

ANTIPSYCHOTIC SIDE EFFECT SHEET

(pink sheet, addendum to the care plan)

Trade Name	Generic Name	Adult / SOM Maximum Dose (mg)	Structural Classification	Symptom Pos/Neg
Abilify	aripiprazole	30 / 10	atypical	P+N
Clozaril	clozapine	900 / 50	dibenzodiazepine	P+N
Compazine	prochlorperazine	150 / 10	phenothiazine	P
Etrafon/Triavil	perphenazine\amitriptyline	64 / 8	piperazine pheno	P
Fanapt	lloperidone	24 / ?	benzisoxazole	P+N
Geodon	ziprasidone	160 / -	atypical	P+N
Haldol	haloperidol	100 / 4	butyrophenone	P
Inapsine	droperidol	10 / 5	butyrophenone	P
Invega	paliperidone	12 / 12	atypical	P+N
Loxitane	loxapine	250 / 10	dibenzoxapine	P
Mellaril	thioridazine	800 / 75	piperidine pheno	P
Moban	molindone	225 / 10	dihydroindolone	P
Navane	thiothixene	60 / 7	thioxanthine	P
Orap	pimozide	10 / -	butyrophenone	P
Phenergan	promethazine	50 / -	phenothiazine	P
Prolixin / Permitil	fluphenazine	40 / 4	piperazine pheno	P
Risperdal	risperidone	16 / 2	benzisoxazole	P+N
Saphris sub-lingual	Asenapine	20 / -	dibenzo-oxepino pyrrole	P+N
Serentil	mesoridazine	400 / 25	piperidine pheno	P
Seroquel	quetiapine	800 / 150	dibenzothiazepine	P+N
Sparine	promazine	300 / 150	aliphatic pheno	P
Stelazine	trifluoperazine	80 / 8	piperazine pheno	P
Thorazine	chlorpromazine	1000 / 75	aliphatic pheno	P
Tindal	acetophenazine	120 / -	phenothiazine	P
Trilafon	Perphenazine	64 / 8	piperazine pheno	P
Vesprin	triflupromazine	150 / 20	piperazine pheno	P
Zyprexa	olanzapine	20 / 7.5	tjiendibenzodiazepine	P+N

□ **Extrapyramidal effects (EPS, EPR) - reversible**

Akinesia - lack or poverty of movement

Akathisia - inability to remain still, constant movement or fidgeting, insomnia, "inner anxiety"

Dyskinesia - jerking or spastic movement of the arm, eye, face, leg, neck, or torso

Dystonia - altered posture, shift in body alignment, muscle cramping

Oculogyric crisis - backward rolling of the eyes

Opisthonous - spasms of the back muscles causing bending of the torso, often painful

Parkinsonism - resting tremor, mask-like facies, shuffling gait, drooling, slowness of movement, lack of arm swing, pill rolling, lead-pipe or cogwheel rigidity, balance disturbances, a "running" walk,

Pisa syndrome – leaning to one side

Rabbit syndrome – fine tremor of lower lip

Torticollis – twisting movement of the neck

Treatment: Dosage reduction of the antipsychotic, change to another antipsychotic, anticholinergic or antiparkinsonian agents (trihexyphenidyl (Artane), benzotropine (Cogentin), diphenhydramine (Benadryl), amantadine (Symmetrel). Emergency – Benadryl I.M.

□ **Denervation supersensitivity** – often irreversible

Tardive dyskinesia – involuntary movement of the tongue, jaw, lips, neck, or extremities. "fly catching" tongue movements, facial grimaces, sucking or smacking of lips, swallowing or chewing difficulty

Treatment: Remove or reduce antipsychotic agent (if feasible), change to newer atypical antipsychotic agents. Investigational: Clozaril, Vitamin E. Last resort: increase antipsychotic to mask symptoms.

□ **Neuroleptic malignant syndrome** – emergency situation

Single or combination occurrence of the following: irregular pulse or blood pressure (autonomic dist.), EPS, hyperthermia, rigidity, altered mental status, catatonia, acute respiratory+renal failure

Treatment: Emergency room, support for autonomic symptom

□ **Orthostatic hypotension**

Treatment: Antipsychotic dosage reduction, Florinef, ephedrine, ProAmatine, Prozac, Parnate, Epogen, DHE

• **Metabolic disorders** - hyperglycemia, hyperlipidemia, weight gain

• **Vascular disorders** - 2% increase in risk for stroke, heart attack in demented elderly

Although the causes of death were varied, most of the deaths appeared to be either cardiovascular (e.g., heart failure, sudden death) or infectious (e.g., pneumonia) in nature

- DIAGNOSES -

schizophrenia, schizoaffective, bipolar, depression, delusional disorder, psychotic mood disorder
acute psychotic disorder, brief reactive psychosis, schizophreniform, atypical psychosis, Tourette's, Huntington's, organic
mental syndromes, nausea, hiccups, ADD, delirium, migraine, mania

ANTIDEPRESSANT SIDE EFFECT SHEET

(pink sheet, addendum to the care plan)

Category	Trade Name	Generic Name	Adult Maximum Dose(mg)	OBRA High-risk
SSRI	Celexa	citalopram	60	
	Lexapro	escitalopram	20	
	Luvox	fluvoxamine	300	
	Paxil	paroxetine	60	X
	Prozac	fluoxetine	80	
SNRI	Zoloft	sertraline	200	
	Cymbalta	duloxetine	120	
	Effexor	venlafaxine	375	
Serotonin antagonist	Pristiq	desvenlafaxine	400	
	Desyrel	trazodone	600	
NE negative feedback antagonist	Serzone	nefazodone	600	
	Remeron	mirtazepine	45	
Dopamine reuptake inhibitor	Wellbutrin	bupropion	450	
Cyclic	Adapin	doxepin	300	X
	Anafranil	clomopramine	250	X
	Asendin	amoxapine	400	
	Aventyl	nortriptyline	150	X
	Elavil	amitriptyline	300	X
	Etrafon	amitriptyline\perphenazine	200 / 32	X
	Limbitrol	amitriptyline\chlordiazepoxide	150 / 60	X
	Ludiomil	maprotiline	300	
	Norpramin	desipramine	300	X
	Pamelor	nortriptyline	150	X
	Pertofrane	desipramine	300	X
	Sinequan	doxepin	300	X
	Surmontil	trimipramine	300	X
	Tofranil	imipramine	300	X
	Triavil	amitriptyline\perphenazine	200 / 32	X
	Vivactil	protriptyline	30	X
	MAOI	Marplan	isocarboxazid	60
Nardil		phenelzine	90	
Parnate		tranylcypromine	60	
Stimulant	Adderall	amphetamine	60	
	Cylert	pemoline	112	
	Provigil	modafinil	500	
	Dexedrine	dextroamphetamine	60	
	Ritalin	methylphenidate	60	

- SIDE EFFECTS -

- **SSRI** – excitement, nervousness, anxiety, tremor, sweating, dizziness, lightheadedness, anorexia, nausea, small initial and withdrawal weight loss, long-term weight gain, seizure
- **SNRI, serotonin agonist**
 Desyrel: fatigue, muscle pain, headache, confusion, orthostatic hypotension, drowsiness, dizziness
 Effexor: headache, nervousness, somnolence, insomnia, anorexia, diaphoresis, dry mouth, constipation,
 Remeron: somnolence, increased appetite, dry mouth, myalgia, edema, dyspnea, constipation
 Serzone: appetite stimulation, diarrhea, headache, nausea/vomiting, confusion,
 Wellbutrin: headache, seizures, insomnia, sedation, tachycardia, auditory disturbances, dry mouth, constipation, nausea, anorexia, vomiting, weight loss or gain, diaphoresis
- **Cyclic** – anticholinergic (dry mouth, blurred vision, urinary retention, constipation), confusion, sedation, tachycardia, postural hypotension, seizure
- **MAOI** - hypertensive crisis (tyramine interaction – Chianti wine, aged cheeses, soy sauce, sour cream, chocolate, sausages, dried fish, avocados, bananas, yeast, alcohol, caffeine, and sympathomimetics phenylpropanolamine, ephedrine, pseudophedrine)).
- **Stimulant** – excitement, wakefulness, tachycardia, insomnia, nervousness, drowsiness, stomach pain, suicidal ideation

Serotonin Syndrome – Symptom: confusion, agitation, hypomania, anxiety, coma, sinus tachycardia, hypertension hypotension, nausea, diarrhea, abdominal pain, motor abnormalities, myoclonus, hyperreflexia, muscle rigidity, restlessness, tremor, ataxia/incoordination, shivering, nystagmus, seizures, diaphoresis, unreactive pupils, tachypnea, hyperpyrexia

- DIAGNOSES -

Depression, obsessive-compulsive disorder, eating disorders, anxiety, borderline personality disorder, orthostatic hypotension, autism, enuresis, fibromyalgia, peripheral neuropathy, obesity, PMS, migraine

Black-Box Warning: Increased risk of suicide in persons < 25 years of age.

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ANXIOLYTIC SIDE EFFECT SHEET

(pink sheet, addendum to the care plan)

<i>Trade Name</i>	<i>Generic Name</i>	<i>Category</i>	<i>Adult / SOM Maximum dose</i>	<i>OBRA high-risk</i>
Atarax	hydroxyzine HCl	antihistamine	400 / 50	X
Ativan	lorazepam	benzodiazepine	10 / 2	
Benadryl	diphenhydramine	antihistamine	300 / 50	X
Buspar	bupirone	azaspirodecanedione	60 / -	
Butisol	butabarbital	barbiturate	100 / -	X
Centrax	prazepam	benzodiazepine	30 / 15	X
Doral	quazepam	benzodiazepine	15 / 7.5	X
Klonopin	clonazepam	benzodiazepine	8 / 1.5	
Librium	chlordiazepoxide	benzodiazepine	100 / 20	X
Luminal	phenobarbital	barbiturate	200 / -	X
Paxipam	halazepam	benzodiazepine	160 / 40	X
Prosom	Estazolam	Benzodiazepine	2 / 0.5	X
Serax	oxazepam	benzodiazepine	90 / 30	
Tranxene	chlrazepate	benzodiazepine	60 / 15	X
Valium	diazepam	benzodiazepine	60 / 5	X
Vistaril	hydroxyzine pamoate	antihistamine	400 / -	X
Xanax	alprazolam	benzodiazepine	10 / 0.75	

- SIDE EFFECTS -

- Benzodiazepines** – sedation, drowsiness, dizziness, confusion, headache, incontinence, psychomotor agitation, irritability, paradoxical excitation, delirium, ataxia, addiction
- Buspirone** - drowsiness, dizziness, confusion, headache, tremor, urinary retention,
- Antihistamines** – anticholinergic (dry mouth, blurred vision, urinary retention, constipation), sedation, restlessness, photosensitivity
- Barbiturates** – anxiety, depression, dizziness, drowsiness, weakness, physical dependence, irritability

- DIAGNOSES -

anxiety, panic disorder, generalized anxiety disorder, panic disorder, simple phobia, post-traumatic disorder, anxiety associated with depressive symptoms, anxiety not otherwise specified, organic mental syndromes

Name: _____

MOOD STABILIZER SIDE EFFECT SHEET

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<i>Trade</i>	<i>Generic</i>	<i>Adult \ Geriatric Maximum Dose (mg)</i>
Catapres	clonidine	2.4
Calan, Isoptin	verapamil	540
Depakene, Depakote	valproic	3000
Felbatol	felbamate	3600
Gabitril	tigabine	56
Inderal	propranolol	320
Isoptin	verapamil	480
Keppra	levetiracetam	3000
Klonopin	clonazepam	20\8
Lamictal	lamotrigine	500
Lithobid, Eskalith	lithium	2400
Mysoline	primidone	1500
Nalorex, ReVia, Trexan	naltrexone	150
Neurontin	gabapentin	3600
Serpasil	reserpine	1
Tegretol	carbamazepine	1600
Topamax	topiramate	1000
Trileptal	oxcarbazepine	2400
Zarontin	ethosuximide	1500
Zonegran	Zonisamide	600

- SIDE EFFECTS -

- Anticonvulsants** – fatigue, somnolence, dizziness, ataxia, tremor, incoordination, sedation, hepatic enzyme elevations, blood dyscrasia, confusion, myalgia, increased appetite
- Antihypertensives** – hypotension, bradycardia, dizziness, falls,
- Benzodiazepines** – sedation, drowsiness, dizziness, confusion, headache, incontinence, psychomotor agitation, irritability, paradoxical excitation, delirium, ataxia, addiction
- Lithium** – nausea, vomiting, taste disturbance, confusion,

Black-Box warnings:

Depakote/valproic acid: Hepatic failure and pancreatitis resulting in fatalities has occurred in patients receiving valproic acid and its derivatives. Serious or fatal hepatotoxicity may be preceded by non-specific symptoms such as malaise, weakness, lethargy, facial edema, anorexia, and vomiting.

Lamictal: Serious rashes requiring hospitalization and discontinuation of treatment have been reported.

Tegretol: Aplastic anemia and agranulocytosis have been reported.

DIAGNOSES -

Schizophrenia, schizoaffective, bipolar, major depression, delusional disorder, psychotic mood disorder acute psychotic disorder, brief reactive psychosis, schizophreniform, atypical psychosis, Tourette's, Huntington's, organic mental syndromes, nausea, hiccups, ADD, delirium, migraine, mania, peripheral neuropathy, diabetic neuropathy,

Name: _____