Identification and Treatment of Depression in Primary Care
For Adults Ages 18 and Older

PRACTICE PRINCIPLE

Practice Guidelines and Principles: Guidelines and principles are intended to be flexible. They serve as reference points or recommendations, not rigid criteria. Guidelines and principles should be followed in most cases, but there is an understanding that, depending on the patient, the setting, the circumstances, or other factors, care can and should be tailored to fit individual needs.

Key Points
1. Depression is treatable.
2. There are 2 screening questions, which can be used to screen for depression.
3. Adequate dosing of antidepressant medication and patient compliance with medication is the key to favorable outcomes.

Purpose: To improve the identification and treatment of patients with Major Depressive Disorder (MDD or Major Depression) in the primary care setting. Depressive symptoms which are not considered to reflect Major Depressive Disorder, and are related to other diagnoses e.g., Dysthymia, Seasonal Affective Disorder, Bipolar Disorder (Manic Depressive Illness), are not considered to be the focus of this guideline.

Distributed to: Primary care physicians including internists, family practitioners, general practice physicians, and pediatricians; specialists/subspecialists including obstetricians/gynecologists, and psychiatrists; and psychologists, psychiatric nurse practitioners and certified social workers.

Developed by: Eugene Schneider, MD, Psychiatry, Chairperson, Specialty Advisory Committee, and Medical Director, Excellus, Inc.; Susan Hanson, MD, Psychiatry; Robert Lustig, PhD, Psychology; Susan McDaniel, PhD, Psychology; John McIntyre, MD, Psychiatry; Michael Privitera, MD, Psychiatry; Kishor Sangani, MD, Psychiatry; Timothy Sheehan, CSW, Social Work; Jane Sundberg, PharmD, Pharmacy; and Andrew Vaughan, MD, Occupational Medicine.

Grading System

Grades of Recommendations:

A = Good evidence to support the recommendation that the condition or intervention be specifically considered in a clinical practice guideline.

B = Fair evidence to support the recommendation that the condition or intervention be specifically considered in a clinical practice guideline.

C = Poor evidence regarding inclusion or exclusion of a condition or intervention in a clinical practice guideline, but recommendation made on other grounds.

D = Fair evidence to support the recommendation that the condition or intervention be specifically excluded from consideration in a clinical practice guideline.

E = Good evidence to support the recommendation that the condition or intervention be specifically excluded from consideration in a clinical practice guideline.

Quality of Published Evidence:

For Grade A:

I - Evidence from at least one properly randomized controlled trial.

For Grade B:

II – 1 Evidence from well-designed controlled trials without randomization.

II – 2 Evidence from well-designed cohort or case-control analytic studies, preferably from more than one center or research group

II – 3 Evidence from comparisons between times or places with or without the intervention. Dramatic results in uncontrolled experiments could also be included here.

For Grade C:

III - Opinions of respected authorities, based on clinical experience, descriptive studies or reports of expert committees.
## Identification and Treatment of Depression in Primary Care for Adults Ages 18 and Older

### Practice Principle

#### Assess Family History

<table>
<thead>
<tr>
<th>Common Symptoms</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Aches and Pains</td>
</tr>
<tr>
<td>• Low Energy</td>
</tr>
<tr>
<td>• Apathy, Irritability, Anxiety, Sadness</td>
</tr>
<tr>
<td>• Sexual Complaints</td>
</tr>
<tr>
<td>• Disrupted Sleep Patterns</td>
</tr>
<tr>
<td>• Vague GI Symptoms</td>
</tr>
<tr>
<td>• Appetite Changes</td>
</tr>
<tr>
<td>• Social Avoidances</td>
</tr>
<tr>
<td>• Headaches</td>
</tr>
</tbody>
</table>

#### Populations at High Risk

(untreated depression may interfere with recovery from comorbid conditions)

- Heart Disease
- Diabetes
- Cancer
- Catastrophic Illness
- Pregnancy/Postpartum
- Thyroid
- Obesity
- Substance Abuse
- Anxiety
- Chronic Medical/Psychiatric Conditions
- Marital Problems/Domestic Violence
- Workplace Problems
- Dementia

### Assessment and Identification

**Chief Complaint**

#### 2 Question Assessment

*During the past month have you often been bothered by:*  
1. little interest or pleasure in doing things **AND/OR**  
2. feeling down, depressed, or hopeless

**Consider use of screening tool for diagnosis:**  
For Example: PHQ9

**Assess SUICIDE and/or HOMICIDE RISK**

- **Implement CRISIS Options**
  - **High Risk**
  - **Low Risk**

**Evaluate Severity**

**Select Treatment Options**

**Feedback to Patient and Establish Diagnosis**

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Identification & Treatment of Depression in Primary Care

**Treatment of Depression**

- Select and Start Medication Treatment

**PCP Monitors the Following:**
1. Response to tx (symptom reduction)
2. Side effects of medication
3. Compliance with medication

- Select Mental Health Specialist if Appropriate

**ACUTE PHASE TREATMENT**

1-3 months

- Assess Improvement at:
  - Weeks 1-2 of treatment?
  - Weeks 3-5 of treatment?
  - Weeks 6-11 of treatment?

Grade C

- No or Limited

- Reassess

- Reassess medication side effects and/or dosage

- Medication and Treatment Options Consider:
  1. Dose Adjustment
  2. Change Medication
  3. Add or modify psychotherapy
  4. Refer to psychiatrist

**CONTINUATION PHASE TREATMENT**

3-6 months

- Improvement at:
  - Months 3 - 6 of treatment?

Grade C

- No or Limited

- Reassess

- Reassess medication side effects and/or dosage

- Medication and Treatment Options Consider:
  1. Dose Adjustment
  2. Change Medication
  3. Add or modify psychotherapy
  4. Refer to psychiatrist

**MAINTENANCE PHASE TREATMENT**

6 months +

- Improvement at:
  - Months 6+ of treatment?

Grade A

- No or Limited

- Reassess

- Ongoing care and continued medication for at least:
  - 9 months for the initial episode
  - 1 year for second episode
  - Indefinitely for multiple episodes

- Medication and Treatment Options Consider:
  1. Dose Adjustment
  2. Change Medication
  3. Add or modify psychotherapy
  4. Refer to psychiatrist

When to Refer to a Mental Health Specialist

- Active Suicide Potential
- Psychotic Symptoms
- Lack of Response to Treatment
- Need for Psychotherapy/Counseling
- Substance Abuse
- Poor Adherence/Compliance
- Diagnostic Consultation (Treatment/Medication Management)
- Need for Hospitalization or Electroconvulsive Therapy (ECT)
- Recurrent or Chronic Depression
- Patient or Family Request

Resource Materials


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1A. Untreated depression may interfere with recovery from comorbid conditions

Prevalence of depression in medical comorbidities:
- Coronary Artery Disease: 18%
- Myocardial Infarction: 16%
- Cancer: 20-25%
- Diabetes: 25%
- HIV: 36%
- Alzheimer’s Disease: 17-31%
- Migraine: 22-32%
- MS: up to 50%
- Post Partum: 10-20%


1. Suspect Depression

Many patients with depression do not complain of depressed mood, and physicians need to suspect depression based on a profile of risk factors and common presentations.

Common Presentations for depression may include:
- Multiple shifting somatic complaints; headaches, abdominal pain or other body aches, often multiple (>5 per year) medical visits
- Fatigue, low energy, or reduced capacity for pleasure
- Sleep disturbance
- Non-adherence to a treatment regimen for a chronic illness
- Moods of apathy, irritability, anxiety, or sadness
- Work or relationship dysfunction
- Multiple worries, helplessness, hopelessness
- Complaints of sexual dysfunction or lack of desire
- Rapid fluctuations in weight
- Alcohol or substance abuse

2. Interview for Key Symptoms of Depression

Depressed mood or anhedonia (diminished interest or pleasure in activities) is necessary to diagnose depression. If you suspect depression, ask about underlying depressed mood or anhedonia. Remain cognizant that depression is expressed differently in each age group and cultural group.

Sometimes depressed patients will initially deny depressed mood and anhedonia, so ask about vegetative symptoms (sleep disturbances, changes in appetite and energy level). If vegetative symptoms are present, ask again about underlying depressed mood and anhedonia. If either is endorsed, proceed to a full clinical interview. Depression in the elderly may be indicated by somatic complaints, especially constipation, chronic pain, and/or pseudo-dementia.
2C. **Significant Risk Factors for Suicide**
- Suicidal Ideation/Plans
- Prior suicide attempts
- Family History of suicide
- Hopelessness
- Recent major loss
- Serious medical condition
- Coexisting Substance abuse
- Psychosis

<table>
<thead>
<tr>
<th>Medications Reportedly Associated with Depression</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Cardiovascular Drugs</strong></td>
</tr>
<tr>
<td>• Alpha-methyldopa</td>
</tr>
<tr>
<td>• Propranolol *</td>
</tr>
<tr>
<td>• Guanethidine</td>
</tr>
<tr>
<td>• Clonidine</td>
</tr>
<tr>
<td>• Digoxin</td>
</tr>
<tr>
<td><strong>Anticancer Agents</strong></td>
</tr>
<tr>
<td>• Cyclosporine</td>
</tr>
<tr>
<td>• Tamoxifen*</td>
</tr>
<tr>
<td><strong>Hormones</strong></td>
</tr>
<tr>
<td>• Oral Contraceptives*</td>
</tr>
<tr>
<td>• Glucocorticoids</td>
</tr>
<tr>
<td>• Anabolic Steroids</td>
</tr>
<tr>
<td>*Controversial</td>
</tr>
</tbody>
</table>

You should assess depressed patients’ risk of suicide by asking them about thoughts they may have had about suicide, impulses and their personal history of suicide attempts. Is there a specific plan? Does the patient have access to weapons? If so, a behavioral health practitioner and a family member need to be contacted.

**If suicide is a distinct risk consult a behavioral health practitioner immediately. This may indicate the need for a direct referral to the psychiatric emergency department.**

**Remember:** Second leading cause of death for men 18-24 is suicide. Men over 55 are also at significant risk.

3. **Evaluate for Other Causes of Depressive Symptoms**

**Bipolar Disorder (Manic Depressive Illness):**
During the interview, inquire about any past history of manic episodes.

*Suggested Screening Question: Have you ever been through a spell of a few weeks where you felt overly happy, hyperactive, talkative, impulsive, invincible and need very little or no sleep, but still had tons of energy?*

**Psychosocial Stressors:**
A patient with an Adjustment Disorder may only need time and support. However if symptoms are persistent or debilitating, medication and/or psychotherapy should be considered.
- Stressful life events including loss (death of a loved one, divorce)
- Traumatic events (car accident, sexual or physical abuse)
- Major life changes (job change, retirement, migration, cultural transition)

Emotional and behavioral reactions to these psychosocial stressors may include symptoms of depression, which can mimic Major Depression.

Since these adjustment reactions can develop into a major depression or anxiety disorder, follow-up and re-evaluation are necessary.

In the elderly, difficulties that may interfere with treatment include conflicts about dependency, prolonged or unresolved grief/loss and social isolation.
Identification & Treatment of Depression in Primary Care

Psychotropics
- Benzodiazepines
- Antipsychotics

Withdrawal Syndromes
- Cocaine
- Tranylcypromine (MAO Inhibitor)
- Fenfluramine

This is a partial list

- Source: Psychotherapy and Psychosomatics, Drug Induced Depression, 1997; 66:63-73

Medical Illness:
The close relationship of mind and body results in the presentation of medical illness with depression in various forms:
- Medical illnesses may be the cause of depression (e.g. hypothyroidism, stroke, sleep apnea)
- Medical illness may trigger a psychological reaction to prognosis, pain or disability (e.g. in a patient with cancer, diabetes)
- Medical illness may exist concomitantly in a patient with primary mood disorder.
- Untreated depression may interfere with recovery from comorbid condition.

Untreated depression may interfere with recovery from comorbid condition.
A past medical history, medication list (including over the counter and herbal remedies) and brief review of symptoms is generally sufficient to rule out medical disorders causing depression. Depression may be a side effect of many medications.

It is also important to evaluate for alcohol and/or substance abuse as this is very frequently a comorbid condition. The practitioner should administer the CAGE Questionnaire if indicated.

Alcohol dependence is likely if a patient gives 2 or more positive answers:
- Have you ever felt you should CUT down your drinking?
- Have people ANNOYED you by criticizing your drinking?
- Have you ever felt bad or GUILTY about your drinking?
- Have you ever had a drink first thing in the morning to steady your nerves to get rid of a hangover (EYE-opener)?

Perform a focused physical examination and laboratory testing as indicated by the review of systems. The benefit of screening laboratory tests including thyroid tests to evaluate depression in the absence of indicators of possible metabolic abnormalities has not been established.

Reliance on laboratory tests should be increased if:
- The medical review of systems detects symptoms of possible medical illness
- The patient is older
- The first depressive episode occurs after the age of 40
- The depression does not respond fully to routine treatment
- The depression is due to medications
- The depression is due to alcohol and/or substance abuse

4. Cultural Factors:
- Depression is more prevalent in women than men (almost 2:1 due to hormones)
- African Americans are treated less often than Caucasians, however they are 40% more likely to experience depression than Hispanics or Caucasians.
- African Americans may mistrust conventional treatment and prefer to discuss care with their pastor.
- Poverty and low socio economic status contribute to depression.

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6A. Major Depressive Episode
DSM-IV Criteria

To diagnose major depressive disorder, one of the following symptoms must be present:

Depressed mood: Loss of interest or pleasure in most activities most days

In addition, four of the following symptoms must be present for at least two weeks:

- Significant weight loss/gain
- Insomnia/hypersomnia
- Psychomotor agitation/retardation
- Impaired concentration or decisiveness
- Feelings of worthlessness or guilt
- Recurrent thoughts of death or suicide
- Fatigue or loss of energy

5. Address secondary causes and re-evaluate

6. Reasons for Consultation and Referral Consultation:

- The practitioner or patient wants a second opinion
- Practitioner unsure of diagnosis or treatment
- Patient’s co-morbid conditions raise medication dilemmas
- Patient not interested, not responding to, or noncompliant with medication

Referral to a Behavioral Health Practitioner

Urgent Referral:

- The patient is actively suicidal/homicidal (consider emergency department)

- The patient has acute psychotic features or bipolar depression

Routine Referral:

- The patient’s symptoms suggest a multiple complex psychiatric illness
- The patient does not respond fully to one or two medication trials
- The patient shows persistent psychosocial problems
- The patient has significant suicide risk factors (but not currently suicidal)
- The patient has a family history of suicide, and/or a family history of Bipolar Disorder (Manic Depressive Illness)
- The patient has a personal history of substance abuse

Communication

Effective, timely and confidential communications must be exchanged between medical practitioners and behavioral health practitioners.

7. Diagnose

- Refer to DSM-IV Criteria

The clinical interview is the most effective method for detecting Major Depression. Self-report scales cannot be solely used to formulate a diagnosis of depression. There is insufficient evidence to recommend for or against the routine use of questionnaires to screen for depression in asymptomatic primary care patients.
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8. Treatment

The following guidelines assume that a diagnosis of major depression has been made, and that guidelines for referral to a behavioral health practitioner have been reviewed.

Once the diagnosis is made, treatment should begin. There is strong evidence to show the benefit of medication as a first line treatment for moderate to severe major depression. There is evidence to support the use of psychotherapy as a first line treatment for mild to moderate major depression.

If psychotherapy is chosen, refer the patient to a behavioral health practitioner. If psychotherapy alone is used and there is no symptom improvement within six weeks, or if symptoms remain after 12 weeks, medication should be reconsidered. If the patient does not respond to routine treatment, re-evaluate history/physical.

Factors to consider when starting medication:
- severity of symptoms
- prior response to medication
- family history of depression and their medication responses
- patient age
- possible drug interaction
- presence of other psychiatric and general medical conditions
- incomplete response to psychotherapy alone

Important Things to Know:
- Comorbid depression with chronic medical illness worsens the medical prognosis
- Comorbid psychiatric disorder with depression is common. Examples include substance abuse, eating disorder and anxiety disorder
- Consider an EKG if the patient has thyroid or cardiac dysfunction, or is presently taking multiple medications. Special consideration should be made for those patients presently on antiarrhythmics, phenothiazines or sympathomimetics.

Treatment options should be discussed with the patient at the time of diagnosis and during treatment planning.

Compliance/Adherence:

Active participation by patients, along with patient education is essential for successful treatment. Patient compliance can be influenced by side effects and the patient’s ability to afford the prescribed medication.

The following information should be emphasized to your patients:

- Depression is a medical illness, not a weakness.
- Recovery is the rule, not the exception.
- Treatments are effective, and there are many options.
**Maintenance Treatment:** This is designed to prevent depression from recurring in patients with prior episodes. A full dose of medication can prevent a new episode and maintain effective stability in patients prone to recurrence.

**Assessing Progress**
- Reduce/remove presenting signs and symptoms’
- Absence of suicidal ideation
- Normalization of sleep patterns
- Restore occupational and psycho-social functioning

**The risk of recurrence is significant:**
- 50 percent after one episode
- 70 percent after two episodes
- 90 percent after three episodes

**Major causes of recurrence:**
- inadequate dose of medication
- insufficient duration of treatment

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**PHARMACOLOGICAL TREATMENT OF DEPRESSION**

Choose the first and second line of treatment from the following list:
- Previously effective agent
- Selective serotonin reuptake inhibitors (SSRIs), such as sertraline, paroxetine, fluoxetine, or citalopram
- Secondary amines, such as desipramine or nortriptyline
- Selective norepinephrine reuptake inhibitors (SNRIs) such as venlafaxine
- Others, such as bupropion, and mirtazapine

**Alternative agents:**
- Tertiary amine, tricyclic antidepressants (TCAS)

**Treatment choice may depend on the side effect profile of the medication**
Trazodone may be considered for sleep disturbance

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**Discontinuation Syndrome**

There are physical and psychological symptoms that often occur when abruptly stopping an antidepressant. These reactions usually start within a few days of stopping antidepressant therapy, usually resolve within two weeks, and are more common with longer courses of treatment. All these characteristics are short lived, may be suppressed by reintroduction of the antidepressant and are distinct from either relapse or reoccurrence of the primary disorder. Discontinuing antidepressant medication requires systematic tapering.

**Tricyclic Antidepressants:**
Gastrointestinal symptoms such as nausea, vomiting, abdominal cramps and diarrhea, general somatic distress such as headaches, lethargy and sweating; sleep disturbance, such as insomnia, excessive dreaming and nightmares; and affective symptoms, including anxiety, agitation and low mood.

**Selective Serotonin Reuptake Inhibitors:**
In addition to the symptoms listed above:
Balance and sensory abnormalities, dizziness, lightheadedness being the most common; numbness and the unusual sensation of electric shocks, particularly in the head, neck, upper limbs.

**Advise your patient not to stop taking their antidepressant abruptly.**

Using the mnemonic **FINISH** may help patients understand symptoms that may occur if an antidepressant is discontinued abruptly:
- Flulike symptoms
- Nausea
- Sensory Disturbance
- Insomnia
- Imbalance
- Hyperarousal (anxiety/agitation)

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## Antidepressant Fact Sheet

All antidepressants may be started at a lower dose to decrease side effects.

<table>
<thead>
<tr>
<th>Generic Name</th>
<th>Brand Name</th>
<th>Dosage Forms</th>
<th>Usual Daily Dose</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>SSRI’s</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Citalopram</td>
<td>Celexa</td>
<td>10, 20,40mg</td>
<td>20-60mg</td>
</tr>
<tr>
<td></td>
<td></td>
<td>++</td>
<td></td>
</tr>
<tr>
<td>Paroxetine</td>
<td>Paxil*</td>
<td>10,20,30,40mg</td>
<td>20-50mg</td>
</tr>
<tr>
<td></td>
<td></td>
<td>++</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Paxil CR</td>
<td>12.5, 25, 37.5mg</td>
<td>12.5-37.5mg</td>
</tr>
<tr>
<td>Sertraline</td>
<td>Zoloft</td>
<td>25, 50,100mg</td>
<td>50-200mg</td>
</tr>
<tr>
<td></td>
<td></td>
<td>++</td>
<td></td>
</tr>
<tr>
<td>Fluoxetine</td>
<td>Prozac*</td>
<td>10,20,40mg</td>
<td>20-60mg</td>
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<td></td>
<td></td>
<td>++</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>Prozac Time Release Capsule</td>
<td>90mg weekly</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>90mg weekly</td>
</tr>
<tr>
<td>Escitalopram</td>
<td>Lexapro</td>
<td>5,10,20mg</td>
<td>10-20mg</td>
</tr>
<tr>
<td></td>
<td></td>
<td>++</td>
<td></td>
</tr>
<tr>
<td><strong>Others</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bupropion**</td>
<td>Wellbutrin*</td>
<td>75,100mg</td>
<td>225-450mg</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Wellbutrin SR*</td>
<td>100,150mg</td>
<td>150-400mg</td>
</tr>
<tr>
<td></td>
<td>Wellbutrin XL</td>
<td>150, 300mg</td>
<td>300-450mg</td>
</tr>
<tr>
<td><strong>SNRIs</strong></td>
<td></td>
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<tr>
<td>Venlafaxine</td>
<td>Effexor</td>
<td>25,37.5,50,75,100mg</td>
<td>75-375mg</td>
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<tr>
<td></td>
<td>Effexor XR</td>
<td>37.5mg,75,150mg</td>
<td>75-225mg</td>
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<tr>
<td>Mirtazapine</td>
<td>Remeron*</td>
<td>15,30,mg</td>
<td>15-45mg</td>
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<tr>
<td></td>
<td>Remeron SoluTabs</td>
<td>15, 30, 45mg</td>
<td>15-45mg</td>
</tr>
<tr>
<td><strong>Tricyclics</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Amitriptyline</td>
<td>Elavil*</td>
<td>10,25,50,75,100,150 mg</td>
<td>75-300mg</td>
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<tr>
<td>Desipramine</td>
<td>Norpramine*</td>
<td>10,25,50,75,100,150mg</td>
<td>75-300mg</td>
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<tr>
<td>Doxepin</td>
<td>Sinequan*</td>
<td>10,25,50,75,100,150mg</td>
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<tr>
<td>Imipramine</td>
<td>Tofranil*</td>
<td>10,25,50mg</td>
<td>75–300mg</td>
</tr>
<tr>
<td>Nortriptyline</td>
<td>Pamelor*</td>
<td>10,25,50,75mg</td>
<td>50-150mg</td>
</tr>
</tbody>
</table>

For a full range of drug interactions and side effects, see the Physician’s Desk Reference (PDR). Some medications may cause excessive weight gain and sexual problems, which may be substantial.

**Do not use Sarafem with Prozac, as both are Fluoxetine.**

* Available in Generic

**Bupropion is contraindicated in patients with history of seizures or eating disorders, and should be used with caution with agents that lower seizure threshold. Do not use Zyban with Wellbutrin, as both are bupropion.**

***FDA Issues Public Health Advisory on Antidepressant Use: On March 22, 2004 the FDA asked manufacturers to add a warning statement indicating the possibility of worsening depression or emergence of suicidal tendencies in adults and pediatric patients on the labels of the following drugs*:***

- **Celexa® (citalopram)**
- **Effexor® (venlafaxine)**
- **Lexapro® (Escitalopram)**
- **Luvox® (fluvoxamine)**
- **Paxil® (paroxetine)**
- **Prozac® (fluoxetine)**
- **Remeron® (mirtazapine)**
- **Serzone® (nefazodone)**
- **Wellbutrin® (bupropion)**
- **Zoloft® (sertraline)**

*Prescribers should carefully monitor patients on the above medications especially at the beginning of treatment or when doses are adjusted.

References:  [www.fda.gov/cder/drug/antidepressants](http://www.fda.gov/cder/drug/antidepressants)
REFERENCES


3. Schwenk, Thomas L., *Screening for Depression in Primary Care*, A Disease in Search of a Test; University of Michigan, Ann Arbor; JGIM Editorials; Vol 11, July 1996

4. Spitzer, MD, Robert L, Kroenke MD, Williams DS, Janet B. W., Patient Health Questionnaire Primary Study Group; *Validation and Utility of a Self-report Version of Prime-MD*; JAMA, November 10, 1999 – Vol 282, No. 18

Thompson, MD, Chris, Professor of Psychiatry, University of Southampton, Southampton, UK; *Discontinuation of Antidepressant Therapy: Emerging Complications and Their Relevance*. Journal of Clinical Psychiatry, October 1998, 59:10

6. Whooley MA, Avins AL, Miranda J, Browner WS. Two questions were as good as more questions for detecting depression; *Case-finding Instruments for Depression*. J Gen Intern Med. 1997 Jul; 12:439-45

7. Zamerow, MD; MPH, Douglas B, U.S. Preventive Services Task Force; *Screening for Depression*; Guide to Clinical Preventative Services, Second Edition Mental Disorders and Substance Abuse


PATIENT HEALTH QUESTIONNAIRE (PHQ-9)

NAME: ___________________________  DATE: ______________

Over the last 2 weeks, how often have you been bothered by any of the following problems? (use “√” to indicate your answer)

<table>
<thead>
<tr>
<th>Problem</th>
<th>Not at all</th>
<th>Several days</th>
<th>More than half the days</th>
<th>Nearly every day</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Little interest or pleasure in doing things</td>
<td></td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>2. Feeling down, depressed, or hopeless</td>
<td></td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>3. Trouble falling or staying asleep, or sleeping too much</td>
<td></td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>4. Feeling tired or having little energy</td>
<td></td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>5. Poor appetite or overeating</td>
<td></td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>6. Feeling bad about yourself – or that you are a failure or have let yourself or your family down</td>
<td></td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>7. Trouble concentrating on things, such as reading the newspaper or watching television</td>
<td></td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>8. Moving or speaking so slowly that other people could have noticed. Or the opposite – being so fidgety or restless that you have been moving around a lot more than usual</td>
<td></td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>9. Thoughts that you would be better off dead, or of hurting yourself in some way</td>
<td></td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
</tbody>
</table>

Add Columns: + + +

(Healthcare professional: For interpretation of TOTAL, please refer to accompanying scoring card).

TOTAL:

10. If you checked off any problems, how difficult have these problems made it for you to do your work, take care of things at home, or get along with other people.

   Not difficult at all  _________
   Somewhat difficult  _________
   Very difficult  _________
   Extremely difficult  _________
PHQ-9 SCORING CARD FOR SEVERITY DETERMINATION
for healthcare professional use only

Scoring – add up all checked boxes on PHQ-9

For every “√”:
Not at all = 0; several days = 1; more than half the days = 2; nearly every day = 3

Interpretation of Total Score

<table>
<thead>
<tr>
<th>Total Score</th>
<th>Depression Severity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-4</td>
<td>Minimal depression</td>
</tr>
<tr>
<td>5-9</td>
<td>Mild depression</td>
</tr>
<tr>
<td>10-14</td>
<td>Moderate depression</td>
</tr>
<tr>
<td>15-19</td>
<td>Moderately severe depression</td>
</tr>
<tr>
<td>20-27</td>
<td>Severe depression</td>
</tr>
</tbody>
</table>

To monitor severity over time for newly diagnosed patients
or patients in current treatment for depression:

1. Patients may complete questionnaires at baseline and at regular intervals (e.g., every 2 weeks) at home and bring them in at their next appointment for scoring or they may complete the questionnaire during each scheduled appointment.

2. Add up √s by column. For every √:
   “Several days” = 1; “More than half the days” = 2; “Nearly every day” = 3

3. Add together column scores to get a TOTAL score.

4. Refer to the accompanying PHQ-9 Scoring Card to interpret the TOTAL score.

5. Results may be included in patients’ files to assist you in setting up a treatment goal, determining degree of response, as well as guiding treatment intervention.
Understanding Major Depression

What is Major Depression? Depression is an illness that affects the way you think and act as well as the way you feel. Being overwhelmed by the problems in your life and fixating on these problems, can cause changes in the chemistry of your nervous system, which can interfere with your daily activities and relationships at home and at work.

How do I know if I am suffering from major depression? You should talk to your physician if you’ve had problems sleeping, if your eating habits have changed, or if you are losing interest in things you’ve always enjoyed in the past. You may have a difficult time concentrating or remembering things. You may be tired more often and you may have thoughts of death or suicide. Frequent outbursts of anger or sadness are also symptoms of depression.

How does my physician make a diagnosis of depression? The best way to find if you are suffering from depression is to discuss your symptoms with your physician. He or she will ask you certain questions about how you’ve been feeling, or ask you to complete a questionnaire that can help in making an accurate diagnosis.

What causes Major Depression? Changes like menopause or childbirth, changes in medication, major surgery or illness, or an event such as the loss of a loved one can trigger depression. Sometimes depression seems to appear suddenly, with no apparent reason. Many depressed people can recall a family member who has been affected by the illness. People who are depressed may abuse alcohol or drugs to avoid the feelings of depression but alcohol and drug abuse make the depression worse.

What is the treatment for Major Depression? The most common ways to treat depression are with antidepressant medication, counseling, or a combination of both. The choice of treatment depends on how severe your symptoms are, your medical history, and what you think will work best for you. Your physician can help you decide which treatment option is the best for you.

If your physician starts you on antidepressant medication, it is very important for you to see your physician at least 3 times within the first three months. Your physician will monitor your progress and watch for any possible side effects of the medication. Antidepressant medication must be taken every day to work properly. It may take two to four weeks before the medication begins to work, and up to eight weeks for the medication to reach full effect. Many people suffering from depression remain on the medication for nine to twelve months before the physician begins to decrease the dosage. Please remember: you should never stop taking
medication without talking to your physician. If you are planning on becoming pregnant, talk to your physician about the best medication for you to take during your pregnancy.

**Should your physician refer you to a Mental Health Expert?** Your physician may wish to consult a psychiatrist, psychologist or psychiatric social worker that is a specialist in mental health care. This may help your physician to clarify the diagnosis, or determine the best treatment for you. An *urgent* referral is required if you are having thoughts of harming yourself or others.

**What else can I do?** Talk to someone you trust. When someone believes in you, it’s easier to believe in yourself. Find a support partner to help you speed up your recovery. This partner should be someone you know, trust and can count on – a family member or close friend who can understand your feelings and remind you of your value and strengths.

♦ **Remember:** It is very important to immediately tell your physician if at any time you are having thoughts about harming yourself or others.
Lo que debe saber sobre depresión severa

¿Cómo puedo saber si estoy sufriendo de una depresión severa? Si tiene problemas para dormir, ha notado cambios en sus hábitos de comida o falta de interés en cosas que siempre disfrutaba en el pasado, usted debería hablar con su médico. Quizás tenga dificultad para concentrarse o recordar cosas. O se siente cansado con frecuencia y tiene pensamientos sobre la muerte o el suicidio. Éstos, y también frecuentes explosiones de ira o tristeza pueden ser síntomas de depresión.

¿Cómo puede diagnosticar mi médico la depresión? La mejor forma de saber si está sufriendo una depresión es discutir sus síntomas con el médico. Él o ella le hará preguntas en relación a como se siente, o le pedirá que complete un cuestionario que le ayudará a hacer un diagnóstico certero.

¿Qué causa una depresión severa? Cambios como la menopausia o dar a luz, un cambio de medicamento, una operación quirúrgica o enfermedad sería, o un evento como la muerte de un ser querido pueden provocar una depresión. A veces la depresión aparece repentinamente y sin motivo aparente. Muchas personas deprimidas recuerdan que hay un miembro de su familia que padece esa enfermedad. Las personas con depresión beben a veces alcohol en exceso o usan drogas para no sentirse deprimidas pero éstos empeoran la depresión.

¿Cuál es el tratamiento para la depresión severa? La forma más común de tratar la depresión es con medicamentos antidepresivos, terapia o la combinación de ambos. El tratamiento varía de acuerdo con la gravedad de sus síntomas, su historia médica y lo que usted piensa que será mejor para usted. Su médico puede ayudarle a decidir qué tratamiento es el indicado para usted.

Si su médico lo pone en un tratamiento de medicamentos antidepresivos, es muy importante que usted vea al médico por lo menos 3 veces en el transcurso de los primeros tres meses. El médico controlará su progreso y vigilará si aparece alguno de los posibles efectos secundarios del medicamento. Los medicamentos antidepresivos deben tomarse todos los días para que actúen correctamente. Y pueden demorar de dos a cuatro semanas en comenzar a hacer efecto, y hasta ocho semanas en alcanzar el efecto completo. Muchas personas que sufren de depresión permanecen medicadas de nueve a doce meses antes de que el médico comience a disminuirlas la dosis. Por favor recuerde: usted no debe interrumpir nunca la medicación sin hablar con su médico. Si usted está tratando de quedar embarazada, hable con su médico para que le recomiende la medicación que le conviene tomar durante el embarazo.

¿Debe su médico hacer un referido para que consulte a un especialista en salud mental? Es posible que su médico consulte a un psiquiatra, psicólogo o trabajador social psiquiátrico que sea un especialista en el cuidado de la salud mental. Esto podría aclararle a su médico el
diagnóstico, y ayudarle a determinar cual es el mejor tratamiento para usted. Un referido *urgente* deberá hacerse si usted tiene pensamientos sobre lastimarse a sí mismo o a otros.

¿Qué otra cosa puedo hacer? Hable con una persona de su confianza. Saber que alguien cree en usted, le puede ayudar a creer en sí mismo-autoestima. Busque un compañero que le ayude a acelerar su recuperación. Este compañero debe ser alguien que usted conoce, en quien puede confiar y con quien puede contar, un miembro de la familia o un amigo cercano que entiende sus sentimientos y puede hacerle apreciar sus valores y fortalezas.

♦ Recuerde: Es muy importante que le comunique a su médico si en algún momento se le cruzan por la mente pensamientos sobre hacerse daño a sí mismo u otros.