

The Evolution of the McCarron-Dial System: Back to the Future

1

The McCarron-Dial System (MDS)

Jack G. Dial, Ph.D.

2

The Development of the MDS

The MDS evaluates the work potential and independent living levels of persons with disabilities

Used in rehabilitation, education and traditional clinical applications

3

MDS

- Neuropsychologically-based
- Predicts vocational potential
- Predicts residential level
- Used in developing individual rehabilitation and educational program plans

4

Foundations and Research

- Based on principles derived from traditional neurology and from Luria's functional systems theory
- The brain-behavior link: translating the evaluation profile to an effective rehabilitation plan

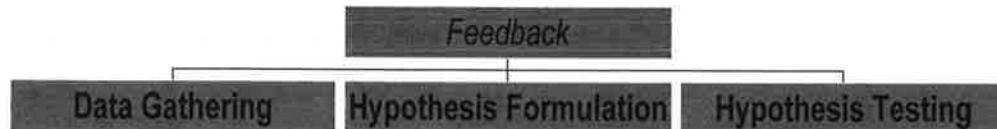


MDS Factors

We will group these into factors:

- Verbal-Spatial-Cognitive
- Sensorimotor
- Emotional-Coping
- Vocational Interests & Development

Model of Evaluation



7

Data Gathering

- Occurs during Assessment Phase
- History
- Behavioral Observations
- Standardized Tests

- Used in educational evaluation, neuropsychological diagnosis & vocational evaluation

8

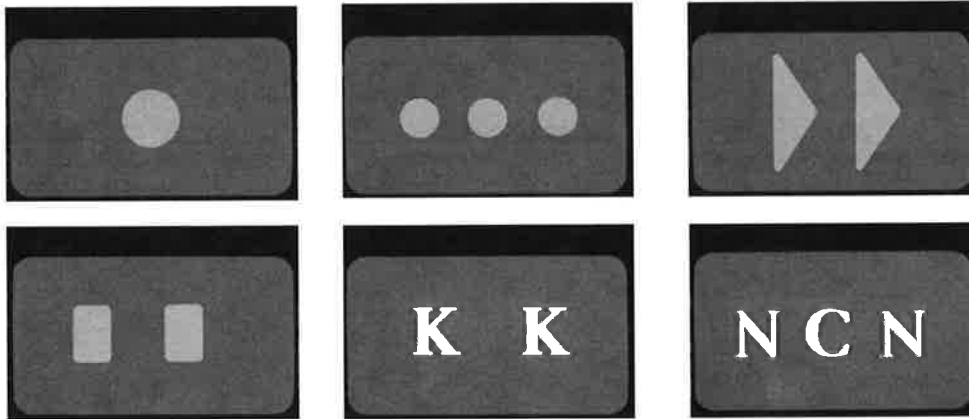
MDS Factors & Assessment Instruments

MDS Factors	Instruments
Verbal-Spatial-Cognitive	Wechsler Adult Intelligence Scale WAIS-3/WISC-4 Cognitive Test for the Blind (CTB) Peabody Picture Vocabulary Test (PPVT) Perceptual Memory Task (PMT) Peabody Individual Achievement Test (PIAT) Wide Range Achievement Test (WRAT-3) Woodcock-Johnson Psychoeducational Battery (WJ-III or WJ-R)

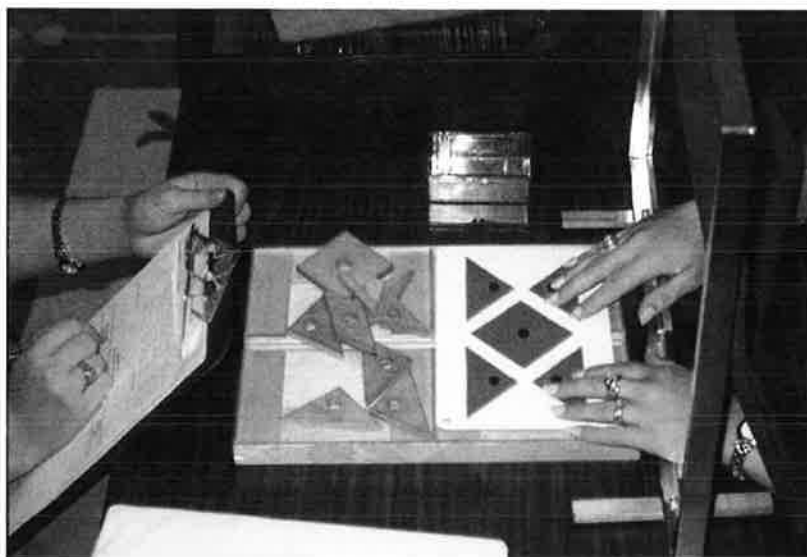
9

CTB Haptic Category Learning

- Number



10



11

MDS Factors & Assessment Instruments

MDS Factors	Instruments
Sensory	Bender Visual Motor Gestalt Test (BVMGT) Haptic Visual Discrimination Test (HVDT) Haptic Sensory Discrimination Test (HSDT) Seashore Rhythm Test (SRT) Speech Sounds Perception Test (SSPT)

12

HVDT & HSDT Subtests

1. Shape
2. Size
3. Texture
4. Discrimination

13



14

The Motor Factor

McCarron Assessment of Neuromuscular Development (MAND)



15



16



17



18



19

Primary Emotional Measures

- Observational Emotional Inventory – Revised (OEI-R)
- Emotional Behavioral Checklist (EBC)

20

OEI-R & EBC Factors

1. Impulsivity-Frustration
2. Anxiety
3. Depression-Withdrawal
4. Self-Concept
5. Socialization
6. Aggression
7. Reality Disorientation

21

Integration-Coping Factor

- Adaptive behavior
- Related to activities of daily living, personal-social and work adjustment
- Measured by the SFAB

22

Survey of Functional Adaptive Behaviors (SFAB)

135 specific behavioral items covering four major skill areas:

1. Residential living skills
2. Daily living skills
3. Academic skills
4. Vocational skills

23

Vocational Levels

- Basic skills/day activity centers
- Prevocational/work activity centers
- Advanced prevocational/work training centers
- Vocational readiness/transitional training programs
- Vocational Education/community employment settings

24

Independent Living Levels

- Total care
- Intermediate care facility (ICF)
- Group home
- Semi-independent living
- Independent living

Contact Info

- www.jackdial.com
- 972.541.0818
- Jgdial@aol.com