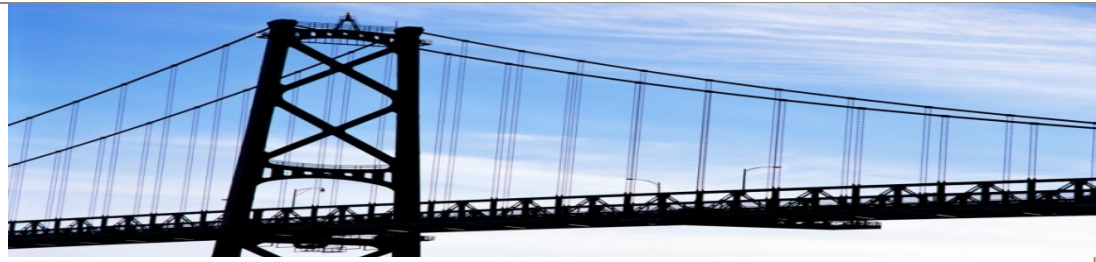


Knowledge
Network



Spring Summit 2011



41st National Council Mental Health and Addictions
Conference

~May 2-4, 2011~

Manchester Grand Hyatt

San Diego, CA

May 1, 2011

Implementation Workgroup Update: Clozapine Project

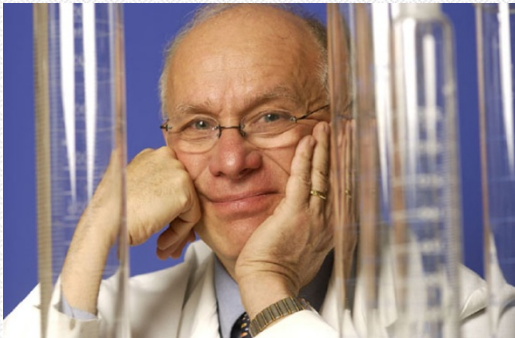


- **Centerstone TN** (Karen Rhea, Brad Nunn)
- **MHCD** (Shawna McGuckin)
- **River Edge** (Kathleen Varda)
- **Center for Health Care Services** (Linda Lopez)
- **UT San Antonio** (Camis Milam)
- **MHCA** (Don Hevey); **SAMHSA** (Kevin Hennessy)
- **Centerstone IN** (Shirley Arney, Jerry Neff)
- **CRI** (April Bragg, Susan Markley, Charles Brown)
- **National Council** (Jeff Capobianco)

Implementation Workgroup Update: Clozapine Project



If clozapine is the most effective medication for suicidality in schizophrenia...

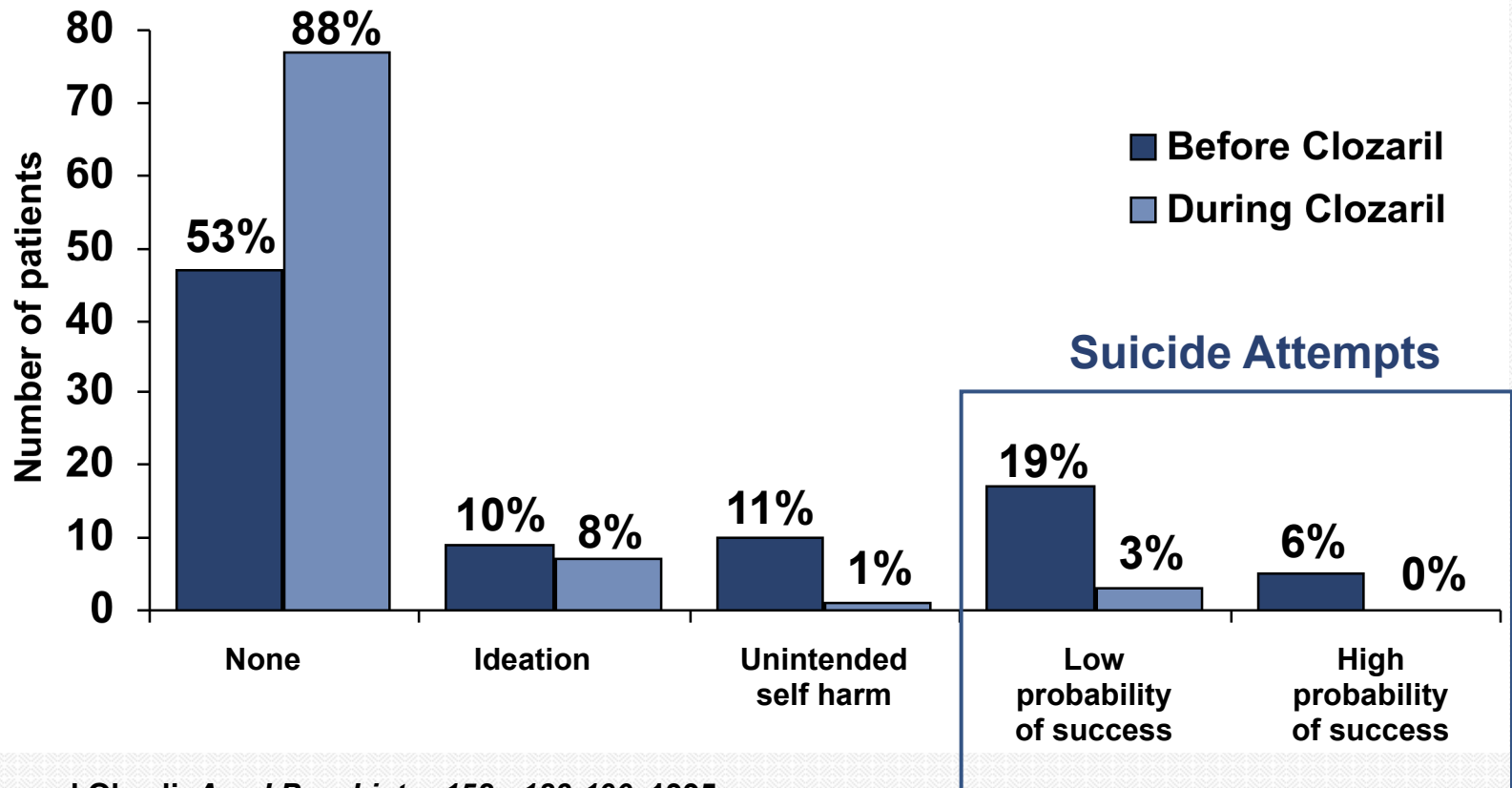


.....why isn't it being prescribed?

Herbert Meltzer, MD

Bixler/May/Johnson Professor of Psychiatry, Vanderbilt University

Treatment with Clozapine Decreases Suicidality



§Meltzer and Okayli. *Am J Psychiatry* 152: 183-190, 1995.

Implementation Adoption Survey Process



- Develop a rapid cycle implementation model
- Increase clozapine prescription for suicidality
- Organizational Surveys completed as to readiness to adopt new organizational behaviors and practices
- Each center received individual consultation regarding results
- Action plans developed to address technical and clinical areas of concern

Mental Health Center of Denver



- **Goal #1: Implement an automatic alert for consumer possible re-hospitalization and harm reduction in the EMR.**
 - Deliverable: Combine MHCD's *Harm Reduction Work Group* with MHCD's *Hospitalization Prevention Work Group* to develop and streamline assessment tools and identifying risks that will trigger an automatic alert.
- **Goal #2: Education of providers**
 - Deliverable: Continuing education for MHCD's medical staff.

MHCD progress as of May 1 2011



- Work groups have been combined.
- The group is meeting monthly and identifying the factors needed.
- Membership has increased and there is now more clinical representation.
- Once the alert is operational, MHCD will be able to track how many clients the system produced “alerts” on with dx of psychosis.
- Outcome reports will be produced to evaluate if Clozapine was prescribed.

MHCD-other KN efforts



- Legislative Advocacy
- Data Sharing with KN Data Warehouse
 - MHCD's new Director of Research and Development, Dr. Wes Williams, is now consulting with Centerstone Research Institute to establish an automatic data sharing process.

Center for Health Care Services



- **Goal #1: Implement an automatic alert for consumer identification and tracking of consumer self reports of Suicidal Ideation/ Attempts**

Center for Health Care Services (cont.)



- Deliverable: Utilize CHCS' s Suicide Task Force Work Group to develop and streamline assessment tools and identifying risks that will trigger an automatic alert.
- Due Date: The assessments and identifying risk factors need to be defined and approved by committee. The actual programming in the EMR will then be done. During late 2010 and January 2011 the work group will define such factors. During the Spring of 2011, CHCS programmers can begin to build the alert into the EMR.

Center for Health Care Services (cont.)



- **Goal #2: Implement a utilization reporting system to track and analyze use of SI reporting tracking system in the EMR.**
 - Deliverable: Create comprehensive report to evaluate the usage of and consumer reporting of suicidal thoughts and behaviors to measure outcomes.
 - Due Date: Data reporting fields will be created with the IT department. Programming will be done in conjunction with database creation during the Spring of 2011.

Center for Health Care Services (cont.)



- **Goal #3: Continual education and support for prescribers.**

Centerstone of Indiana



- **Goal 1: Clozapine project provider education to medical staff**
 - Deliverable: Arrange a medical staff training/discussion
 - Due Date: Schedule training during the first quarter of calendar 2011
 - Current status: Working to find a date that is best for Centerstone, Dr. Meltzer, and Dr. Bobo. Also CRI is looking into the possibility of providing CMEs and broadcasting the training as a webinar for other KN partners.

Centerstone Indiana



- **Goal 2: Develop reports to establish a baseline for Clozapine use**
 - Deliverable: Collaborate with Analytics team to develop utilization reports
 - Due Date: July 2011
 - Genoa online tool
 - Infoscriber

Centerstone Tennessee/Indiana



- **Goal 1:** Pull data by clinic on Clozapine prescription with schizophrenia diagnoses. Completed August 2010.
- **Goal 2:** Implement DSM-V suicidality criteria in the EHR intake revision. Due Date July 2011
- **Goal 3:** Implement an automatic alert in the EHR for patients regarding hospitalization and harm reduction. This includes implementation of hospitalization tracking. Due Date July 2011

Centerstone Tennessee



- **Goal 1:** Develop white paper for TEVA and use TEVA resources for education. Completed Dec 2010.
- **Goal 2:** Use a clinical champion vetted by Dr Meltzer to train medical staff face-to-face and follow up with web-based trainings and continuing education.
- **Goal 3:** Double current rate of clozapine prescription at agency for schizophrenia. Due end of calendar year 2011.

Centerstone Tennessee



- **Update as of May 2011:**

- List of recent hospitalization discharges and high utilizers was cross-referenced with diagnosis and suicidality info from EHR
- Roughly one quarter of the top 20 clients that matched on cross-reference are currently on Clozapine .
- Another quarter of the clients are not candidates.
- The remaining clients were either classified as candidates or their case needs more review to determine indication for Clozapine.

River Edge Behavioral Health



- **Goal 1:** River Edge Behavioral Health Center's CIO will participate in the Knowledge Network's Technology workgroup to determine standards for reporting and collecting data.
 - Deliverable: CIO will begin to actively participate in the technology group monthly or more frequently as needed.
 - Due Date: September 2010
- **Status as of May 1 2011:** Achieved and ongoing.

River Edge Behavioral Health



- **Update as of May 2011:**

- Both the CIO and Carelogic Systems Administrator have been working with the Knowledge Network staff who have been developing the KN Data Warehouse.
- As of Friday, April 1, 2011, River Edge had their first successful transmission of data to the KN Data Warehouse.
- The data for the warehouse can be pulled easily from our Electronic Record; however, the data scripting is time consuming for staff.
- Support for data extraction is being explored with the EHR vendor.

River Edge Behavioral Health (REBHC)



- **Goal 2:** REBHC's CIO will work with CareLogic System Administrator to integrate real time clinical decision support tool into the electronic system.
Deliverable: Tool Integrated and Ready for Use
Status: In process, due by July 2011
- **Goal 3:** REBHC's Policy & Development Department will develop and implement an aggressive education campaign on the benefits and risks of clozapine based on Dr. Meltzer's work.

River Edge Behavioral Health (REBHC)



- **Update as of May 1 2011:**

- A lunch and learn was held and we are securing additional materials and research on clozapine to distribute to all of our prescribers
- All of prescribers will participate in the proposed webinar.
- We are including the new Pharmacist in the workgroup calls so that he can be informed of the work of the KN
- The Pharmacist can pull baseline reports on clozapine prescriptions.

River Edge Behavioral Health (REBHC)



Clinical Modifications

- **Goal 4:** REBHC's P&D Dept will work with CareLogic System Administrator to create a monthly report to monitor the level of clozapine prescriptions, by site.

Deliverable: Real Time Report/Due Date: March 2011, On-going