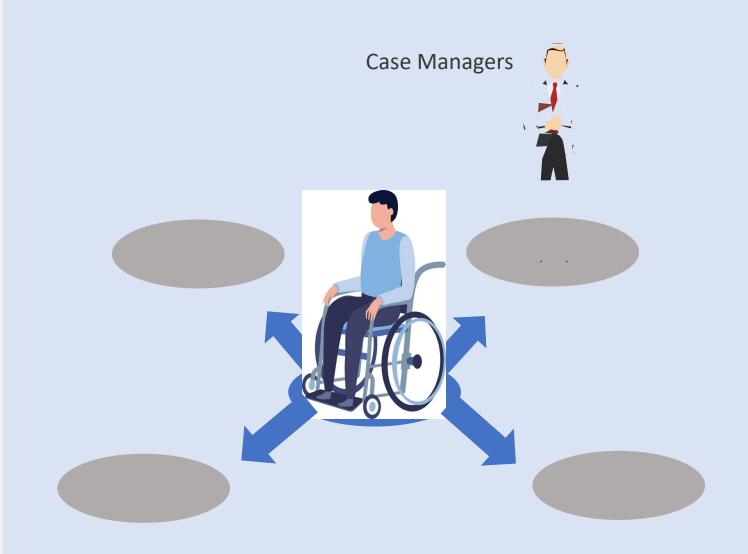




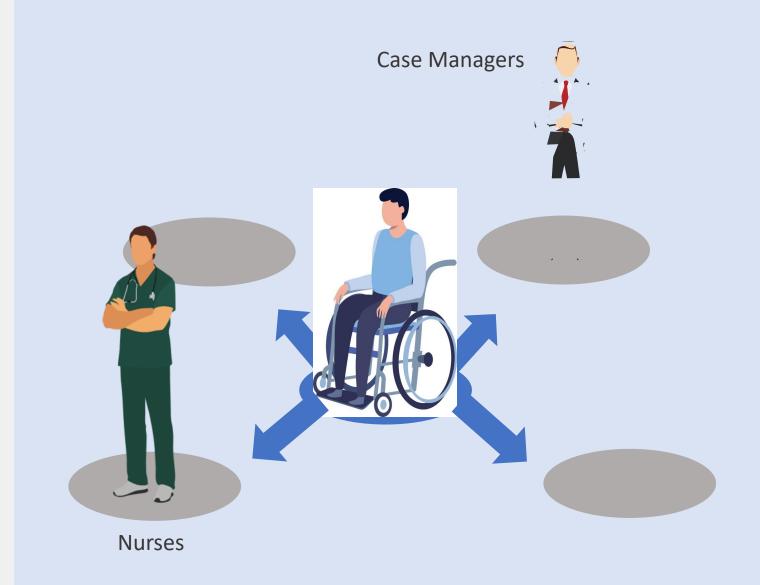




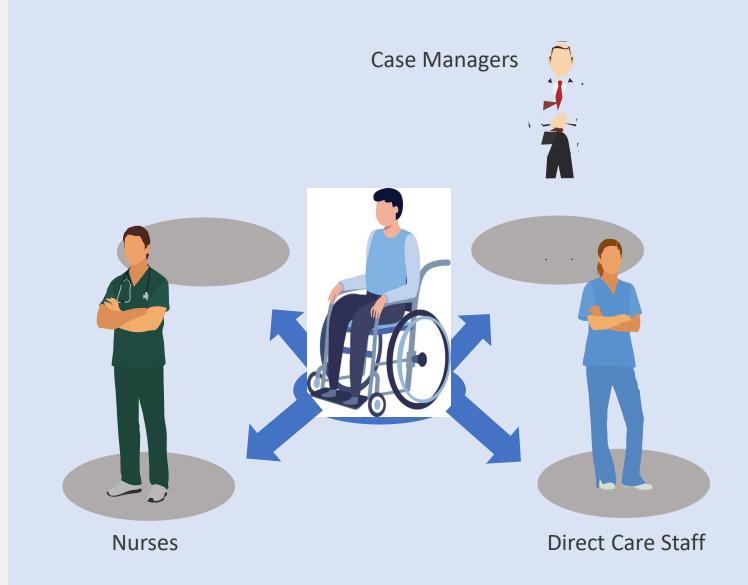






















- For an initial screening, average time takes approximately 30-60 minutes, depending on the complexity of the person
- Updates often require little time to complete





- At least annually to ensure the person's health is stable
- Reviewed and updated when the person's health status changes (ER visits, Hospitalizations, new diagnoses or meds, injuries, etc.)









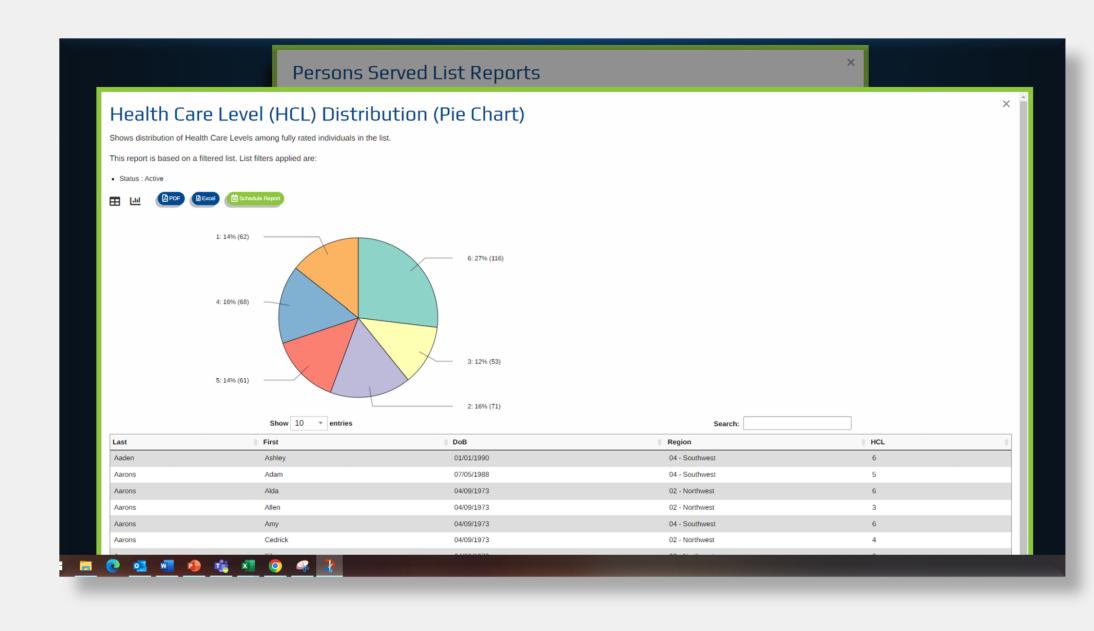
Required:

- Online Rater Training (4-6 hours)
- Advanced Rater Training (4-6 hours)
- Clinical Review Training (6 hours)

Optional:

- Capturing Change in the HRST
- Using the HRST Considerations to Reduce Risk
- How to Create and Schedule Reports







- Designed and applied over the last 21 years
- Tested, revised, and extensively field tested
- Internal Consistency Reliability

Data Set	Alpha
March 2011	.828
Sept. 2011	.833
March 2012	.836

Above 0.9	Excellent		
Between 0.8 - 0.9	Good		
Between 0.7 - 0.8	Acceptable		
Between 0.6 - 0.7	Questionable		
Between 0.5 - 0.6	Poor		
Below 0.5	Unacceptable		

Test-Retest Reliability

Months Apart	Months Apart Months Compared	
6 months apart	March 2011 - Sept. 2011	.958
6 months apart	Sept. 2011 - March 2012	.962
12 months apart	Sept. 2011 - March 2012	.921



Validated by Independent Research



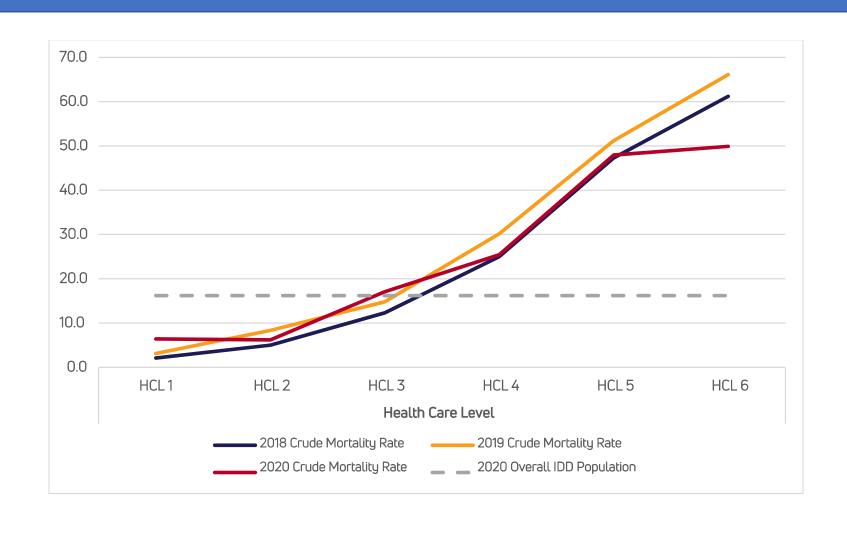




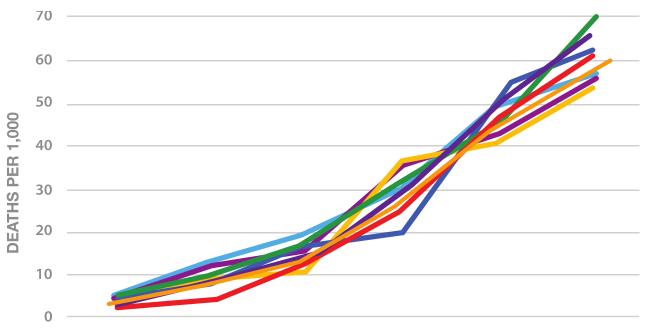
GA DBHDD

- J. R. Gravitt Director, Office of Performance Analysis
- Annual Mortality Reports 2013-2019
 - Focus was on I/DD population, fully screened using the HRST
 - Support correlation between HRST Health Care Level and mortality dynamics

Mortality Rate by HRST HCL 2018-2020



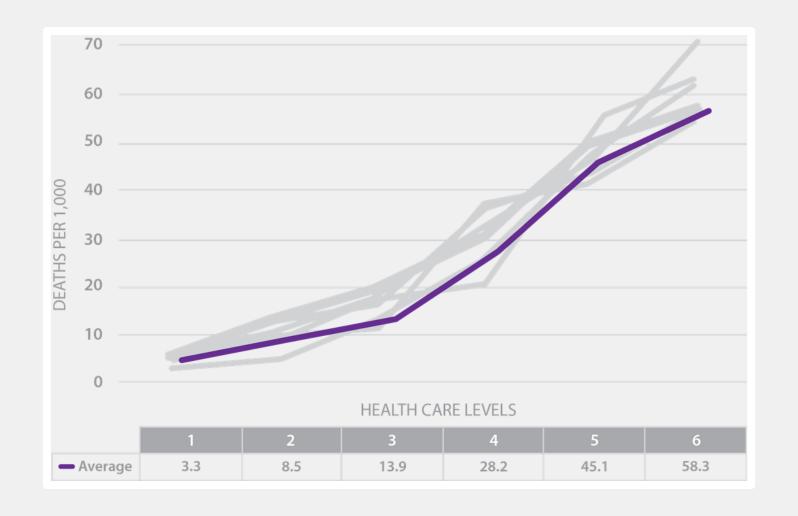




HEALTH CARE LEVELS

	1	2	3	4	5	6
2013	2.4	9.7	15.6	24.8	40.8	47.7
2014	3.4	9.0	12.1	29.2	35.7	46.7
2015	3.1	9.1	10.7	36.2	40.4	53.5
2016	4.0	8.5	15.8	20.4	54.4	62.7
2017	5.1	9.9	15.9	31.9	45.9	70.1
2018	2.1	5.0	12.3	25.0	47.3	61.2
2019	3.1	8.3	14.8	30.2	51.2	66.1
2020	6.4	6.2	17.1	25.4	47.9	49.9

Mortality Rate by HRST HCL









- A study focused on the HRST was just published in the peer reviewed Journal of Nursing Measurement
- "An Examination of the Validity of the Health Risk
 Screening Tool: Predicting Mortality in People With
 Intellectual Disabilities"
- Conclusions of the study:
 - "The HRST can predict mortality. Therefore, it can serve as a basis for establishing healthcare needs and determining nursing care acuity."



- 10% of persons served saw a decrease in HCL
- 9% decrease in ER/Urgent Care visits
- 20% decrease in preventable healthcare medications
- 25% decrease in Falls

• \$13,812 saved in ER visits alone





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Academy

Online Training for Person-Centered Health Support



eLearn Courses

- The Fatal Five
 - Fundamentals
 - Advanced
 - Case Management
- How to Manage Choking
- Curriculum in IDD Healthcare



Produced in collaboration with the University of Georgia and Georgia Dept of Behavioral Health and Developmental Disabilities (with guidance from the Department of Justice) and/or private agencies in the US

- In broad use since 2016
- Implemented by both states and private providers in numerous states
 - Georgia
 - Maryland
 - Colorado
 - Montana
 - New York
 - Alabama
 - Mississippi
 - New Mexico
 - Delaware



The Fatal Five

- (L) 4-6 HR
- 3 different tracks Fundamentals (DSPs), Advanced (Nurses), and Case Manager
- 7 modules covering the top preventable causes of death in people with I/DD
- Demonstrates how to apply information in whatever role you have
- Illuminates that "behaviors" are often signs of underlying medical conditions
- Empowers staff to... TAKE ACTION!









How to Manage Choking

Mitigate the Risk of Choking



- 2 modules
- For Direct Support Professionals and other supporters of people with I/DD
- Teaches:
 - Causes of choking
 - Who is at risk
 - How to mitigate that risk
 - What to do when it happens





Curriculum in IDD Healthcare

IDD Healthcare Fundamentals for Clinicians

- ★ 5 CME/6 CEU CREDITS
- (\) 4.5HRS
- By a physician for physicians and other clinicians
- Teaches the fundamentals of IDD Healthcare
- Provides practical, immediately usable information
- 6 Modules
 - IDD Basics: The , Now and Next
 - Healthcare Basics in IDD
 - Common Behavioral Presentations of Medical Conditions
 - Dual Diagnosis
 - Effective Communication
 - · Bringing it all together: Case Studies in IDD Healthcare





Needing a Custom Course?

- In-house design and production team
- Subject matter experts
 - Over 300 collective years of experience on staff
 - Collaborate with outside experts







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Person-Centered Services

Person-Centered Thinking: A Prerequisite to Person-Centered Planning

Virtual (Or On-Site) Person-Centered Thinking Training

- ▶ Designed for all levels of learners
- Live, interactive, FUN training experience conducted via Zoom or on-site
- ► Virtual: 6 modules, 3 hours each, conducted over the course of 3 (preferably) consecutive days
- ► Trainers are credentialed by <u>The Learning</u> <u>Community for Person-Centered Practices</u>
- ► Up to **20** attendees per session trained on:
 - Fundamental skill sets of PCT that support people's hopes, dreams, and values without neglecting health and safety
 - ► Discovery, Everyday Learning, and Management Skills (11 total)



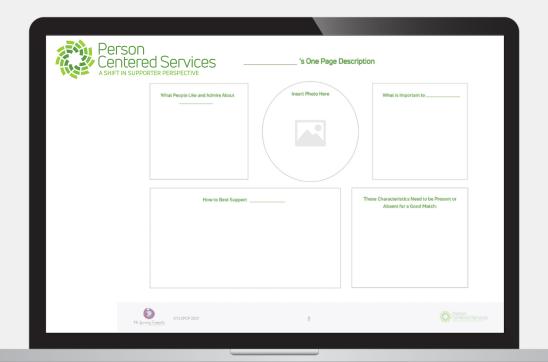


- 2-Minute Drill
- Communication Chart
- Relationship Map
- Good Day/Bad Day
- Reputations
- Rituals & Routines
- Learning Log
- Working/Not Working
- 4+1 Questions
- Matching
- The Donut





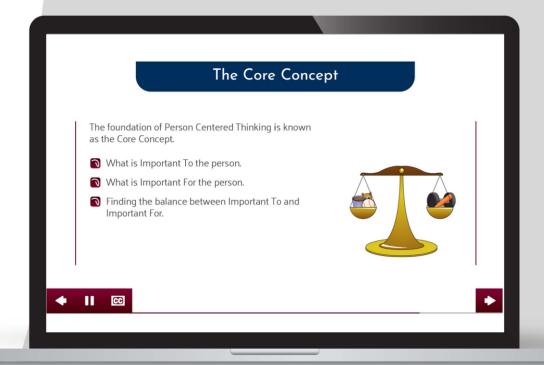
- ► Electronic version of the Person-Centered Description utilized in PCT Training
- ▶ Designed to be utilized by those who have completed PCT Training
- ► Includes built in tutorials, guides, and videos
- ► Easily updated and shared and ensures continuity of care despite staff turnover
- Feeds into the Annual Plan





- Designed for frontline staff or to serve as a refresher on certain skills
- Supplements but does not replace the need for the full, live training
- Six (6) self-paced eLearn modules
- 30-minutes each
- Designed to be uploaded in an existing LMS or offered via the IntellectAbility LMS
- Topics Covered:
 - An Introduction and Overview of Person-Centered Thinking
 - Core Concept: Important To & Important For
 - The Learning Log
 - The Donut
 - Working/Not Working
 - Four Plus One Questions

Result: Supporter trained in the overarching and basic concept of PCT





Person-Centered Thinking Coach Training

- Serve as PCT skill experts
- Trained to coach other attendees through the use of skills
- Can provide QA oversight to the ePCD
- Keep momentum going
- 6 months of virtual training = One, 6-hour webinar/month + agency specific consultation



Person-Centered Thinking Trainer Credentialing

- Trained to provide PCT Training to others
- Can be trained to deliver the training on-site, virtually, or both
- Must be credentialed in pairs
- Designed to create an entirely autonomous system; no reliance on vendor to provide ongoing training
- 4 months of virtual training = 90-minute weekly meetings with Mentor (Mondays) followed by two separate on-site or virtual demonstration of training curriculum



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