



Preferred Drug List

NEW DRUG REVIEW

Proprietary Name: Emsam®

Common Name: Selegiline Transdermal System

PDL Category: Antidepressants - MAO Inhibitors

<u>Comparable Products</u>	<u>Preferred Drug List/ Recommended Drug List Status</u>
Nardil®	Recommended
Parnate®	Recommended

Summary

Indications and Usage: Treatment of major depressive disorder in adults

Dosage Forms: Transdermal patch; 6mg/24 hours, 9mg/24 hours, 12mg/24 hours

Recommended Dosage: Recommended starting dose is one 6mg/24 hour patch applied to dry, intact skin on the upper torso, upper thigh, or the outer surface of the upper arm once every 24 hours.

Common Adverse Drug Reactions: Application site reaction, headache, insomnia, diarrhea, dry mouth

Contraindications: Known hypersensitivity to selegiline, concurrent use of SSRIs, SNRIs, TCAs, bupropion, meperidine, tramadol, methadone, propoxyphene, dextromethorphan, St. John's wort, mirtazapine, and cyclobenzapine.

Manufacturer: Bristol-Myers Squibb Co.

Analysis: Emsam® is the first FDA approved transdermal patch used for the treatment of major depressive disorder in adults. While use of MAOIs has decreased with the introduction of newer antidepressants with fewer drug and dietary interactions, the matrix-type transdermal delivery of selegiline results in a more selective inhibition of MAO. Emsam® bypasses the GI tract resulting in less inhibition of MAO-A. For only the lowest 6mg/24 hr dose, this results in less of a need for tyramine restrictions in the diet and fewer systemic side effects. Other oral formulations of MAO Inhibitors are on the RDL as Recommended products that are more cost effective than Emsam®. There are no studies comparing selegiline with any other antidepressant. If SSRIs are typically first line therapies, with bupropion and the SNRIs representing the second tier, then Emsam® would be considered a third line agent for atypical and resistant depression.

IME Recommendation:

<input type="checkbox"/> Preferred Drug	<input type="checkbox"/> Recommended Drug
<input type="checkbox"/> Non-Preferred Drug	<input checked="" type="checkbox"/> Non-Recommended Drug
<input type="checkbox"/> Preferred Drug with Conditions	