



SPECTRUM HEALTH
The Medical Group



CENTER FOR INTEGRATIVE MEDICINE

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Spectrum Health**

TERMS

- **Super Utilizer (SU)**- person with greater than 10 visits to SH system ED's in one year
- **System SuperUtilizer (SSU)**- person with greater than 10 visits to any ED in one year
- **Primary Psych**- patient who's use of the ED revolves around their psychiatric diagnosis
- **Primary Medical**- patient who's use of the ED revolves around their medical issues
- **Primary SUD**- patient who's use of the ED revolves around their substance use issues
- **Direct Cost**- money actually paid for the patient



THE NUMBERS

- SU's
 - 950 individuals per year
 - 20,000 visits per year
 - \$50,000,000 in direct cost per year (includes MH/SUD treatment)
- SSU's
 - 2000 individuals per year (Kent County, 635K pop.)
 - 35,000 visits per year
 - \$87,500,000 in direct cost per year (includes MH/SUD treatment)
- State wide extrapolation based on population
 - 29,000 individuals per year
 - 600,000 ED visits per year (total state ED visits 4,493,665, 455/1000 pts)
 - \$1,500,000,000 in direct cost per year (includes MH/SUD treatment)



THE BREAK DOWN

- 10-19 visits per year (62%)
 - Mostly medical
 - 70% are transient HFUs (1 year only)
- 20-29 visits per year (28%)
 - Mostly combination of medical, SUD and Psych
 - However, trends toward SUD
 - 85% are consistent HFUs (more than 1 out of every 4 years)
- 30 or greater visits per year (10%)
 - Mostly psychiatric
 - 95% are consistent HFUs (more than 1 out of every 4 years)



CLINIC CONCEPT

- Center for Integrative Medicine
 - Comprehensive bio-psycho-social evaluation
 - Risk reduction model of care
 - No firing of patients, no contracts
 - Care guides, Michigan Automated Prescription System (MAPS) check other systems
 - Take over care from PCP and specialists for time in the clinic. Write all prescriptions and order all tests.
- Outcomes from random patients (1st 100 pts)
 - 73% showed for first visit
 - 89% kept follow-up appointments
 - Greater than 65% reduction in visits
 - Works great for the primary medical, but not as well for the SUD and Psych until care plans are added



PATIENT POPULATION

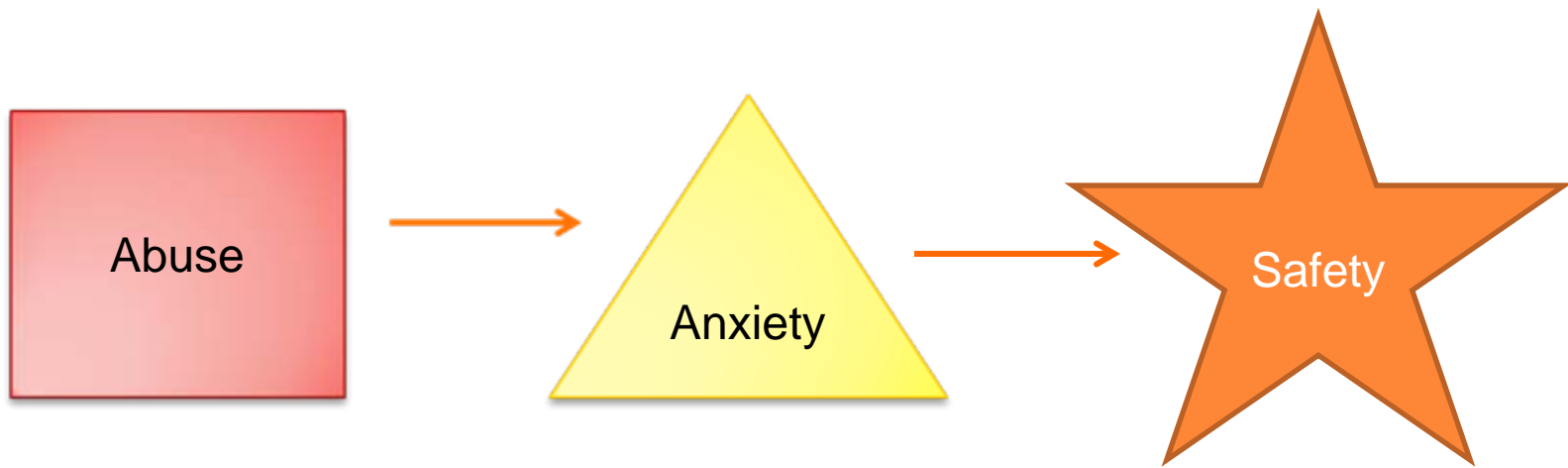
- 80 % of females with history of sexual trauma
- 70 % with known substance abuse in the house while they were a child
- 68 % of males with “admitted” physical abuse
- 75 % of females have been in an abusive relationship
- 70 % still are
- 99.4 % have tried an illicit substance
- 80 % complain of a chronic pain syndrome
- Only 20 % have an identifiable source



PSYCH DIAGNOSIS

- Trauma
- DSM-IV
 - Axis II cluster B
 - Narcissistic
 - Borderline
 - Histrionic
 - Antisocial
 - Bipolar I and II
 - Misdiagnosed in 64 % of patients
 - Usually secondary to SUD
 - PTSD
 - Obvious from high level of trauma





- Easier to go from abuse to anxiety stage
- Very difficult to progress to safety
- Extensive CBT, DBT and MET
- Extensive Social Services (housing, transportation, communication)
- Cat
- Belly



COMMUNITY CONNECTIONS

