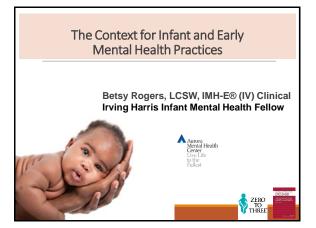


Welcome, Introductions and Acknowledgements

- The Original DC:0-3 and the Colorado Connection
 - o Dr. Robert Emdee
 - o Dr. Robert Harmon
- Project BLOOM 2006 Training of Trainers
- Zero to Three Training of Trainers
- Dr. Karen Frankel and the Irving Harris Program in Child Development and Infant Mental Health
- Dr. Beth Limberg, DC:0-3R National Trainer
- DC:0-5 Timeline



Learning Objectives for Today

- Process for diagnosing very young children
- Advantages and disadvantages of diagnosis
- Multi-axial diagnostic system of DC: 0-3R
- DC: 0-3R checklists and rating scales
- Distress in the context of development and relationships
- Philosophy of Intervention

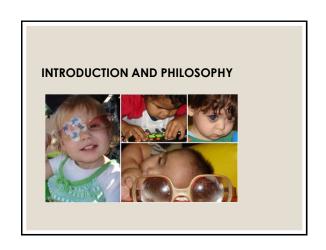
Scope of Today's Training

- This training is intended to introduce participants to the use of DC:0 - 3R
- True and lasting competence will come with:
 - Conducting multiple, thorough assessments
 - Regularly consulting with supervisors and colleagues
 - Experts
 - Same-level colleagues

Think of a Child



- What do you wonder about? What questions do you have?
- What are the child's presenting concerns?
- How would you assess the child's overall development? How did you, or how would you assess overall development?
- Do you believe that the diagnosis you have chosen, fully encompasses the clinical picture and presenting problems? If not, what is missing?
- Does the current diagnosis guide your treatment effectively?
- Have you been able to see this child in their natural settings and with their primary care providers? If not, what makes this difficult?

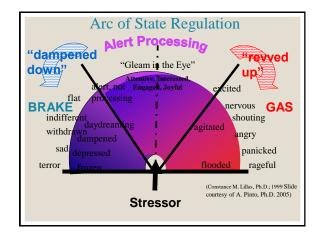


Definition of Infant Mental Health from Zero to Three

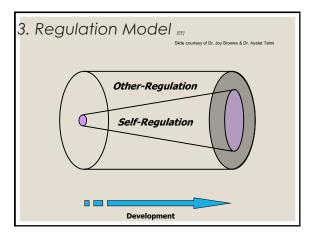
- The developing capacity of the child from birth to three to experience, regulate, and express emotions;
- Form close and secure interpersonal relationships;
- Explore the environment and learn
- All within the context of family, community, and cultural expectations for young children

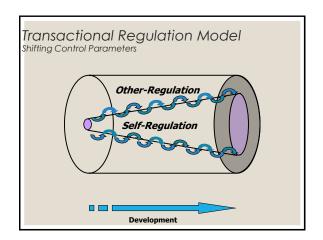
ZERO TO THREE: National Center for Infants, Toddlers and Families



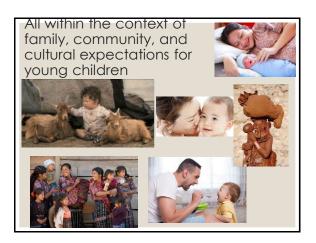












Definition of Infant Mental Health

- Synonymous with healthy social and emotional development (within the scope of normal development)
- Happy Baby Video

Definition of Infant Mental Health *Practice*

"Infant mental health clinicians work to

- 1) enhance the development of very young children and
- 2) alleviate their suffering"

Charles Zeanah, M.D., & Paula Doyle Zeanah, Ph.D. Zero to Three Bulletin

We refer when behavior ...

- ols unusual for the child
- Causes parents & others to see the child as "difficult"
- Makes satisfying interactions difficult
- Is seen in multiple settings by a number of people
- o Persists

Parlakian & Seibel, 2002. Building Strong Foundations.



Assessment Philosophy Assessments should include:

- Multiple areas of development
- Individual differences and regulatory patterns
- The quality of the relationship that develops between infants and caregivers
- The context in which the infant lives
 - Family Relationships
 - Family Culture
 - The Immediate Environment neighborhood, community
 - The Larger Culture

Challenges of Assessment with Infants and Young Children

- There are rapid changes in development
- The "developmental appropriateness" of behaviors changes over time
- The environmental context influences the child's developmental progress

Assess the Infant's Psychological and Developmental Status

- Temperament
- Progress to developmental milestones
- Socio-emotional milestones
- Medical problems, neuropsychological deficits
- Resiliency, strengths, talents

Assess the Quality of Relationships

- Affective tone
- Rhythms, expectancies, contingencies
- Flow, efficacy, coordination
- Comfort seeking, secure base, exploration
- Social referencing, relating to others

Assess the Infant in Context

- Parent's psychologies
 - mental status; psychiatric diagnoses
 - opersonality issues; substance abuse history
- Family as a care-giving system
- Cultural, community, and ethnicity influences
 - · Community Trauma
 - · Historical Trauma

Intervention Philosophy

"There is no such thing as a baby – there is a baby and someone." DW Winnicott

Infant mental health professionals must consider the complexity of infant and family relationships.

Challenges of Diagnosing

- Complexity of early childhood development
- "Labeling"
- Experience of the assessor
- Assess individuals; diagnose disorders

Benefits of Diagnosing

- Speak the same language
- Conduct research
- Provide appropriate services for families
- Diagnostic process and formulation should guide clinical treatment

Diagnostic Classification of Mental Health and Developmental Disorders of Infancy and Early Childhood: Revised Edition (DC:0-3R)

> Dr. Noelle Hause, EdD, LPC, IMH-E(IV) Clinical Irving Harris Infant Mental Health Fellow









Original Task Force convened by Zero To Three: National Center for Infants, Toddlers and Families (1987-2003) Purpose:

- To focus on the first 3-4 years
- To provide a developmentally sensitive diagnostic tool for young children
- To consider the impact of relationships
- To consider problems/behaviors not captured by other classification systems
- To complement other systems (e.g., DSM, ICD)

DC: 0-3R

DC:0-3R

- AXIS I:
- Clinical disorders
- · AXIS II:
 - Relationship classification
- AXIS III:
 - Medical & developmental disorders and conditions
- AXIS IV:
 - Psychosocial stressors
- AXIS V:
 - Emotional and social functioning

Diagnostic Considerations

- Primary (working) diagnosis
- Rule/out diagnoses
- · Co-morbidity (Co-occurring)



Axis I: Clinical Disorders

- 100 Posttraumatic Stress Disorder
- 150 Deprivation / Maltreatment Disorder
- 200 Disorders of Affect
- 300 Adjustment Disorder
- 400 Regulation Disorders of Sensory Processing
- 500 Sleep Behavior Disorder
- 600 Behavior Disorder
- 700 Disorders of Relating & Communicating
- 800 Other Disorders (DSM or ICD)



AXIS I: 100. POSTTRAUMATIC STRESS DISORDER

Diagnostic Classification: 0-3R



AXIS I: 100. POSTTRAUMATIC STRESS DISORDER

- Symptoms result from a single event, connected series of traumatic events, or chronic, lasting stress
- Child may directly experience or witness an event(s) that involve(s) actual or threatened death, serious injury, or threat to the psychological or physical integrity of the child or others
- Considerations: child's developmental level, temperament, and caregiver's ability to help the child cope

AXIS I: 100. POSTTRAUMATIC STRESS DISORDER

Must meet all 5 criteria:

- 1. Exposure to a traumatic event
- Re-experiencing traumatic event(s) (at least 1) (Example: Post-traumatic play)
- Numbing of responsiveness or interference with development (Example: Restricted range of affect)
- 4. Symptoms of increased arousal (Example: Sleep problems)
- 5. Symptom pattern persists for at least one month

AXIS I: 100. POSTTRAUMATIC STRESS DISORDER

Associated features:

- ☐ May temporarily lose previously acquired developmental skills
- □Aggressive with peers, adults, or animals
- ☐ Fears not present before traumatic event (i.e., separation anxiety, fear of toileting alone)
- ☐ Sexual and aggressive behaviors that are not ageappropriate

Axis I:150. DEPRIVATION/ MALTREATMENT DISORDER

- · Experienced deprivation and maltreatment
- Disturbed & developmentally inappropriate attachment behaviors--Child rarely/ minimally turns to attachment figure for comfort, support, protection & nurturance

Three patterns:

- 1. Emotionally Withdrawn or Inhibited Pattern
- 2. Indiscriminate or Disinhibited Pattern
- 3. Mixed Pattern

Diagnostic Classification: 0-3R

AXIS I: 200. DISORDERS OF AFFECT

- 210. Prolonged Grief/Bereavement
- 220. Anxiety Disorders
- 230. Depression of Infancy & Early Childhood
- 240. Mixed Disorder of Emotional Expressiveness

Diagnostic Classification: 0-3R



220. Anxiety Disorders

General characteristics of all anxiety disorders

- Distress
- Pervasive across two or more activities or within two or more relationships Is uncontrollable, at least some of the time
- Impairs the child's or the family's functioning and/or the child's expected development
- Persists
- · AXIS 221. Separation Anxiety Disorder
- AXIS 222. Specific Phobia
- AXIS 223. Social Anxiety Disorder
- · AXIS 224. Generalized Anxiety Disorder
- AXIS 225. Anxiety Disorder NOS



AXIS I: 300. ADJUSTMENT DISORDER

Must meet all 5 criteria:

- Presence of an environmental stressor(s)
- Disturbance of affect or behavior appears within 1 month
- Does not meet criteria for PTSD, Disorders of Affect,
 Disorders of Relating & Communicating
- Symptoms persist for more than 2 weeks

Diagnostic Classification: 0-3R

Jared is a 3 year old boy who attends a community child care center. There are 15 children in his class. His teachers report that he has a difficult time sitting and paying attention in circle time. When the teachers give the children free time, Jared often moves from center to center and usually avoids the art area and quiet areas. The teachers describe him as a risk taker, as he often climbs to the top of the playground equipment and jumps to the ground or jumps off of a moving swing. He has difficulty taking turns, plays rough with others, and frequently touches his peers.

At home, his parents describe him as having frequent temper tantrums, being rough with his baby brother, unable to sit through a meal and accident prone or "reckless". Once he gets "worked up" or excited it is difficult for him to settle down.

What DSM-V diagnostic criteria does his symptoms fit?



AXIS I: 400. REGULATION DISORDERS OF SENSORY PROCESSING

- Difficulties in regulating emotions/ behaviors in response to sensory stimulation, leading to impairment in development and functioning
- · Behavior patterns exhibited across settings and within multiple relationships

7 Sensory Domains:

auditory sound & hearing

visual sight & light tactile touch

proprioceptive

deep pressure, vibration, muscle & joint vestibular movement & gravity

olfactory

gustatory taste

smell

AXIS I: 400. REGULATION DISORDERS OF SENSORY PROCESSING

- Requires presence of the following:
 - Sensory processing difficulties
 - Motor Difficulties
 - Specific Behavioral Pattern
- Three types:
 - 410. Hypersensitive
 - 420. Hyposensitive/ under-reactive
 - 430. Sensory stimulation-seeking/ Impulsive



Axis I: 410. RDSP Hypersensitive

- Aversive responses to sensory stimuli (e.g.,light touch, loud noises, bright lights, unfamiliar smells and tastes, rough textures) and/or movement in space
- Two characteristic behavior patterns:
 - Type A: Fearful/Cautious
 - Type B: Negative/Defiant



411: RDSP Type A: Fearful/ Cautious

- · Sensory Reactivity Patterns:
 - Over-reactivity to sensory stimuli
- Motor Patterns:
 - Impacts ability to manipulate/ interact with environment
 - Resulting in functional deficits in motor development
- Behavioral Patterns:
 - Excessive cautiousness, inhibition, fearfulness

412. RDSP Type B: Negative/Defiant

- Sensory Reactivity Patterns:
 - Over-reactivity to sensory stimuli
- Motor Patterns:
 - Same as Type A: Fearful/Cautious
- · Behavioral Patterns:
 - Tends to avoid or be slow to engage in new experiences and generally is aggressive only when provoked



Axis I: 420. RDSP Hyposensitive/Under-reactive

Child requires sensory input to be engaged, is quiet, watchful and withdrawn.

Sensory Reactivity Patterns:

Under-reactivity to:

sounds movement smell taste

touch proprioception

AND

lack of responsivity to sensation and/or social overtures

Axis I: 420. RDSP Hyposensitive/Underreactive, cont

Motor Patterns:

Limited exploration Restricted play repertoire
Lethargic Poor motor planning
Clumsy Repetitive sensory activities

Poorly developed body schema due to under-reactivity to tactile and proprioceptive input

Behavioral Patterns:

Lack of interest in exploring objects, playing games, or engaging in social interactions; apathetic appearance; fatigability; withdrawal from stimuli; inattentiveness



Axis I: 430. RSDP Sensory Stimulation-Seeking/Impulsive

Actively seeking high intensity, frequent input to satisfy sensory needs and to be engaged

• Sensory Reactivity Patterns:

Under-reactivity to:

touch sound

smell taste movement

proprioception

craving for high-intensity sensory stimuli, which may lead to destructive or high-risk behaviors

Axis I: 430. RSDP Sensory Stimulation-Seeking/Impulsive

- Motor Patterns:
 - High need for motor discharge
 - Diffuse impulsivity
 - Accident prone without clumsiness
- Behavioral Patterns:
- High activity levels
- Seeks constant contact with people/objects
- Seeks stimulation through deep pressure
- Recklessness; disorganized behavior as a consequence of sensory stimulation

Jared is a 3 year old boy who attends a community child care center. There are 15 children in his class. His teachers report that he has a difficult time sitting and paying attention in circle time (high need for motor discharge). When the teachers give the children free time, Jared often moves from center to center (disorganized behavior as a consequence of sensory stimulation) and usually avoids the art area and quiet areas (craving for high intensity sensory stimulus). The teachers describe him as a risk taker (craving for high intensity sensory stimulus), as he often climbs to the top of the playground equipment

teachers describe him as a risk taker (craving for high intensity sensory stimulus), as he often climbs to the top of the playground equipment and jumps to the ground or jumps off of a moving swing (recklessness, daring). He has difficulty taking turns, plays rough with others (aggressive, preoccupied with aggressive themes in pretend play), and frequently touches his peers. (seeking constant contact with people and objects).

At home, his parents describe him as having frequent temper tantrums, being rough with his baby brother (aggressive), unable to sit through a meal (high need for motor discharge, diffuse impulsivity) and accident prone or "reckless" (accident prone). Once he gets "worked up" or excited it is difficult for him to settle down may be excitable, disorganized behavior as a consequence of sensory stimulation).

Based on this description, what diagnosis might you consider?

AXIS I: 500. SLEEP BEHAVIOR DISORDER

Only use for problems after 12 months of age, once stable sleep patterns emerge

510. Sleep-Onset Disorder520. Night-Waking Disorder



Axis I: 600. Feeding Behavior Disorder

6 subcategories:

- 601 Feeding Disorder of State Regulation
- 602 Feeding Disorder of Caregiver-Infant Reciprocity
- 603 Infantile Anorexia
- 604 Sensory Food Aversions
- 605 Feeding Disorder Associated with Concurrent Medical Condition
- Feeding Disorder Associated with Insults to the Gastrointestinal Tract

Referred to as Pervasive Developmental Disorders

Axis I: 710. Multi-system Developmental Disorder (MSDD)

AXIS I: 700. DISORDERS OF

RELATING AND COMMUNICATING

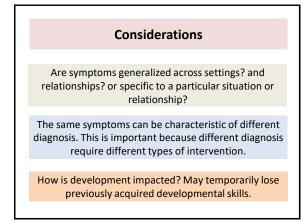
- MSDD does not require the range of difficulties observed in children with Autistic Disorder
- MSDD overlaps with DSM-IV TR categories of PDD-NOS and the recent concept of the broader autistic phenotype
- MSDD retained as a DC:0-3R classification only to be used for children under age two years
- If a child under age 2 clearly meets criteria for a DSM-V PDD diagnosis, the DSM-V criteria should be used

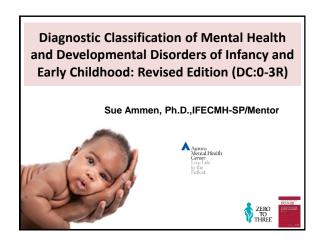
Axis I: 800. Other Disorders (DSM-IV TR or ICD 10)

Should be used for other mental health-related classifications not found in DC: 0-3R that are found in DSM-V.

Axis I: Clinical Disorders

- 100 Posttraumatic Stress Disorder
- 150 Deprivation / Maltreatment Disorder
- 200 Disorders of Affect
- 300 Adjustment Disorder
- 400 Regulation Disorders of Sensory Processing
- 500 Sleep Behavior Disorder
- 600 Feeding Behavior Disorder
- 700 Disorders of Relating & Communicating
- 800 Other Disorders (DSM or ICD)



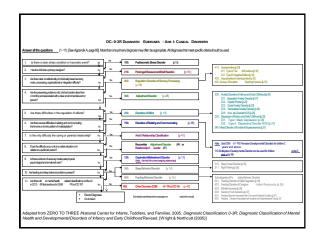


Diagnostic Decision Tree

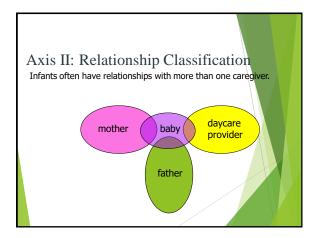
- See Appendix A, page 66
- Answer all the questions 1-11.
- More than one primary diagnosis may often be appropriate. All diagnoses that meet specific criteria should be used.

When the Bough Breaks - Kallen

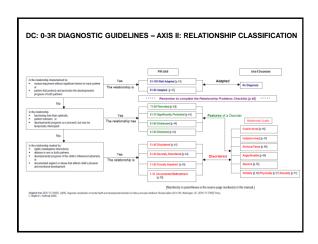
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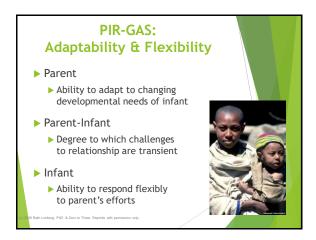


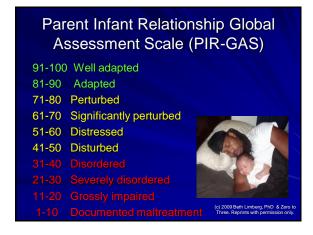


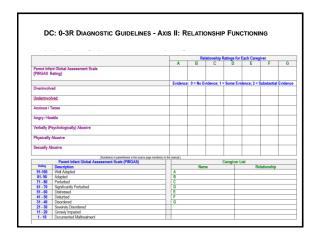


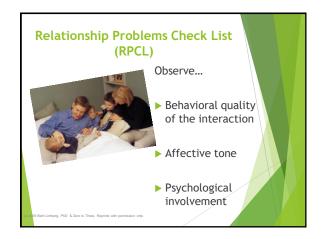


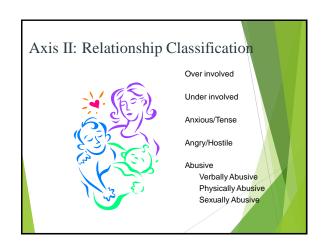




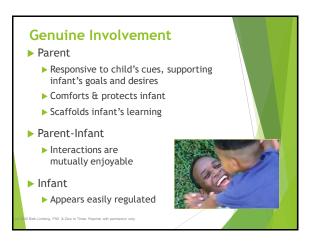














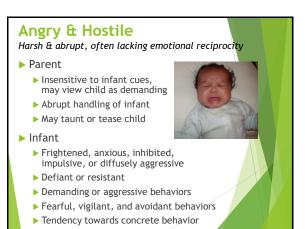




Mutual Engagement Relaxed, mutually enjoyable interaction Parent Regulates child's physical & emotional experience Parent-Infant Emotional reciprocity Able to repair misteps Infant Explores environment, referencing parent in new situations

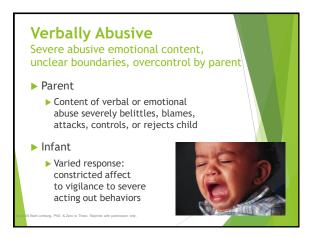
Seeks help from parent



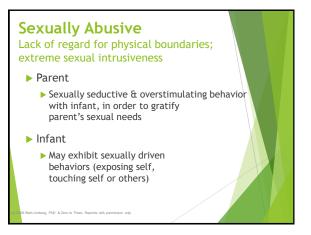


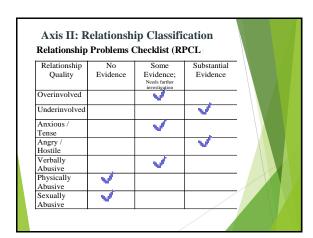


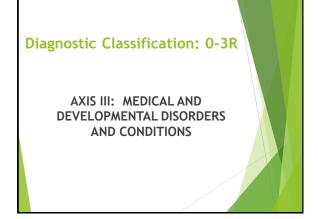


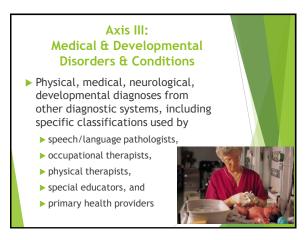














Medical & Developmental Disorders & Conditions

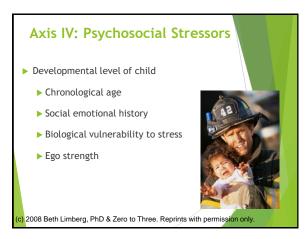
- Important to note because:
 - Symptoms of mood disorder may be due to endocrine disorders
 - Abrupt onset irritability, restlessness or motor coordination difficulties may be due to heavy metal toxicity
 - Abrupt onset obsessions or compulsions may be due to PANDAS (associated with strep)
 - Irritability, frustration, behavioral dysregulation may be due to hearing / speech / language problems

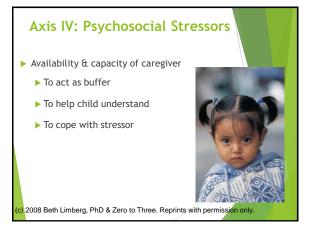
Axis IV: Psychosocial Stressors

- ▶ Identify / evaluate psychosocial & environmental stressors that influence symptoms and disorders in children
- Impact of a stressful event or enduring stress depends on:
 - ▶ Severity of stressor
 - ▶ Developmental level of child
 - ► Availability and capacity of caregivers

Axis IV: Psychosocial Stressors Severity of stressor Duration Suddenness of initial stress Frequency Unpredictability of recurrence

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Psychosocial and Environmenta (Complete information			
	Age of Onset (in months)	Comments, including duration and severit	
Challenges to child's primary support group			
Birth of a sibling Death of a parent Domestic violence			
Challenges in the social environment			
Inadequate social support for the family Single parenting			
Educational / Child care challenges			
More than 9 hours/day in out-of-home care Multiple changes in child care provider			
Housing Challenges Economic Challenges Occupational Challenges Health-care Access Challenges	Legal/0	Health of Child Legal/Criminal Justice Challenges Other Challenges and Stressors	

Diagnostic Classification: 0-3R AXIS V: EMOTIONAL AND SOCIAL FUNCTIONING

Axis V: Emotional and Social Functioning

- Reflects child's emotional and social functioning with important caregivers, in relation to expectable patterns of development
- Capacities for Emotional and Social Functioning Rating Scale:
 - ▶ Attention and regulation (birth 3 mos.)
 - ► Mutual engagement (3 6 mos.)
 - ▶ Intentional two-way communication (4 10 mos.)
 - ► Complex gestures & problem solving (10 18 mos.)
 - ► Symbols express thoughts & feelings (18 30 mos.)
 - ► Connecting symbols, abstract thinking (30 48 mos.)

Axis V: Emotional and Social Functioning

- Observe the play & interaction with each caregiver
- Rate each of the capacities:
 - 1. Functions at age level; full range of affect
 - 2. At age level, but is vulnerable to stress or has constricted range of affect
 - 3. Functions immaturely; has capacity but not at age level
 - 4. Functions inconsistently or intermittently unless special structure/support is provided
 - 5. Barely demonstrates capacity, even with support
 - 6. Has not achieved capacity

Observe the quality of the infant or young child's play witheach of the significant people in his or her life then choose the rating that b capacities listed below in interaction witheach caregives. Pirmary caregives may be biological, foster, and adoptive parentify, as we				DC: 0-3R Diagnostic Guidelines - Axis V: Emotional and Social Functioning								
		a child'e	function in	n with n	enant in a	arch of the						
caregivers outside the family.												
·												
Emotional and Social Functioning Capacities		Functioning Rating (56, nla) for Each Caregive					<u> </u>					
		В	·	U	E	_	6					
Attention and regulation [p 63] [hypically observable between birth to 3 months] From: Does the infant notice and attend to what is going on in the world through all the senses?				١ ١								
From: Does the intant notice and attend to what is going on in the world through all the senses? To: Does the infant stay sufficiently regulated to attend and interact, without over or under-reacting to external or internal				I / W								
Loes the intant stay sumblerity regulated to attend and interact, without over or under-reacting to external or internal stimuli?				1 1								
stmuli? Forming relationships/mutual engagement. (p.63) (hoicelly observable between 3 and 6 months)	_	-	-	+	-							
Forming relationships mutual engagement: (p.63) (hypically observable detween 3 and 6 morens) From: Does the infant develop a relationship with an emotionally available careover for soothing, security and pleasure?		l	l	1								
From: Does the intant develop a relationship with an emotionally available caregiver for scotning, security and pleasure? To: Its the child able to experience the full range of positive and negative emotions while remaining engaged in a relationship?				1								
				-		_	-					
Intentional two-way communication [p 63] Sypically observable between 4 to 10 months] From: Does the infant use simple cestures, including purposeful demonstrations of affect, to start reciprocal "conversations"?				1	\ _ /							
From: Does the intant use simple gestures, including purposerul demonstrations of affect, to start reoprocal conversations / To: Does the young child use a more complex sequence of destures?				1	1							
to: Does the young child use a more complex sequence or gestures? Complex destures and problem solving [p.63] [flypically observable between 10 and 18 months]	_			-	-	-	-					
Complex gestures and problem solving ip 63/1 [injuries] (hypically cosenede beween 10 and 16 months). From: Has the toddler learned how to use emerging motor skills and language to get what he needs or wants?				١ ١								
From: Has the todater learned now to use emerging motor skills and language to get what he needs or wants? To: Does the young child use words as well as destures for communication and problem solving?					MA.							
Use of symbols to express thoughts and feelings to 631 (typically observable between 18 and 30 months)	_	_	_	-		_	-					
From: Does the child begin to use play and language to express thoughts, ideas, and feelings through symbols?												
To: Does the child project her own feelings onto the characters and actions of her imaginative play?						N.						
Connecting symbols logically; abstract thinking[p 63] [typically observable between 30 and 48 months]	_			_			-					
From: Does the child connect and elaborate sequences of ideas logically and use logically interconnected ideas in conversation?					41	1						
To: Does the child understand abstract concepts, reflect on feelings, and articulate lessons that he has learned from an					11	11						
no. Does the child understand adstact concepts, renect on reenings, and anicolate lessons that he has learned from an					1							
Number is in parentheses in the sourceon number is in the manual.	_			-	-	- 7	_					
Functioning Rating for Each Capacity	Care	giver List										
Rating Description [p 62] Name			Relationship									
Age appropriate under all conditions and with full range of affects					1							
2 Age appropriate but valenable to stress or conditinder range of affect or both B I Intraductive Shi to equality but not at an age appropriate level C Fundors increasitely unless special structure or sensor innoter support is available D Bastle verdinose this cascolor. E				/								
3 Immature; has the capacity but not at an age appropriate level C 4 Functions inconsistently unless special structure or sensor motor support is available D		\rightarrow			_4							
4 Functions inconsistently unless special structure or sensorimotor support is available D 5 Reselv evidences this canacity F		_		_								
5 Earley evidences this capacity E Has not achieved this level			_	_			-					
			_	_			_					
n/a Not applicable. Child is below the age level holically expected to have achieved. G												



DC: 0-3R and DC:0-3 Casebook as well as other related publications may be ordered www.zerotothree.org (Bookstore)

ZERO TO THREE Information