

## Special Considerations if Taking Azilect, Eldepryl, Selegiline or Selgene

These medications must not be taken in combination

Medication	Interaction
Pethidine	Risk of serotonin syndrome <sup>#</sup> and other potentially life-threatening reactions
Tramadol	Risk of serotonin syndrome <sup>#</sup> and other potentially life-threatening reactions
SSRIs	Risk of serotonin syndrome <sup>#</sup> and other potentially life-threatening reactions
Dextromethorphan (cough suppressant)	Risk of serotonin syndrome <sup>#</sup>
Moclobemide	Increased risk of raised blood pressure
Tricyclic anti-depressants	Risk of serotonin syndrome <sup>#</sup> and other potentially life-threatening reactions
Clozapine	Risk of serotonin syndrome <sup>#</sup> and other potentially life-threatening reactions
St John's Wort	Risk of serotonin syndrome <sup>#</sup>
Ciprofloxacin (antibiotic)	Risk of increased levels of Azilect
Norfloxacin (antibiotic)	Risk of increased levels of Azilect

<sup>#</sup>Serotonin syndrome is a potentially fatal condition which can present as increased temperature, shivering, changes in mental status, raised blood pressure, restlessness and muscle twitching (myoclonus).

### If you are contemplating surgery

- Talk to your doctor and anaesthetist before surgery and give them a current list of your medications;
- If admitted to hospital give staff a copy of your medication list and this leaflet.

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## Medications to be Used with Caution for People with Parkinson's

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Parkinson's is a progressive neurological condition characterised by tremor, stiffness, slowness of movement and postural instability. The symptoms are primarily due to depletion, in the brain, of the neurotransmitter dopamine. This leads to an imbalance with other neurotransmitters. The majority of medications used to treat Parkinson's aim to replace or increase the levels of dopamine within the brain.

Many medications used in the treatment of other medical conditions have the potential to alter or interfere with the brain's dopamine system and may be overlooked as having a detrimental effect on Parkinson's.

It is important to consider the possibility that treatment of other medical conditions may cause or exacerbate existing Parkinson's symptoms.

### **YOUR DOCTOR MAY DECIDE THE USE OF THESE MEDICATIONS IS JUSTIFIED**

This leaflet provides information on those medications that most commonly cause problems for people with Parkinson's. It is not an exhaustive list and therefore a doctor or pharmacist must be consulted before any medications are taken by people with Parkinson's. This includes complementary medicines or medicines available 'over the counter' at pharmacies, health food stores and supermarkets.

This leaflet focuses on medication interactions and medications that are known to worsen the symptoms of Parkinson's. This brochure refers to medications available in Australia. Please note that overseas these medications may be known by different trade names.

Throughout the leaflet, brand names are in **bold italics**.

## Medications Associated with Interactions or Worsening of Parkinson's Symptoms

### Antiemetics (Used for nausea and vomiting)

<i>Maxolon, Pramin</i>	Metoclopramide
<i>Stemetil, Stemizine, Nausestil</i>	Prochlorperazine

### Antihistamines (Used for colds and hayfever)

<i>Phenergan, Avomine, Fenezal</i>	Promethazine
<i>Vallergan, Vallergan Forte</i>	Trimeprazine

### Antidepressants (Used for depression)

#### Monoamine oxidase inhibitors (MAOIs)

<i>Nardil</i>	Phenelzine
<i>Parnate</i>	Tranylcypromine
<i>Amira, Aurorix, Clobemix</i>	
<i>Mohexal</i>	Moclobemide

#### Tricyclic and Tetracyclic anti-depressants

<i>Anafranil, Placil</i>	Clomipramine
<i>Dothep, Prothiaden</i>	Dothiepin
<i>Deptran, Sinequan</i>	Doxepin
<i>Tofranil, Tolerade</i>	Imipramine
<i>Allegron</i>	Nortriptyline
<i>Lumin, Tolvon</i>	Mianserin
<i>Surmontil</i>	Trimipramine

#### Selective Serotonin Reuptake Inhibitors (SSRIs) and Serotonin-Noradrenaline Reuptake Inhibitors (SNRIs)

<i>Cipramil, Ciazil, Citalobell, Talam, Celapram</i>	Citalopram
<i>Lexapro, Esitalo, Lexam, Esipram, Loxalate</i>	Escitalopram
<i>Luvox, Faverin, Movox, Voxam</i>	Fluvoxamine
<i>Lovan, Prozac, Fluohexal</i>	Fluoxetine
<i>Zactin, Auscap, Fluoxebell</i>	Fluoxetine
<i>Edronax</i>	Reboxetine

THE FOLLOWING MEDICATIONS FROM THE ABOVE GROUP ARE COMMONLY UTILISED UNDER SPECIALIST SUPERVISION IN PARKINSON'S

<i>Aropax, Paxtine, Extine</i>	Paroxetine
<i>Avanza, Axit, Mirtazon, Avanza SolTab</i>	Mirtazapine
<i>Efexor - XR, Efexor</i>	Venlafaxine
<i>Zoloft, Xydep, Eleva, Concorz</i>	Sertraline
<i>Sertra, Setrona</i>	

## Antipsychotics (Used for sedation and treatment of hallucinations)

<i>Serenace</i>	Haloperidol
<i>Neulactil</i>	Pericyazine
<i>Largactil</i>	Chlorpromazine
<i>Fluanxol</i>	Flupenthixol
<i>Modecate</i>	Fluphenazine
<i>Orap</i>	Pimozide
<i>Navane</i>	Thiothixene
<i>Stelazine</i>	Trifluoperazine
<i>Clopixol</i>	Zuclopenthixol
<i>Risperdal, Rispa, Ozidal, Rixadone</i>	Risperidone

THE FOLLOWING MEDICATIONS ARE COMMONLY UTILISED UNDER SPECIALIST SUPERVISION IN PARKINSON'S

<i>Clozaril, Clopine</i>	Clozapine
<i>Seroquel</i>	Quetiapine
<i>Zyprexa, Zyprexa Zydis</i>	Olanzapine

## Cardiovascular (Used for heart conditions and blood pressure)

THE MEDICATIONS IN THIS GROUP ARE UNDER CONSTANT DEVELOPMENT THEREFORE IT IS VITAL THAT THE PRESCRIBING DOCTOR IS AWARE OF PARKINSON'S AS A DIAGNOSIS AND THAT THERE IS A RISK OF LOW BLOOD PRESSURE DUE TO PARKINSON'S. THE MEDICATIONS USED IN THE TREATMENT OF PARKINSON'S CAN OFTEN CAUSE A LOWERING OF BLOOD PRESSURE UPON STANDING.

AVOID: METHYLDOPA. CAUTION WITH CALCIUM CHANNEL ANTAGONISTS, ACE INHIBITORS, ANGIOTENSION II BLOCKERS AND IMDUR.

## Other medications to be used with caution include

<i>Buspar</i>	Buspirone
<i>Dilantin</i>	Phenytoin
<i>Lithicarb, Quilonum SR</i>	Lithium
<i>Tetrabenazine</i>	Tetrabenazine
<i>Clorprax, Prexaton, Zyban SR</i>	Bupropion

## Special Considerations if Apomorphine (Apomine, Movapo) is Used to Manage Parkinson's

Nausea and vomiting are side effects of **Apomorphine**. Ondansetron (antiemetic) should not be used with **Apomorphine**.