

**DDMI Wing© at College Hospital**  
**October 2005 – March 2007 (4094 Patient Days – 52 Patients)**  
**Evidence-Based Outcomes of DDMI Wing© Treatment**

The DDMI Wing© offers a dedicated psychiatric hospital wing following a very uniquely designed treatment program, in a uniquely modified psychiatric hospital environment, with DDMI experienced staff exclusively for the treatment of patients with developmental disabilities and mental illness / behavior problems.

The DDMI Wing© staff include: A team of Five Psychiatrists, Registered Nurses, M.D., A Dentist for screenings related to problem behavior, full time Behaviorist, Social Worker and experienced mental health worker staff.

The DDMI Wing© Treatment environment is specially designed and programmed for the patient with a developmental disability and mental illness. Staff have frequent communication with regional center service coordinators, who set treatment goals with utilization of information from admission referral packets which include: individual program plans, previous medication history, psychological, psychosocial, medical and psychiatric hospitalization history. DDMI Wing© staff create individualized behavior plans and utilize the Picture Exchange Communication System, PECS and Activity Scheduling Boards for each patient to help structure, communicate and facilitate long-term behavioral changes. Medication history, along with daily consultations by the patient's Psychiatrist help expedite medication and behavioral changes that are unique to the population with a dual diagnosis of developmental disability and mental illness.

**Outcome Measures:** The SIB-R, Scales of Independent Behavior Revised is completed at admission and discharge. Observable behaviors in the three categories: 1) internal maladaptive behavior 2) asocial maladaptive behavior and 3) externalized maladaptive behavior are obtained on Eight behavioral measures using operational definitions of the problem behavior, identifying precise frequency, severity and previous consequences for the behavior. Measurements are input into the SIB-R software, which uses formulas to obtain value index scores of behaviors as: Very Serious, Serious, Moderately Serious, Marginally Serious, Normal based on the type of behavior (s), frequency of behaviors and severity of behaviors.

**DDMI Wing© @ College Hospital (800) 352-3301 24hr/7 day week Admissions - [www.DDMIWing.com](http://www.DDMIWing.com)**

**Description of individual behaviors measured by the Scales of Independent Behavior Rev**

**INTERNALIZED MALADAPTIVE BEHAVIOR INDEX, IMI**

**DEFINITION: HURTFUL TO SELF**

Hitting self, banging head, scratching, cutting or puncturing, biting, rubbing skin, pulling out hair, picking on skin, biting nails or pinching self.

**DEFINITION: UNUSUAL OR REPETITIVE HABITS**

Unusual behaviors that he/she may do over and over - for example, pacing, rocking, twirling fingers, sucking hands or objects, twitching (nervous tics), talking to self, grinding teeth, eating dirt or other objects, eating too little, staring at an object or into space, or making odd faces or noises.

**DEFINITION: WITHDRAWAL OR INATTENTIVE BEHAVIORS**

Difficulty being around others or paying attention - for example, keeping away from other people, expressing unusual fears, showing little interest in activities, appearing sad or worried, showing little concentration on a task, sleeping too much or talking negatively about self.

**ASOCIAL MALADAPTIVE BEHAVIOR INDEX, AMI**

**DEFINITION: SOCIALLY OFFENSIVE BEHAVIOR**

Behavior offensive to others: talking too loudly, swearing or using vulgar language, lying, standing too close or touching others too much, threatening, talking nonsense, spitting at others, picking nose, belching, expelling gas, touching genitals, or urinating in inappropriate places.

**DEFINITION: UNCOOPERATIVE BEHAVIOR**

Any behavior that is uncooperative: refusing to obey, do chores, or follow rules, acting defiantly or pouting, refusing to attend school or go to work, arriving late at school or work, refusing to take turns or share, cheating, stealing or breaking laws.

**EXTERNALIZED MALADAPTIVE BEHAVIOR INDEX, EMI**

**DEFINITION: HURTFUL TO OTHERS**

Causing physical pain to other people or to animals: hitting, kicking, biting, pinching, scratching, pulling hair or striking with an object

**DEFINITION: DESTRUCTIVE TO PROPERTY**

Deliberately break, deface or destroy things: hitting, tearing or cutting, throwing, burning or marking or scratching things.

**DEFINITION: DISRUPTIVE BEHAVIOR**

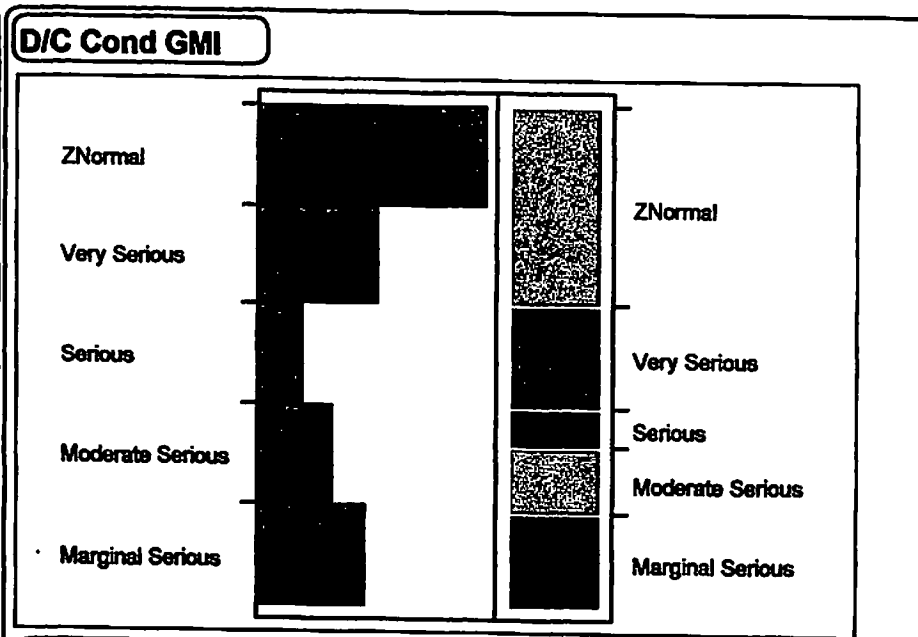
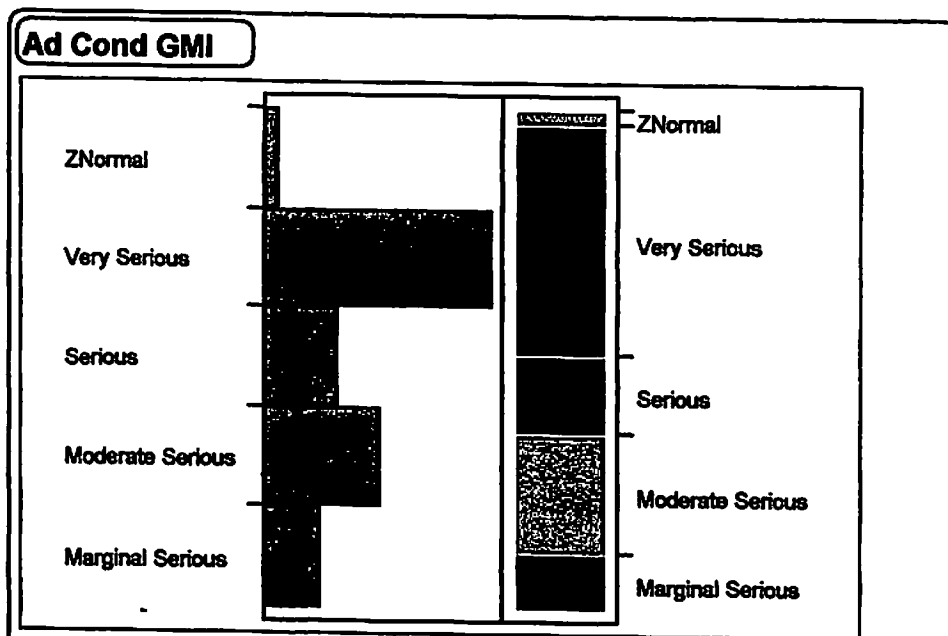
Interfering with the activities of others by cling, pestering or teasing, arguing or complaining, picking fights, laughing or crying without reason, interrupting or yelling or screaming.

Statistics based on Pre-Treatment and Post-Treatment using the Scales of Independent Behavior Revised, SIB-R  
 General Maladaptive Behavior Index, GMI

AVERAGE OF ALL MALADAPTIVE BEHAVIORS MEASURED USING THE SIB-R

ADMISSION - General Maladaptive Behavior Index

DISCHARGE – General Maladaptive Behavior Index



**Frequencies**

Level	Count	Probability	StdErr Prob	Cum Prob
Marginal Serious	473	0.11553	0.00500	0.11553
Moderate Serious	972	0.23742	0.00665	0.35296
Serious	629	0.15364	0.00564	0.50660
Very Serious	1896	0.46312	0.00779	0.96971
ZNormal	124	0.03029	0.00268	1.00000
Total	4094			

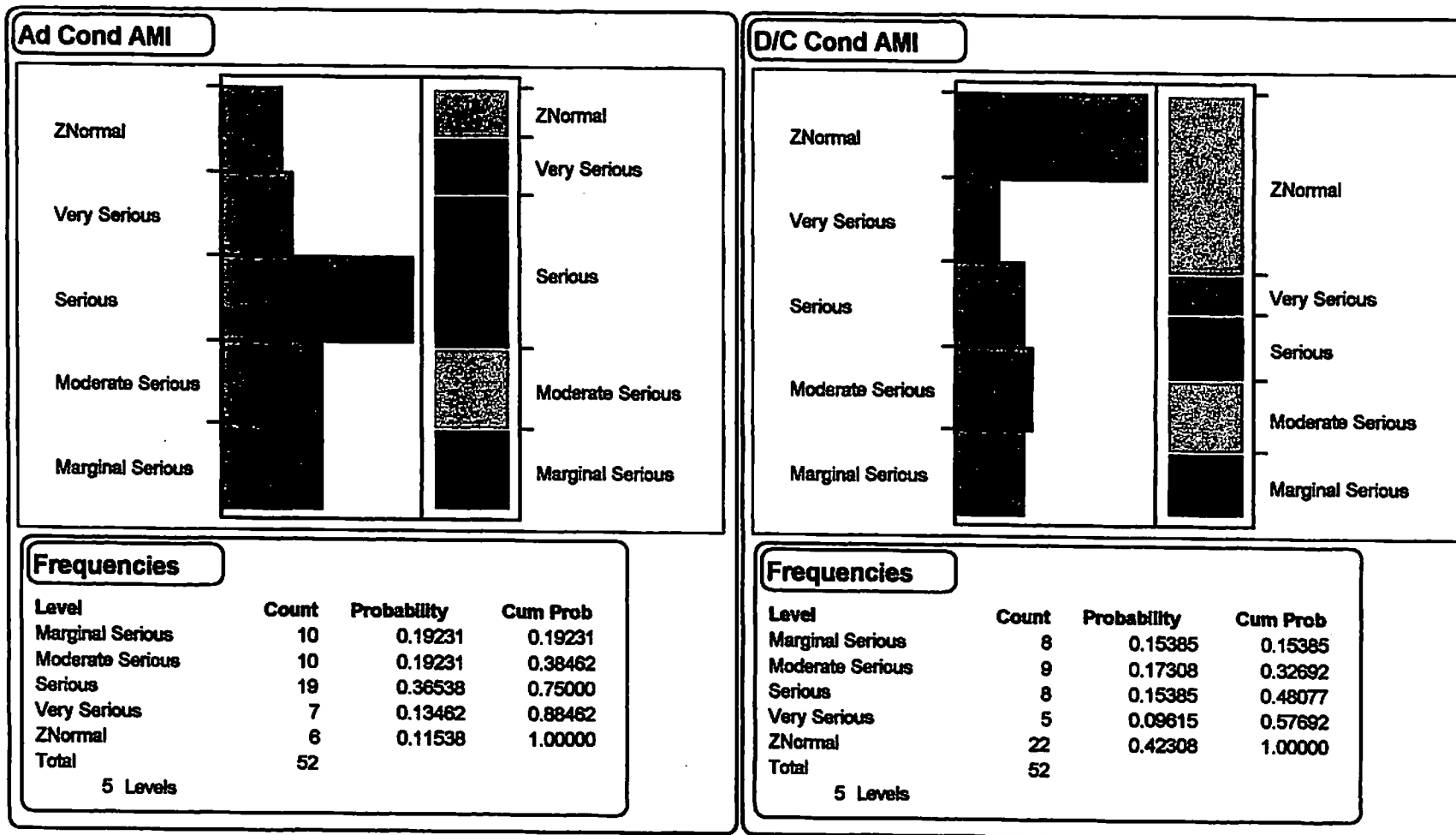
5 Levels

**Frequencies**

Level	Count	Probability	StdErr Prob	Cum Prob
Marginal Serious	770	0.18808	0.00611	0.18808
Moderate Serious	537	0.13117	0.00528	0.31925
Serious	307	0.07499	0.00412	0.39424
Very Serious	861	0.21031	0.00637	0.60454
ZNormal	1619	0.39546	0.00764	1.00000
Total	4094			

5 Levels

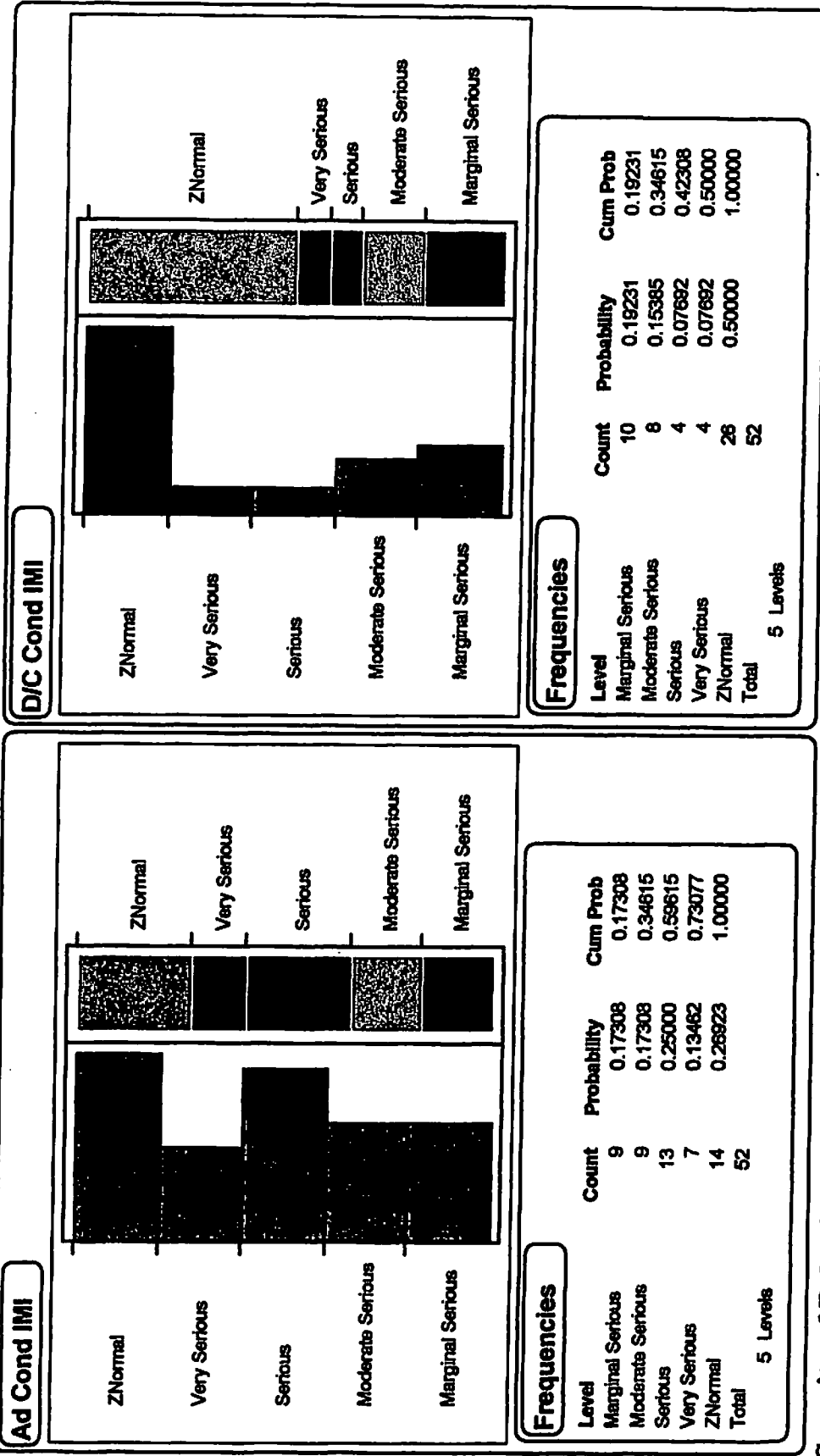
**ASOCIAL MALADAPTIVE BEHAVIOR INDEX, AMI**  
**Socially Offensive Behavior, Uncooperative Behavior**



**Severity of Behavior: Very Serious, Serious, Moderately Serious, Marginally Serious, Normal (Znormal)**  
**FREQUENCY: Less than 1x / month, 1x to 3x / month, 1x to 6x a/week, 1x to 10x/day, 1x or more times/hour**

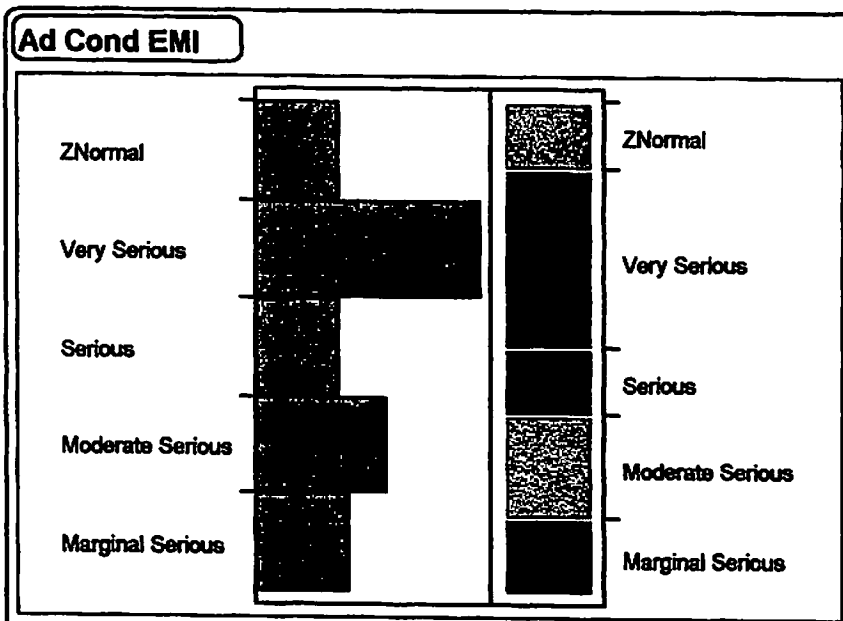
## INTERNALIZED MALADAPTIVE BEHAVIOR INDEX, IMI Hurtful to Self, Unusual or Repetitive Habits, Withdrawal or Inattentive Behavior

**SIB-R SCALE VALUES- Based on observation of: FREQUENCY & SEVERITY OF BEHAVIOR FREQUENCY:**  
 Less than 1x / month, 1x to 3x / month, 1x to 6x a/week, 1x to 10x/day, 1x or more times/hour



**Severity of Behavior: Very Serious, Serious, Moderately Serious, Marginally Serious, Normal (Znormal)**

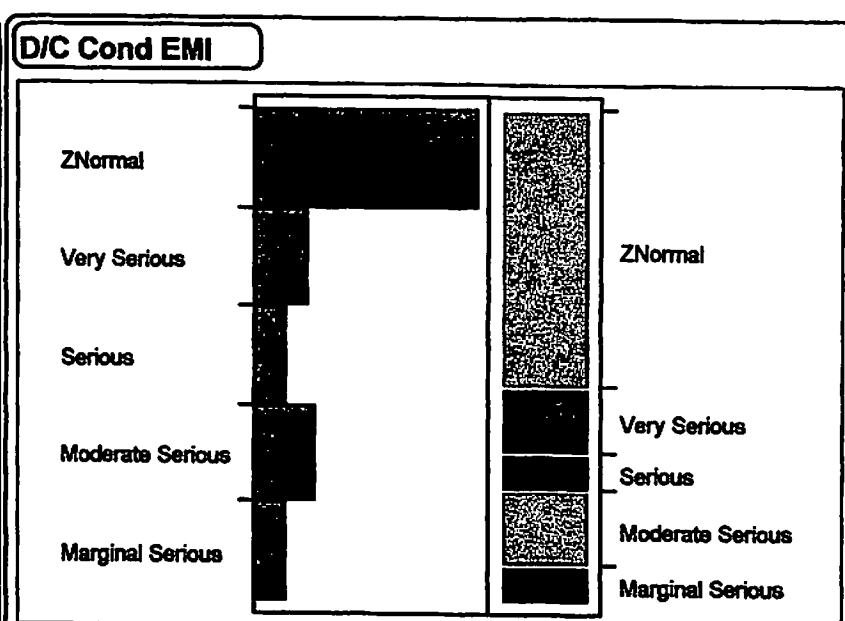
**EXTERNALIZED MALADAPTIVE INDEX, EMI**  
**Hurtful to Others, Destructive to Property, Disruptive Behavior**



**Frequencies**

Level	Count	Probability	Cum Prob
Marginal Serious	8	0.15385	0.15385
Moderate Serious	11	0.21154	0.36538
Serious	7	0.13462	0.50000
Very Serious	19	0.36538	0.86538
ZNormal	7	0.13462	1.00000
Total	52		

5 Levels



**Frequencies**

Level	Count	Probability	Cum Prob
Marginal Serious	4	0.07692	0.07692
Moderate Serious	8	0.15385	0.23077
Serious	4	0.07692	0.30769
Very Serious	7	0.13462	0.44231
ZNormal	29	0.55769	1.00000
Total	52		

5 Levels

**SIB-R SCALE VALUES-** Based on observation of: **FREQUENCY & SEVERITY OF BEHAVIOR**  
**FREQUENCY:** Less than 1x / month, 1x to 3x / month, 1x to 6x a/week, 1x to 10x/day, 1x or more times/hour