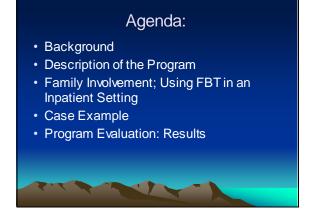




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The Inpatient Program

- 6 beds on a specialized psych unit for EDs
- Pts are admitted under the care of an AH physician
- Inpatient dietician manages the nutritional needs
- Individual and family therapy administered by psychologist/psychiatrist

The Inpatient Program cont'd

- School, group therapy and group meals all day; also yoga, pet therapy, art therapy, etc
- Skilled, trained nurse-therapists and CYWs are key to creating the therapeutic milieu on the ward
- Consistency of message: by physician, therapist, frontline, parents, in groups





The Challenge:

 Traditional Maudsley therapy: Following medical stabilization, the patient is discharged and parents are empowered to renourish their child to a healthy weight. How do we renourish and treat youth in a group-based inpatient treatment program without 'disempowering' their parents?

Some Principles of Inpatient Management

 The therapeutic environment should be compassionate, caring, structured and consistent, but not overly behavioral; able to be flexible and to accommodate individualized care plans

Some Principles of Inpatient Management cont'd

 Families are an integral part of treatment; families will have a strong presence on the ward and in the weekly schedule and every patient will receive FBT from a team psychiatrist or psychologist who oversees the treatment of that patient

How We Include Parents:

- Parents at bedside first 48 hours, and until patient is fully in the groups
- Parent meal-support video and books and parent psychoed/support group
- Family meals: 11 meals per week in hospital
- "Family time" evenings and weekends

How We Include Parents cont'd

- Parent and child nutritional psychoed, menu planning
- Lots of passes, leading up to full weekend passes
- Family therapist does pass planning and discharge planning with parents
- The MDs order "passes at parents' request"

Empowering Parents:

 Frontline staff have been trained to support parents, to always give the message: "you are good parents and we trust you to make the best decisions for your child"

Case Example

- "Amy"
- 13 y.o. girl in grade 7
- Lives in a Northern Ontario town with two working parents and 7 year old brother

Case Example cont'd:

- Top gymnast in the region
- Lots of attention and pressure when she performed
- Decided to get "more fit": started "eating healthy" and training in Fall of Grade 7: ran 10 km/day, did 500 sit-ups and push ups; periods stopped, which pleased her

Case Example cont'd:

- Late June of Grade 7: Provincial meet, lots of attention on her, expected to win: she "fell apart" and performed poorly; she was "devastated"
- Started restricting significantly after that; intake quickly progressed to almost nothing
- Continued to increase her exercise

Case Example cont'd:

- Admitted to her local hospital in August: virtually no food or fluids for 4-5 days PTA
- BMI 16.4; 4% body fat
- · High urea; neutropenia;
- HR 36; BP 80/42; Pulse difference 53

Case Example cont'd:

- At local hospital: Refused oral boost; resisted n/g tube; exercised constantly in her room
- Was certified; declared Incompetent; started low-dose olanzapine; behavioral protocol
- No progress after 3 weeks: transferred to CHEO in September

Case Example cont'd:

- At CHEO: parents asked to stay with Amy 24/7 initially; n/g tube removed; olanzapine increased to 7.5 mg/day on 2nd day after patient ran away
- Met with Amy and parents; lifted guilt and blame; externalized and blamed the illness; empathized with patient and parents, praised them; compared AN to OCD

Case Example cont'd:

- Empowered parents: they know their daughter best, they are the best ones to feed her, we will team with them
- Father left to return home; mother slept at Ronald MacDonald House, but stayed at Amy's bedside and supported all "meals" (Boost initially)
- No individual therapy; 2 sessions per week with mother and daughter

Case Example cont'd:

- Amy "hated" hospital food: mother empowered to 'entice' daughter with homemade meals at RMH; after that, ate every supper at RMH (ie 7 days per week)
- Early in admission: slept overnight in mother's bed at RMH; both preferred this, so did it every weekend; mother supported all w/e meals

Case Example cont'd:

- Gaining approx. 1.5 kg/week
- · Vitals frequently unstable
- Once on food, patient joined group therapy and group meals for breakfast, lunch and snacks on weekdays
- Oct: Amy begging to go home for Thanksgiving, decision in mom's hands; despite pulse diff of 40s, they flew home for the long weekend

Case Example cont'd:

 Saturday a.m.: mother called the ward to say Amy won't eat, we're returning to CHEO. I empowered her to stay and feed her daughter, any way possible; even one bite would be success (but left final decision up to parents)

Case Example cont'd:

Mother's description of the 3-day pass:

- Amy very triggered by being home; refused to eat, w anted ED back; conflict and tears, refused supper
- Mother took her to grandparents for the rest of the w eekend: gave her "Boost milkshakes w ith berries" w hich she "loved"; had friends over, visited the school, w ent for drives w ith father, lots of talks, hugs, visits, love, distractions

Case Example cont'd:

- Returned from pass; parents reported she completed "90%" of meal plan; gained 800 gm that weekend, gained 1.4 kg that week
- Emotional "turnaround": patient more motivated to recover and return home, parents feeling more empowered against the illness

Case Example cont'd:

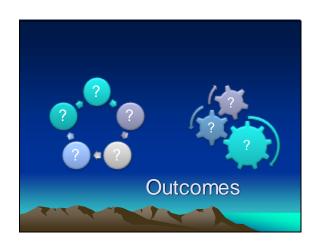
 Two weeks later: father came to visit and patient begged him to take her home; Amy 47 kg, IBW = 50-52 kg; decision re. d/c left entirely in parents' hands: they chose to leave

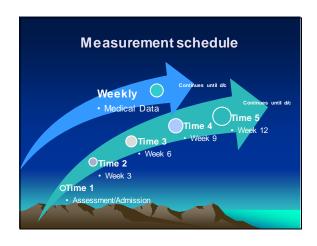
Case Example cont'd:

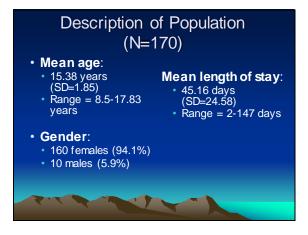
- Drove home: patient refused all food and drink throughout the trip, and once home; insisted she would rather die than recover, and if they want her to eat, they'll have to take her back to CHEO
- Lost 4 kg over the next tw o w eeks; frequent phone calls to me re. w hat to do, w hether to return, w hether to take small steps, be more forceful, etc; my job w as to continue to encourage, empower, express my belief in them, praise, and leave all decisions in their hands

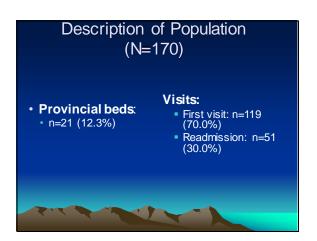
Case Example cont'd: • Mother described Amy as "stuck", unable to eat, and very depressed • One week later: Amy eating 3 meals but no snacks; not attending school; mother not returning to work, whole family pitching in; mother chose to keep trying at home....

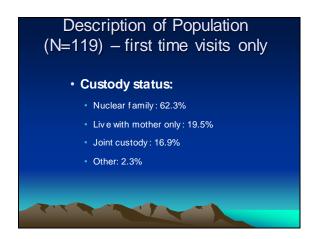
Follow-Up: • Amy recovered her weight, but relapsed again the next year after a one week trip to Europe with her team; returned to CHEO and repeated the process • D/c'd to outpatient FBT • Now fully recovered, in high school, doing gymnastics 4x/week; eating variety and desserts, no longer following a meal plan, maintaining a healthy weight



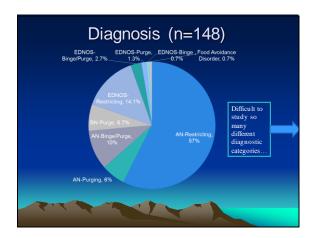


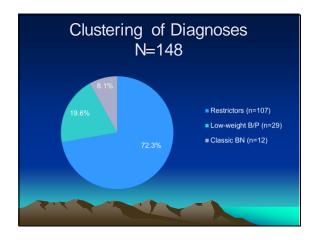


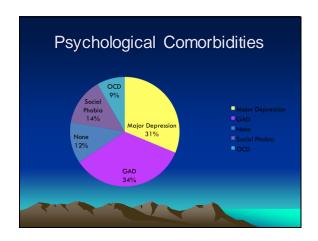


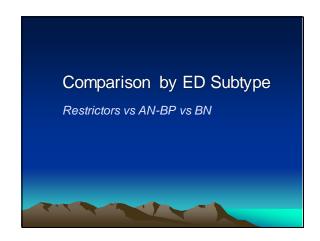




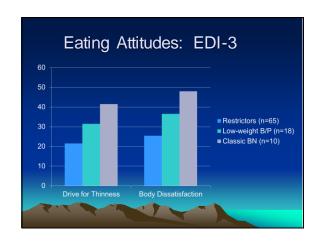


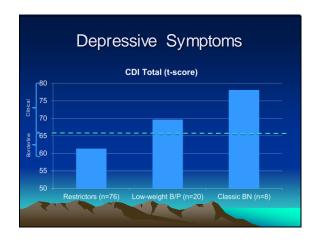


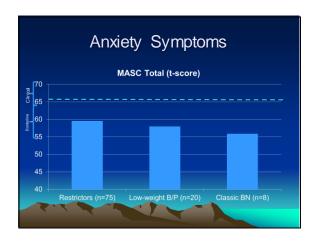




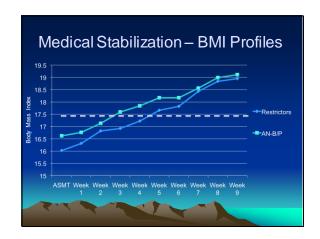








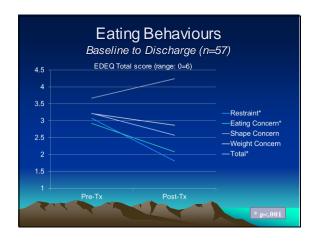


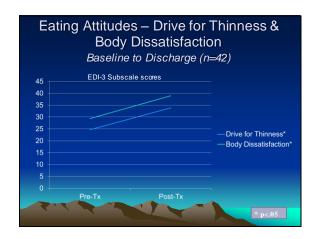


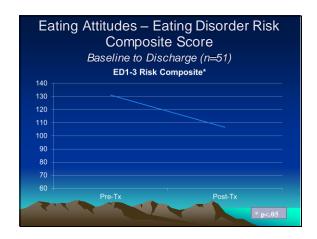


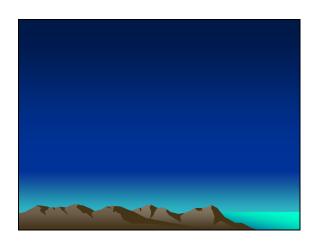




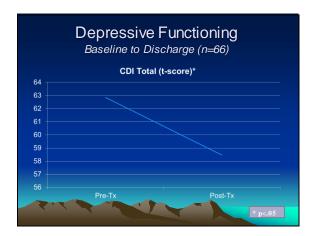


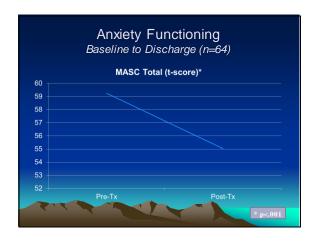




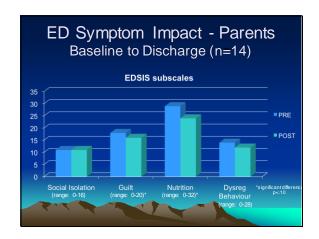


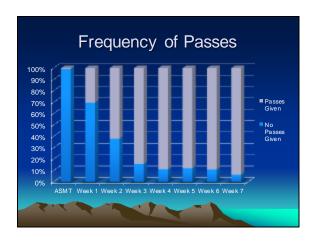














Summary of Findings

- Mean age 15 years
- 94% female
- 70% 1st admission
- 70% A.N.-R + EDNOS-R; 19% AN-B/P; 11% BN
- Mean LOS 40 days
- Co-morbid Depression and Anxiety

Summary of Findings: Admission vs Discharge

- AN cohorts only:
 - Significant increase in BMI & nutritional intake
 - Reduction in ED behaviours
 - Decreases in anxiety & depression

Summary of Findings: Admission vs Discharge

- No change in Body Dissatisfaction or Drive for Thinness
- Decreases in parental guilt and nutrition concerns
- Lots of passes, but unable to show that parents feel empowered; they do express high levels of satisfaction with the program

Future Directions

- Centralized data
- · Better parent scales
- Can we do more to empower parents?
- Long term outcomes
- Treatment for BN vs AN

Conclusions cont'd: • Preliminary results suggest that one can build an effective inpatient program built on "outpatient" FBT principles; partnering with parents and empowering them doesn't need to wait until after discharge

