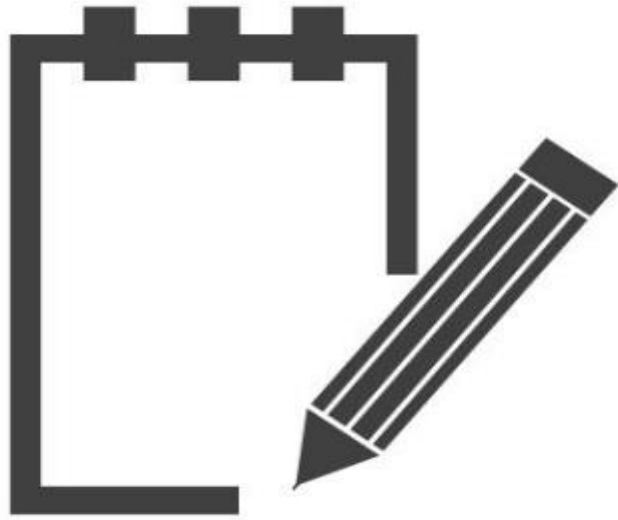


SPECIAL TOPIC - PSYCHIATRIC MEDICATION

Law Enforcement and Community:
Crisis Intervention Team Training
Nollaig Morris, MSN, RN, FNP-c

PSYCHIATRIC MEDICATION



- **LEARNING GOALS –**
 - **PSYCHIATRIC MEDICATION**
 - **EFFICACY & SIDE EFFECTS**
 - **GOALS OF & BARRIERS TO TREATMENT**
 - **PROBATE ROGER'S**

TYPES OF MENTAL ILLNESS

1 IN EVERY 8 PEOPLE IN THE WORLD LIVE WITH A MENTAL DISORDER (WHO, 2022)

- MOOD DISORDERS
 - DEPRESSION, BIPOLAR
- PSYCHOSIS DISORDERS
 - SCHIZOPHRENIA
- ANXIETY DISORDERS
 - ANXIETY, PANIC

MOOD DISORDERS - DEPRESSION

- MAJOR DEPRESSIVE DISORDER (MDD)
 - A HISTORY OF AT LEAST ONE MAJOR DEPRESSIVE EPISODE AND NO HISTORY OF MANIA OR HYPOMANIA
 - EPISODE LASTS A LEAST TWO CONSECUTIVE WEEKS AND HAS FIVE OR MORE SYMPTOMS
 - HIGH RATE OF RECURRENT WHICH INCREASES WITH MORE EPISODES
 - (UpToDate, 2024)

MEDICATIONS FOR MDD



- FIRST LINE TREATMENT: SELECTIVE SEROTONIN REUPTAKE INHIBITOR (SSRI)
- NAMES: sertraline (Zoloft), escitalopram (Lexapro), fluoxetine (Prozac), paroxetine (Paxil)
- OTHER MEDICATIONS USED IN MDD:
 - SEROTONIN-NOREPINEPHRINE REUPTAKE INHIBITORS (SNRIs)
 - NAMES: duloxetine (Cymbalta) , venlafaxine (Efexor)
 - ATYPICAL ANTIDEPRESSANTS
 - NAMES: mirtazapine (Remeron), bupropion (Wellbutrin)
 - TRICYCLIC ANTIDEPRESSANTS (TCAs)
 - NAMES: amitriptyline (Elavil)

(UpToDate, 2024)

SIDE EFFECTS OF MDD MEDICATIONS

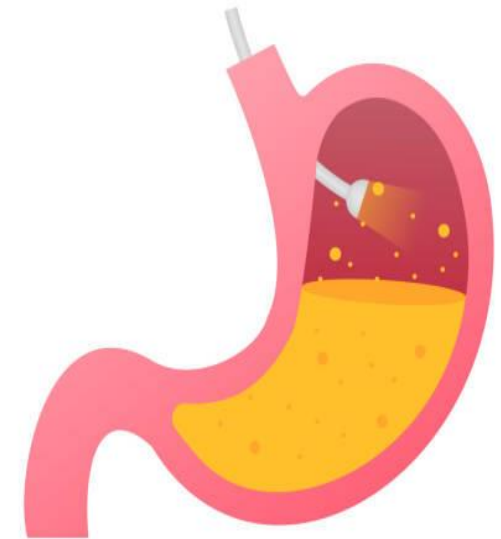
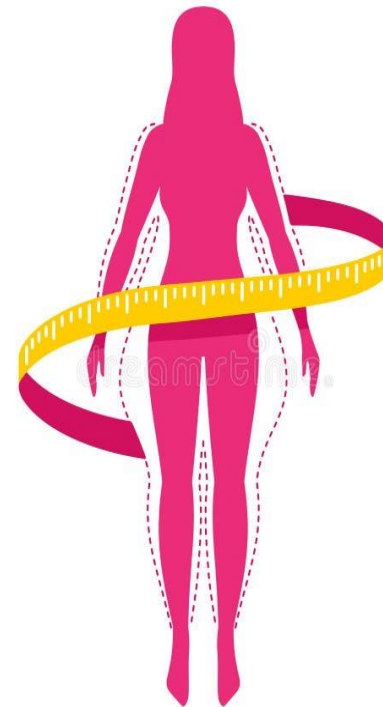
SIDE EFFECTS

WEIGHT GAIN OR LOSS

SOMNOLENCE

SEXUAL DYSFUNCTION

GASTROINTESTINAL
ISSUES



MOOD DISORDERS - BIPOLAR DISORDER

- CHRONICALLY OCCURRING EPISODES OF MANIA AND DEPRESSION
- CAN DISRUPT: MOOD, ACTIVITY, SLEEP, COGNITION, BEHAVIOR, FUNCTIONING, ENERGY
- MANIA IS A MEDICAL EMERGENCY, OFTEN REQUIRING HOSPITALIZATION
- SUICIDE AND SELF-HARM ARE HIGH RISK DURING ACUTE BIPOLAR DEPRESSION EPISODES

(StatPearls, 2023)

MEDICATIONS FOR BIPOLAR DISORDER



- FIRST LINE TREATMENT: ANTIPSYCHOTICS OR MOOD STABILIZERS
 - NAMES: ANTIPSYCHOTICS FOR MANIA – risperidone (Risperdal), aripiprazole (Abilify)
 - NAMES: ANTIPSYCHOTICS FOR DEPRESSION – olanzapine (Zyprexa), lurasidone (Latuda)
 - NAMES: MOOD STABILIZERS – lithium (Lithobid), divalproex (Depakote), lamotrigine (Lamictal)
- OTHER MEDICATIONS USED IN BIPOLAR:
 - ANTIDEPRESSANTS

SIDE EFFECTS OF BIPOLAR MEDICATIONS – MOOD STABILIZERS

SIDE EFFECTS

WEIGHT GAIN

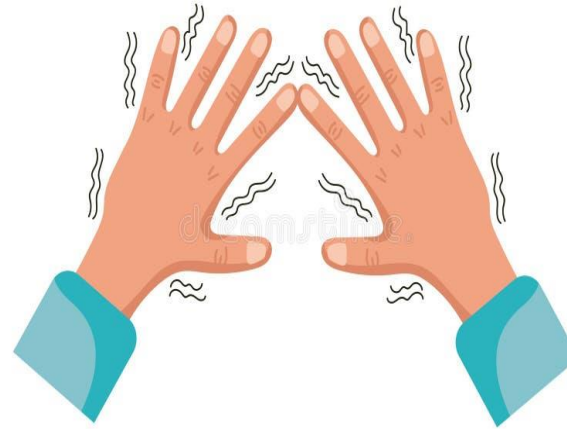
GASTROINTESTINAL DISTURBANCES

RASH

TREMORS

VISION CHANGES

STEVENS-JOHNSON SYNDROME



PSYCHOTIC DISORDERS

- LOSS OF CONTACT WITH REALITY
 - INCREASED RISK OF HARMING THEMSELVES OR OTHERS
 - INCREASED RISK OF BEING UNABLE TO MEETS THEIR BASIC NEEDS
- CAN BE PRESENT IN MANY PSYCHIATRIC ILLNESSES
- CAN BE A MANIFESTATION OF SUBSTANCE USE OR UNDERLYING MEDICAL DISEASE PROCESSES.

(UpToDate, 2024)

SCHIZOPRENIA

- A PSYCHIATRIC DISORDERS INVOLVING CHRONIC OR RECURRENT PSYCHOSIS
- COMMONLY ASSOCIATED WITH IMPAIRMENTS IN SOCIAL AND OCCUPATIONAL FUNCTIONING.
- RANKED BY WHO AS ONE OF THE TOP 10 ILLNESSES OF GLOBAL BURDEN
- TYPICAL ONSET
- CLINICAL MANIFESTATIONS:
 - POSITIVE SYMPTOMS
 - NEGATIVE SYMPTOMS
 - COGNITIVE IMPAIRMENT
 - MOOD AND ANXIETY SYMPTOMS (UpToDate, 2024)

SCHIZOPHRENIA - SIGNS & SYMPTOMS



POSITIVE SYMPTOMS:

HALLUCINATIONS

DELUSIONS

DISORGANIZED
THOUGHTS &
BEHAVIORS

- HALLUCINATIONS:
 - AUDITORY, VISUAL, SOMATIC, OLFACTORY & GUSTATORY
- DELUSIONS:
 - BIZARRE & NONBIZARRE
- DISORGANIZATION:
 - BEHAVIOR OR THINKING

SCHIZOPHRENIA - SIGNS & SYMPTOMS



NEGATIVE SYMPTOMS:

SOCIAL ISOLATION
UNCHANGING FACIAL
EXPRESSION
ASOCIALITY
ANHEDONIA

- COGNITIVE IMPAIRMENT
 - ATTENTION DEFICITS
 - LEARNING AND MEMORY
 - REASONING
 - SOCIAL COGNITION
- MOOD & ANXIETY

MEDICATIONS FOR SCHIZOPHRENIA



- FIRST LINE TREATMENT: SECOND-GENERATION ANTIPSYCHOTICS/ATYPICAL
 - NAMES: aripiprazole (Abilify), risperidone (Risperdal), olanzapine (Zyprexa), quetiapine (Seroquel), ziprasidone (Geodon), paliperidone (Invega), lurasidone (Latuda), clozapine (Clozaril)
 - PREFERRED AS CAUSE FEWER EXTRAPYRAMIDAL SYMPTOMS (EPS)
- OTHER ANTIPSYCHOTICS USED:
 - FIRST-GENERATION ANTIPSYCHOTICS/TYPICAL
 - NAMES: haloperidol (Haldol), perphenazine (Trilafon), loxapine (Loxitane), prochlorperazine (Compazine),

ANTIPSYCHOTIC MEDS SIDE EFFECTS

FIRST GENERATION

INCREASED RISK OF CARDIAC
ABNORMALITIES.

ORTHOSTATIC HYPOTENSION

SKIN ABNORMALITIES/DISCOLORATION

PHOTOSENSITIVITY

BLOOD ABNORMALITIES: LEUKOPENIA,
THROMBOCYTOPENIA, BLOOD DYSCRASIA

- EXTRAPYRAMIDAL SIDE EFFECTS (EPS):
 - ANTICHOLINERGIC: dry mouth, constipation, urinary retention
 - SEDATION
 - LOWER SEIZURE THRESHOLD
- TARDIVE DYSKINESIA
- NEUROLEPTIC MALIGNANT SYNDROME
 - RARE BUT FATAL – MEDICAL EMERGENCY

ANTIPSYCHOTIC MEDS SIDE EFFECTS

SECOND GENERATION

LESS EXTRAPYRAMIDAL
SIDE EFFECTS

- WEIGH GAIN/INCREASED APPETITE
- INCREASED RISK OF METABOLIC SYNDROME:
- SEDATION
- DIZZINESS
- CARDIAC ABNORMALITIES

CLOZAPINE (CLOZARIL)

- FDA APPROVED FOR TREATMENT-RESISTANT SCHIZOPHRENIA. MAX DAILY DOSE IS 900MG
- MOST EFFECTIVE ANTIPSYCHOTIC FOR SCHIZOPHRENIA
- APPROVED FOR SCHIZOPHRENIA-ASSOCIATED SUICIDE PREVENTION
- ASSOCIATED RISKS:
 - AGRANULOCYTOSIS – REQUIRES CLOSE MONITORING OF ANC LEVEL
 - MYOCARDITIS – RARE COMPLICATION < 3%
 - METABOLIC SYNDROME
 - SEIZURES
 - EXCESSIVE SALIVATION
 - PULMONARY EMBOLISM

(StatPearls, 2023)

ANXIETY DISORDERS

- GENERALIZED ANXIETY DISORDER (GAD)
 - VERY COMMON MENTAL HEALTH DISORDER
 - MANIFESTS IN SYMPTOMS OF FEAR, WORRY, FEELING OVERWHELMED
 - SYMPTOMS CAN BE EXCESSIVE, PERSISTENT, UNREALISTIC
 - CAN NEGATIVELY AFFECT SLEEP AND CONCENTRATION
- (StatPearls, 2022)

MEDICATIONS FOR GAD

- FIRST LINE TREATMENT: SSRIs & SNRIs
 - OTHER MEDICATIONS USED IN GAD:
 - ANTIPSYCHOTICS
 - BENZODIAZEPINES
 - NAMES: diazepam (Valium), clonazepam (Klonopin), lorazepam (Ativan), alprazolam (Xanax)
 - NONBENZODIAZEPINE
 - NAMES: buspirone (Buspar)
- (StatPearls, 2022)

SIDE EFFECTS OF ANXIETY MEDICATIONS - BENZODIAZEPINES

SIDE EFFECTS

SEDATION

CONFUSION

IMPAIRED COORDINATION

RESPIRATORY DEPRESSION

- POTENTIAL FOR:
 - MISUSE
 - ABUSE
 - DEPENDANCE
 - WITHDRAWAL
 - OVERDOSE

ANXIETY DISORDERS

- PANIC DISORDER

- COMMON MENTAL HEALTH DISORDER
- MANIFESTS AS RECURRENT, UNEXPECTED PANIC ATTACKS
- CAN SIGNIFICANTLY AFFECT QUALITY OF LIFE
- HIGHER RISK OF SUICIDAL IDEATION

- (StatPearls, 2023)

MEDICATIONS FOR PANIC DISORDER



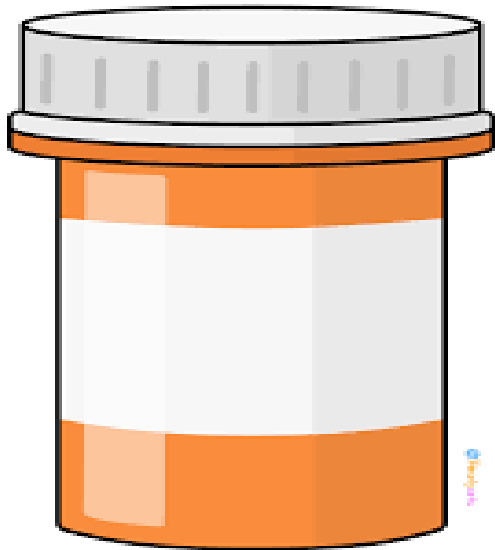
- FIRST LINE TREATMENT: SSRIs & BENZODIAZAPINES
- OTHER MEDICATIONS USED IN PANIC DISORDER:
 - gabapentin (Neurontin) - ANTICONVULSIVE

(StatPearls, 2023)

QUESTIONS TO ASK

- ASK IF THE PERSON IS:
 - TAKING ANY MEDICATIONS CURRENTLY?
 - PRESCRIBED MEDICATIONS CURRENTLY?
 - TAKING MEDICATIONS AS PRESCRIBED?
 - HOW LONG THEY HAVE BEEN TAKING THE MEDICATION?
 - DO THEY TAKE ANY OTHER MEDICATIONS/SUBSTANCES THEY ARE NOT PRESCRIBED?

PRESCRIPTIONS



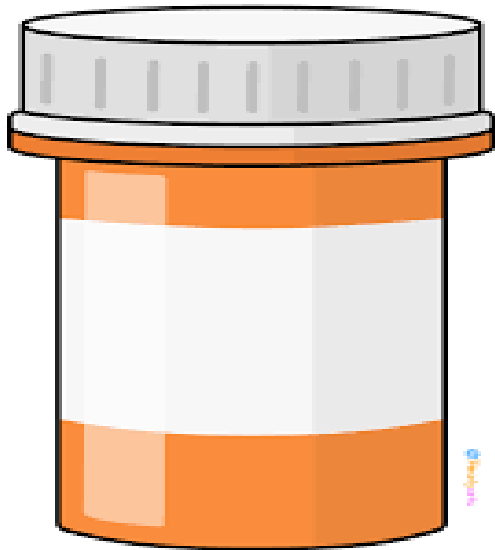
- **EXAMPLE:**

- JOHN SMITH, 01/01/1970
- CLOZAPINE, 200MG
- TAKE 1 TABLET BY MOUTH TWICE DAILY

- **EXAMPLE:**

- JOSEPHINE STATE, 01/01/1949
- LORAZEPAM, 1MG
- TAKE ½ TAB EVERY SIX HOURS AS NEEDED FOR ANXIETY

PRESCRIPTIONS



- **EXAMPLE:**
 - MARY JAMES, 01/01/2000
 - GABAPENTIN, 300MG
 - TAKE 2 TAB BY MOUTH THREE TIMES PER DAY
- **EXAMPLE:**
 - KEITH APPLE, 01/01/1972
 - FLUOXETINE, 20 MG
 - TAKE 1 TABLET BY MOUTH DAILY

BARRIERS TO MEDICATION COMPLIANCE

BARRIERS

STIGMA

COST

MENTAL ILLNESS

DOSING REGIMEN

CO-MORBIDITIES

SIDE EFFECTS

LACK OF SUPPORT

LIMITED ACCESS TO SERVICES



ROGERS GUARDIANSHIP

WHAT IS A ROGERS?

- THE RIGHT OF A GUARDIAN TO CONSENT TO TREATMENT WITH ANTIPSYCHOTIC MEDICATION BY WAY OF A COURT ORDER.
- 1983 CASE: *ROGERS v. COMMISSIONER OF THE DEPT OF MENTAL HEALTH* (Mass.gov, 2024)

PROBATE ROGERS

- DETERMINED BY PROBATE COURT AS A "SUBSTITUTED JUDGEMENT"
- ROGERS MONITOR
- REVIEWED YEARLY
- ISSUES WITH ENFORCEMENT

Module Wrap-Up

QUESTIONS?

COMMENTS?

THOUGHTS?

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