INTEGRATED CARE

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The Institute for Family Health New York City

- Treat mental health disorders where the patient feels most comfortable receiving care
- Better coordination of care
- Mind and body connection
- More likely to keep appointments where multiple issues are being addressed
- The majority of mental health treatment will occur in community health settings- with focus on preventive care and integration.

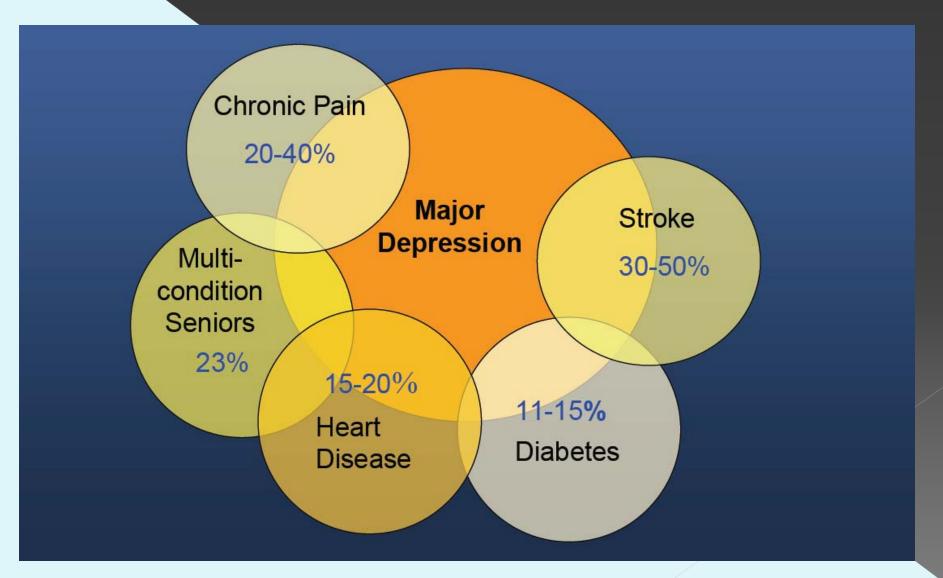
Unrecognized and untreated

- Mental health diagnosis often go unrecognized in primary care
- Primary care providers often under treat mental health diagnosis
- Screening alone does not improve outcomes for primary care nor is it considered integrated care

Less Stigma

- Comfortability in discussing mental health issues
- Established relationship with primary care provider
- "I am not crazy"
- Less stigma walking into primary care setting then mental health setting

Comorbidity



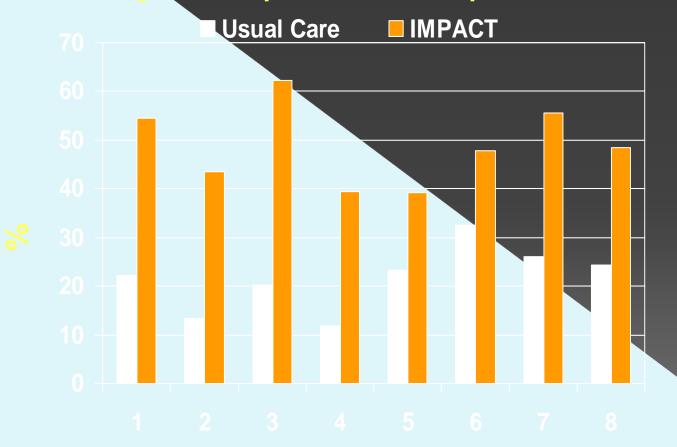
Usual Care vs. Integrated Care

- Usual Care
 - Rarely treated effectively
 - Only 1 in 5 receive treatment
 - Rarely treated by MH professionals
 - Fewer than 10 report see a MH worker
 - Increasing use of antidepressants in PC but treatment often not effective

- Integrated Care
 - Most effective approach to treat mental health in PC settings
 - Comprehensive
 - Multidisciplinaryapproach
 - Fully integrated with information available to all practitioners
 - Cost-effective

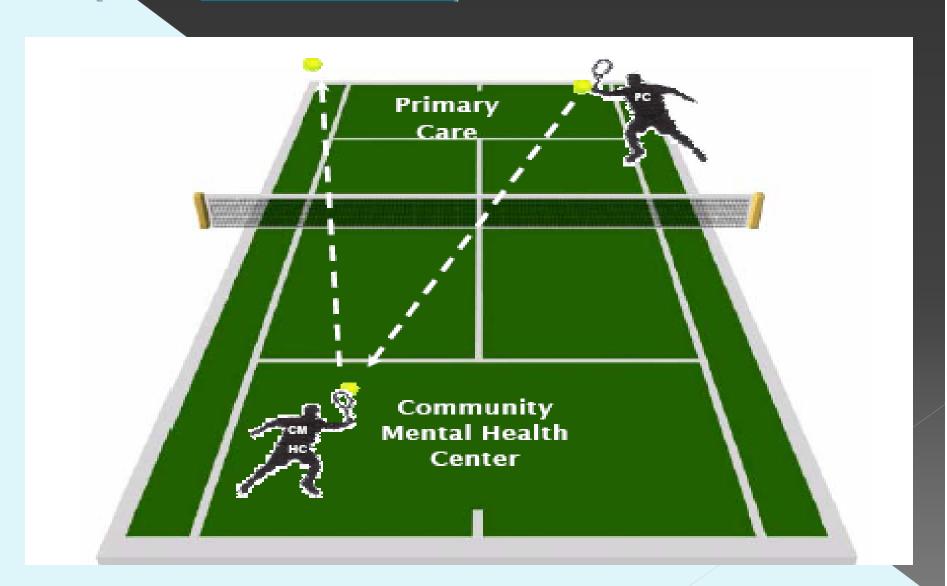
IMPACT Findings Robust Across Diverse Organizations

50 % or greater improvement in depression at 12 months



Participating Organizations

Why Integrate? (Source:www.impact-wu.edu)



Why Integrate Mental Health In Primary Care?

- People seek mental health care in primary care settings
- Many completed suicides were seen by PCP
 - > 20% on the same day
 - > 40% within 1 week
 - > 70% within 1 month
- White men ages 85 and older highest risk
- PCP referrals to mental health providers may be necessary but not sufficient to improve outcomes

Why Integrate Mental Health In Primary Care?

- Strong evidence has emerged for collaborative/integrated care for treatment of common mental disorders
 - The IMPACT (Improving Mood Promoting Access to Collaborative Treatment Model)
 - > The Three Component Model (3CM)
- Insurance does not provide adequate coverage for mental health services

Abstract Dollars

- Can help support integration work
- Will vary by organization/setting/payor mix
- Time spent with PCP
- No show rates for PCP, specialty care
- Medication adherence
- Emergency room visits/utilization
- Productivity for behavioral health

Outcome Measures

- What do you want to achieve?
- Are there diagnosis or measures your organization/department is already tracking/monitoring?
- Are there measures that will help us subsidize the integration work?
- Can this be a CQI or research project?
- What is realistic?
- Are there outcome measures that will increase organization buy-in for integration work

Integrated Care	Co-location	Collaborative Care
- Systematically combining physical and mental health services	- Most common model of integrated care	- Integrated health care model
- Term care approach to mental health based in community health primary care setting	- PCPs develop agreement with mental health providers to whom they refer their patients with mental health needs to onsite mental health services	-Partnership between the physical health and mental health providers to manage the treatment of mild to moderate and stable severe psychiatric disorders in primary care settings
- Integration of mental health treatment in primary care	- PCPs typically do not follow up on their referral once it has been made	- May include brief psychotherapy or simply medication management and patient education

Function	Minimal Collabo- ration	Basic Collabo- ration from a Distance	Basic Collabo- ration on- Site	Close Collabo- ration Partly Integrated	Fully Integrated
Doherty, McDaniel & Baird (1995)	 Separate Systems Separate facilities Communication is rare Little Appreciation 	 Separate Systems Separate facilities Periodic focused communication; mostly written View each other as outside resources Little understanding of each other's culture or influence 	 Separate systems Same facilities Regular communication; occasionally face-to-face Some appreciation of each others role & general sense of large picture Mental health usually has more influence 	 Some shared systems Same facilities Face-to-face consultation; coordinated tx plans Basic appreciation of each others role and cultures Collaborative routines difficult; time & operation barriers Influence sharing 	■Shared systems & facilities in seamless biopsychosocial web ■Consumers & providers have same expectations of system(s) ■In-depth appreciation of roles & culture ■Collaborative routines are regular & smooth ■Conscious influence

Models of Care

Model 1: Mental health staff colocated in FQHC Community Health Centers	Model 2: Article 31 Mental Health Center co-located in FQHC Community Health Center	Model 3: Cooperative Agreement with County Mental Health Service	Model 4: Part-time Primary Care Services in Mental Health Day Treatment Program
	- Staff includes primary care providers, adult and child psychiatrists and licensed mental health clinicians	- FQHC Community Health Center partnered with County Mental Health provider to provide comprehensive specialized care	- Primary care provider in day treatment program approximately 6 hours per week
		- Utilizes existing services to expand access, continuity and comprehensive care, and ensure all have access to appropriate level of service	- Primary care provider ongoing primary care as well as urgent care to patients who attend day treatment program

Who to hire for integrated care?

- Able to use behavioral activation techniques with patients as an adjunct to other treatments
- Able to provide optional evidence-based, brief structured psychotherapy
- Able to establish quick rapports to a wide range of individuals
- Ability to make patients feel that they are being listened to and supported

Workflows

- Screening
- Referral
- Assessment
- Education
- Discuss Treatment options with patient
- Coordinate care with PCP
- Referral to psychiatrist
- Start Initial Treatment Plan
- Arrange follow-up Contact
- Open Documentation
- Referral to outside resources (if necessary)

Financing Collaborative Care

- Public insurers
 - Medicare, Medicare Advantage
 - States: variation among Medicaid plans/financing for mental health services in primary care

Barriers to Integrated Care

Clinical Barriers

- Traditional separation of mental health issues from general medical issues
- Lack of awareness of mental health screening tools in the primary care setting
- > Physicians' limited training in psychiatric disorders and their treatment

Financial Barriers

- > Lack of insurance parity for psychiatric disorders
- Medicaid's low payment rates
- > Billing restrictions

Barriers to Integrated Care

Policy Barriers

- > Physical health and Mental health funding streams
- Difficulty of sharing information due to HIPAA regulations (progress notes)

Organizational Barriers

- > Shortage of mental health professionals
- Limited communication between medical and mental health providers
- Lack of agreement between medical and mental health providers

Contact Information

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Depression

- Depression is common in primary care settings
 - > 60% of depression cases are treated in Primary Care Setting
 - Medication is usually the first line of treatment
 - > Adherence to medication is an issue

Problem Solving Therapy

- Tenants of Problem Solving Treatment for Primary Care (PST-PC)
 - A problem is any situation in which an immediate and easily recognizable solution is not apparent
 - > Problems and minor life events are strongly associated with psychological symptoms
 - Weak problem solving capability is linked to the creation and maintenance of psychological disorders
 - > Regaining a sense of control over one's life problems is the most important factor for resolving depressive symptoms
 - The goal of PST is to teach the patient the problem solving skills so that they can use them in the future to avoid depression

Incorporating into Primary Care

- Ways to incorporate PST into Primary Care
 - > By anyone trained in the method
 - > Nurses, Social Workers, General Medical personnel
 - Case Manager
 - > Behavioral Specialists

Structure of PST-PC

- 6-8 sessions
- First session is 1 hour, following sessions are 30 minutes
- Bi-weekly
- Focus for Practitioner: Teach Problem Solving
- Work on at least 1 problem a week
- Homework between session

Link between Problems, Depression and PST-PC

- Depression is caused by or worsened by problems in living
- Depression interferes with ability to problem solve, which affects depressive symptoms creating a downward spiral

Seven Stages of PST-PC

- Clarify and defining problems
- Establishing achievable goals
- Brainstorming
- Decision making: Pros/Cons
- Choosing a preferred solution
- Implementing the solution
- Evaluating the Outcome

Behavioral Activation

- Health outcomes improve when patients take an active role in managing their own health
- Better outcomes are achieved through techniques that emphasize patient empowerment, collaborative goal setting and problem solving skills

Role of Primary Care Provider in Behavioral Activation

- Collaboration vs. "Expert"
- Using questioning techniques vs. giving advice

4 Principles of Motivational Interviewing

- Express Empathy
- O Develop Discrepancy
- Roll with Resistance
- Support for Self Efficacy

Self Management

• Any steps a patient can identify that they are willing to take to improve their health

Personal Action Plan

- Identifies a target for change
- Describes what, when, where, how often the change will occur
- Identifies barriers to the change
- Identifies and lists strategies to overcome barriers
- Assesses client confidence in accomplishing change
- Documents a follow up plan

- Physical Activity
 - > What → Where → When
- Relaxation
 - > What → Where → When
- Pleasurable Activity
 - \rightarrow What \rightarrow When
- What might get in the way of you accomplishing your goal
- How confident do you feel that you can reach your goal (0-10 scale)
- How do you think you did? (0-10)

Change tool

Benefits of Status Quo

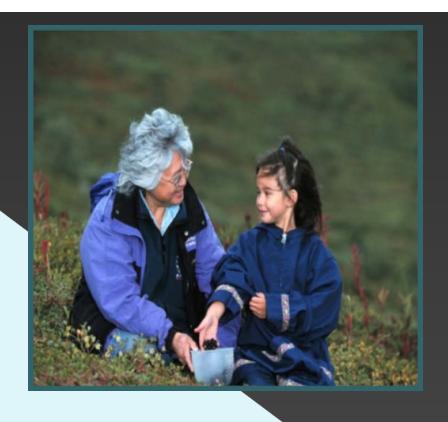
Benefits of Change

Costs of Status Quo

Costs of Change

Contact Information

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Behavioral Health Integration

Southcentral Foundation Primary Care Center Anchorage, Alaska

Meg Loomis, LMSW

Southcentral Foundation: Organizational Profile

- An Alaska Native non-profit tribal health care corporation founded in 1982.
- Provides direct health and related services to over 50,000 Alaska Native and American Indian customers in Anchorage, the Mat-Su Valley, and 55 villages.
- > Revenue sources:

Health Concerns for Alaska Native Population

- Depression and Anxiety: Rates nearly 2x that of non-Native Alaskans but lower rates of diagnosis.
- Alcohol and Substance Abuse: High rate of consumption and related violence.
- Fetal Alcohol Syndrome/Fetal Alcohol Spectrum Disorders: 7x than U.S. rates; 12.3% mothers report drinking during pregnancy.
- Chronic Disease: Colorectal cancer; diabetes.

Reasons for Integration at SCF Primary Care

- Behavioral and psychosocial factors in etiology and treatment of physical disease
- Primary care as the locus of treatment for mental health disorders
- Reduce stigma
- Financial advantages
- Improved quality of care
- Patient & provider satisfaction

Integration began in 2005 through SAMHSA funding

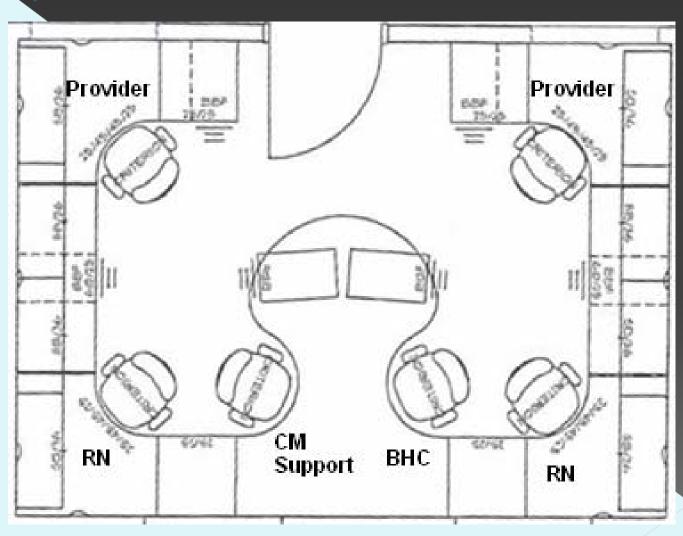
Southcentral Foundation's Integrated Framework

- Behavioral Health is ROUTINE component of medical care: 13 clinicians in family medicine, pediatric and women's clinics
- Annual depression & alcohol/drug screenings for all patients (SBIRT; BDI-PC).
- Integrated chart system
- Formal treatment team/case conferences
- BHC presence on all specialty workgroups (i.eopiod eligibility, chronic

Levels of Integrated Care

- Level 1 Consultation, brief targeted interventions, and management in primary care setting
- Level 2 Time-limited, focused interventions in primary care setting
- Level 3 Referral for longer-

Group Office Floor Plan



Behavioral Health Consultant Background & Skills

- Masters Level, ANP, or Ph.D/Psy.D
- WorkingKnowledge ofIntegrated CareModel
- Strong"Traditional"Clinical Skills

- TeamPerformance
- Understanding of Common Medications and Pharmacology
- DocumentationSkills
- Evidence-basedTreatment

Behavioral Health Consultant Role

- Consultation and education to providers and case managers on behavioral health issues.
- Psycho-educational materials and workbooks to aid in treatment and understanding.
- Assessment, brief intervention, education and follow-up for patients experiencing mental

Initial Challenges

- Slow Acceptance of Model
- Paradigm Shift for Medical Providers, Mental Health Providers, and Patients
- Lack of Consultation Space
- Recruitment

Successful Outcomes

- # Pts with <u>></u> 6 visit utilization in 6 months has decreased since BHC Integration
- 77% Primary Care Clinic staff reported increased efficiency
- 88% Primary Care Clinic staff more satisfied with their job since BHC Integration
- 91% increase in access to Behavioral Health Service
- Frees providers' time and resources to allow for more efficient use of limited appointment time.
- Provides patients with a more comprehensive evaluation of symptoms and issues.
- Offers providers and in-clinic specialty

Future Goals

- Refine Model based on Clinical Needs
- Prevention and Health Promotion
- Training
- Expand Tele-health Consultation
- Group Visits
- Recruitment

Questions?



Using a Ratient's Own Methods

in the treatment of depression and anxiety

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Any information concerning medication is not authorized by the manufacturer and solely reflects this clinician's professional experiences.

What is Depression?

- At least 5 of the following symptoms including one of the italicized
 - > Depressed Mood
 - Lack of interest in previously pleasurable activities "anhedonia"
 - Increase or loss in weight/appetite
 - > Insomnia/hypersomnia
 - Fatigue/loss of energy
 - "Tired" can be a depression buzz word
 - > Psychomotor retardation/agitation
 - > Feelings of guilt/regret/low self-worth
 - > Diminished concentration/attention
 - Recurrent thoughts of death or suicide
 - Increased irritability (not in current DSM-IV)
- Standard 1st Line Treatment
 - Initiation of SSRI (Selective Serotonin Reuptake Inhibitor)
 - MOA Blocks the reuptake of serotonin allowing for a more profound effect upon the brain

Depression: Epidemiology

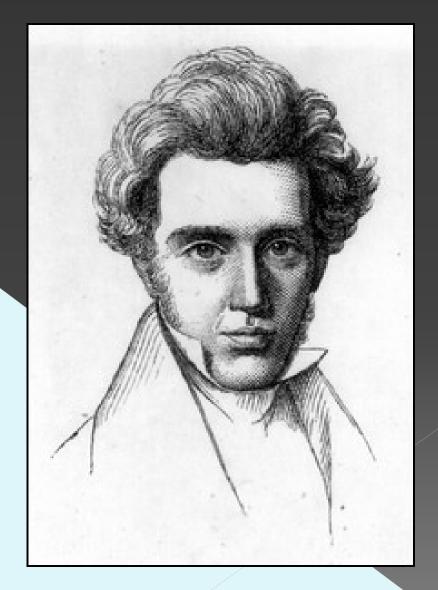
- Prevalence
 - > Lifetime
 - 10-25% females
 - 5-12% for males
 - > Population 6%
- Under treated
- Prevalence reacts to social climate

Depression: Recurrence

- 80% will have the disease more than once
 - Average is one episode every five years
- Two factors predict recurrence
 - Age
 - > Severity
- In one study 25% had a second episode within 12 weeks of remission
- Once a month therapy and daily medication prevented 80% of reoccurrence

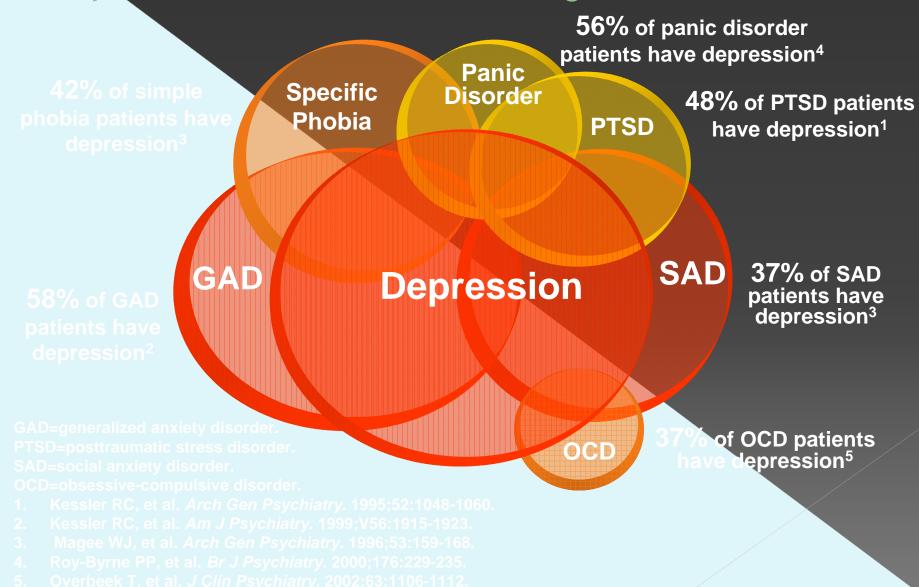
Søren Kierkegaard (1813-1855)

I do not care for anything. do not care to ride, for the exercise is too violent. do not care to walk, walking is too strepuous. I do not care to lie down, for I should either have to



From: Either/Or (1843)

Depression and Anxiety



Clinical presentation of anxiety

- Psychomotor constriction with hypervigelence
- Possible experventilation
- Somatic complaints
- Information processing deteriorates as anxiety
- Depersonalization / derealization
- Pale
- Affect is worried, concerned, afraid.
- Speech may be rapid or constricted.
- Mood is irritable

Cognitive/Behavioral effects of anxiety

- Sense of doom or impending disaster
- Powerless, helpless
- Rumination
- Overgeneralization
- Distortion
- Hypervigilance
- Poor concentration
- Regression
- Reliance on structure and ritual
- Increased dependence and dinging
- Avoidance and withdrawal
- Accident prone, decreased coordination

Effects of chronic anxiety

- Insomnia (DFA, MNA, EMA)
- Sexual dysfunction
- Fatigue
- Low self confidence
- Diminished productivity
- Self consciousness
- Self medication with substances

Panic - Course

- o Onset between 18 and 35
 - Maybe sudden or preceded by period of more generalized anxiety
- Most report onset during period of high stress
- First professional contact is often for medical work-up
- Recurrent waxing and waning with stress
- Anticipatory anxiety is cause of dysfunction

Panic: Physical Symptoms

- Palpitations pounding heart
- Sweating
- Trembling or shaking
- Feeling of cheking
- Hyperventilating
- Dizzy, unsteady, lightheaded, or faint
- Numbness or tingling sensations
- Chest pain or discomfort
- Nausea or abdominal distress
- Chills or hot flushes

Comorbidity and Significance

• When people have more than one disorder, which do they say "troubles them the most"

 Anxiety disorders 	77%
– Psychosis	61%
 Affective disorders 	54%
	40%
	28%
	27%

From a survey done by the Rural Health Foundation, Australia: http://www.rhef.com.au/videolts/Viddtls/000229.htm

AtlantiCare Mission HealthCare

- Two delivery sites with a total of 17 staff members
 - > 2-3 Medical Providers
 - > 1 Psychiatric Provider
- Population Served
 - > Homeless and Under-insured
- Visits per year = 24,791



AtlantiCare Mission HealthCare

• Programs Offered:

- > Primary Healthcare
- > Diabetic Education
- > Pain Management
- > Mental Health
- > Withdrawal Management and Maintenance
- > Substance Abuse Counseling
- > Intensive Outpatient Program
- > Relapse Prevention
- Case Management



Patient Health Questionnaire -

	Not at all	Several days	Most Days	Nearly every day
1. Little interest or pleasure in doing things	0	1	2	3
2. Feeling down, depressed or hopeless	0	1	2	3
3. Trouble falling asleep, staying asleep or sleeping too much	0	1	2	3
4. Feeling tired or having little energy	O	1	2	3
5. Poor appetite or overeating	0	1	2	3
	0	1	2	3
			2	3
			2	3
				3

Model for Treatment of Depression & Anxiety

Patient receives

PHQ-9 and evaluated for anxiety

Score is ≥ 10 on PHQ and/or

Tests + for anxiety

Test Negative

for Bipolar Disorder mertal health servifor Suicide Risk

Test Negative

GP or Family APN provides pt. with one month of low dose SSRI and patient education about their possible condition

Depression Scores

*Using the Patient Health Questionnaire as Tool

Nationa

2008 Core Measures Patient registry size - 48	Mission	I Goa I
Pts with 50% reduction in Total PHQ Score	50.0%	>40%
Pts. With 5 point reduction in PHQ score within 6 months	81.8%	>50%
2008 Additional Measures		
Pts. with depression on an antidepressant at last visit	97.7%	>70%
Pts. with documented self-management goal	93.8%	>70%

Medication for Depression

<u>Starting</u>	1st Line 2 failed trials of SSRI	2 nd Line	3 rd Line
Escitalopram (Lexapro) 10mg	Escitalopram 20- 30mg	Duloxetine (Cymbalta) 30mg → 60-90mg	Aripiprazole (Abilify) 2-15 mg
Sertraline (Zoloft) 50mg	Sertraline 100- 200mg	Desvenlafaxine (Pristiq) 50-100mg	Quetiapine XR (Seroquel) 150mg → 200-400mg
Fluoxetine (Prozac) 20mg		Venlafaxine XR (Effexor) 75mg → 150-300mg	Ziprasidone (Geodon) 60 → 120mg
Citalopram (Celexa) 20mg	Citalopram 20- 40mg (better for dysthymia than straight depression)	Bupropion XL (Wellbutrin) 150- 450mg	Symbyax (Zyprexa /Fluoxetine combo) 6/25mg

Medication for Anxiety

Starting	1st Line 2 Tailed trials of SSRI	2 nd Line	3 rd Line	<u>PRN</u>
Escitalopram (Lexapro) 10mg		Duloxetine (Cymbalta) 30mg → 90- 120mg	Pregabalin (Lyrica) 75 BID 150-300mg BID	Hydroxyzine (Vistaril) 25- 200mg
Sertraline (Zoloft) 50mg		Desvenlafaxin e (Pristiq) 100mg	Quetiapine XR (Seroquel) 150mg -> 200- 400mg	Clonazepam (Klonopin) 0.25-2mg
Fluoxetine (Prozac) 20mg			Ziprasidone (Geodon) 60 120mg	

Easy & Quick Tools for Depression & Anxiety

- Evaluate lifestyle & interests
 - "What relaxes you?
 - "What have you done on a bad day that helped?"
 - "Who in your life helps you feel better?"
 - "What are favorite breaks, do you like a walk, a cup of coffee, tea etc..."
 - "What are you good at?"
- Promote specific changes of additions generally and an increase for "bad days"
 - Activities
 - > Distraction
 - Sensory Stimulation



Easy & Quick Tools for Depression & Anxiety Activities

- Physical activity
 - > Basic exercise
 - Push-ups
 - Aerobics
 - Weights
 - Yard Work
 - Specific exercise based on patient
 - Kick Boxing
 - Punching bag
- Running Errands
 - > Patient can feel productive
 - Socialization can be both a pro and a cor



Easy & Quick Tools for Depression & Anxiety Activities Actual Cases

- 48 year old Caucasian male suffering from severe chronic depression and PTSD from regular paternal physical abuse
 - > Participates in yard work 3x a week
 - Uses punching bag on bad days when anger and flashbacks are high
 - > Stable for 2-3 years
- 42 year old Caucasian female with schizo-affective disorder, bipolar subtype with high anxiety and anger rising to homicidal and violent levels. Multiple arrests for assault and hx of self-medication
 - Daily kick boxing helps control anger, longer sessions for bad days
 - > Clean & Stable for 3 years

Easy & Quick Tools for Depression & Anxiety Distraction

- Elementary procedure
 - Arranging ones clothes, possessions or food
 - > Preparing food
 - > Basic cleaning
- Playing with kids/pets
- Short television, movie, game or reading session
 - > 20-30 minutes maximum
 - Otherwise it becomes an escape
- Conversation
 - > Phone call
 - > Visit
 - Going to social environment
 - Park
 - Book store
 - Watch for rumination



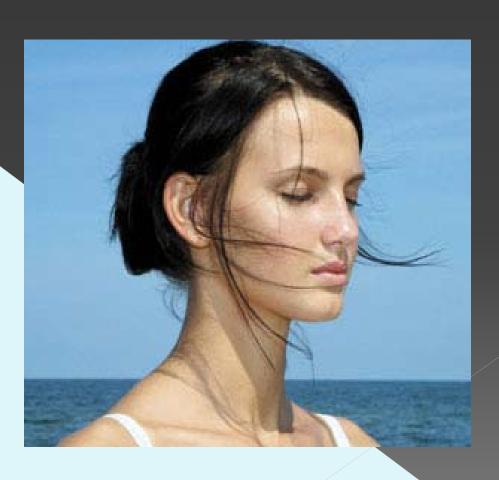
Easy & Quick Tools for Depression & Anxiety Distraction Actual Cases



- 24 year old Caucasian male with chronic melancholic depression and hx of substance abuse
 - Uses time with his infant son for relaxation instead of obligation
 - Reworked thought process to see it as enjoyable
 - On days when stressed, attempts to have a 'special' time

Easy & Quick Tools for Depression & Anxiety Sensory Stimulation

- Touch
 - > Fresh air
 - Even better when windy, cold or hot
- Taste
 - Cold/Hot Beverage
 - Candy/Cough Drop/Gum
- Smell
 - Spices
 - > Aromatherapy
- Sounc
 - > Music
 - A "relaxing voice"
- Sight
 - > Fun/relaxing pictures
 - Moving object
 - Swaying tree
 - Fountain/moving water
 - Playground



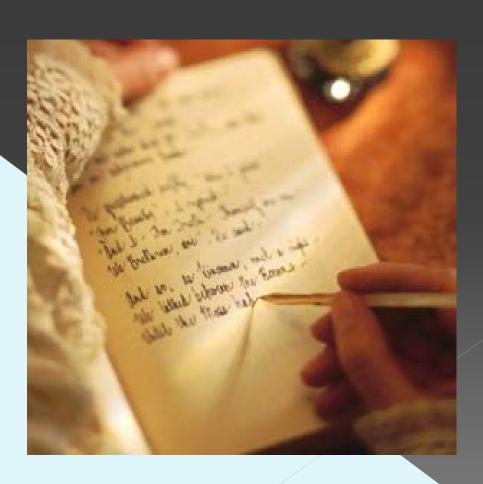
Easy & Quick Tools for Depression & Anxiety Sensory Stimulation Actual Cases



- 52 year old African-American male suffering from severe PTSD dating back to torture as an inmate in federal penitentiary with flashbacks, anger, psychosis and panic attacks
 - Carries a bottle of orange juice to self-treat panic attacks and flashbacks
 - "It's the opposite of jail"
 - Stable for 3 years
 - Volunteers at high schools speaking of the dangers of the drug world.

Easy & Quick Tools for Depression & Anxiety Self Monitoring

- Mood log
- O Journal
- Creative writing/Poetry
- Writing music
- Talking with counselor/sponsor
- Awareness of other people's perceptions
 - "How are people telling you, you beer acting or feeling recently?"
- Usage of PRN medication



Easy & Quick Tools for Depression & Anxiety Self Monitoring Actual Cases

- My Past
 - > I made wrong decisions
 - Not knowing how they would
 - Adversely affect me
 - I forgot about me
 - > Trying to be a good
 - Single working mom
 - When it came to thinking
 - About only me
 - I failed

- My Present
 -) I wake up
 - > I take a breath
 - A new day
 - > I am thankful

Excerpts from a 45 year old Caucasian female with hx of chronic cocaine abuse, melancholic depression and frequent hospitalizations

Now stable for 4 years. Clean for 4 years with an isolated 2 day relapse

Integration is the Key



- Medical personnel see psychiatric illnesses prior to psychiatric clinician
- General health includes mental stability
- Follow-up on self-management is already done, questions and follow-through need to be added Simple, Quick, Easy
- Diagnostic tools such as the PHO-9 and the Beck Anxiety Inventory can help prior to diagnosis
- Early treatment leads to greater compliance, greater success and brighter future

Thank you.... Questions, Comments or Stories? 856-316-2937 or SpectorPsychiatry@gmail.com

