












## Psychotropic drugs affected by smoking status

Drug	Effect of smoking on plasma levels		Action to be taken on stopping smoking	Action to be taken on (re)starting smoking
Benzodiazepines	 0 – 50%	Plasma levels reduced by 0-50%, dependent on drug and smoking status	<ul style="list-style-type: none"> <li>• Monitor closely</li> <li>• Consider reducing dose by up to 25% over one week</li> </ul>	<ul style="list-style-type: none"> <li>• Monitor closely</li> <li>• Consider re-starting 'normal' smoking dose</li> </ul>
Carbamazepine		Unclear, but smoking may reduce carbamazepine plasma levels to a small extent	<ul style="list-style-type: none"> <li>• Monitor for changes in severity of adverse effects</li> </ul>	<ul style="list-style-type: none"> <li>• Monitor plasma levels</li> </ul>
Chlorpromazine		Plasma levels reduced. Varied estimates of exact effect	<ul style="list-style-type: none"> <li>• Monitor closely</li> <li>• Consider dose reduction</li> </ul>	<ul style="list-style-type: none"> <li>• Monitor closely</li> <li>• Consider re-starting previous smoking dose</li> </ul>
Clozapine	 up to 50%	Reduces plasma levels by up to 50%. Plasma level reduction may be greater in those receiving valproate	<ul style="list-style-type: none"> <li>• Take plasma level before stopping</li> <li>• On stopping, reduce dose gradually (over a week) until around 75% of original dose reached (i.e. reduce by 25%)</li> <li>• Repeat plasma level one week after stopping</li> <li>• Anticipate further dose reductions</li> </ul>	<ul style="list-style-type: none"> <li>• Take plasma level before re-starting</li> <li>• Increase dose to previous smoking dose over one week</li> <li>• Repeat plasma level</li> </ul>
Duloxetine	 up to 50%	Plasma levels may be reduced by up to 50%	<ul style="list-style-type: none"> <li>• Monitor closely</li> <li>• Dose may need to be reduced</li> </ul>	<ul style="list-style-type: none"> <li>• Consider reintroducing previous smoking dose</li> </ul>
Fluphenazine	 up to 50%	Reduces plasma levels by up to 50%	<ul style="list-style-type: none"> <li>• On stopping, reduce dose by 25%</li> <li>• Monitor carefully over following 4-8 weeks</li> <li>• Consider further dose reductions</li> </ul>	<ul style="list-style-type: none"> <li>• On re-starting, increase dose to previous smoking dose</li> </ul>
Fluvoxamine	 1/3	Plasma levels decreased by around one-third	<ul style="list-style-type: none"> <li>• Monitor closely</li> <li>• Dose may need to be reduced</li> </ul>	<ul style="list-style-type: none"> <li>• Dose may need to be increased to previous level</li> </ul>
Haloperidol	 20%	Reduces plasma levels by around 20%	<ul style="list-style-type: none"> <li>• Reduce dose by around 10%</li> <li>• Monitor carefully</li> <li>• Consider further dose reductions</li> </ul>	<ul style="list-style-type: none"> <li>• On re-starting, increase dose to previous smoking dose</li> </ul>
Mirtazapine		Unclear, but effect probably minimal	<ul style="list-style-type: none"> <li>• Monitor</li> </ul>	<ul style="list-style-type: none"> <li>• Monitor</li> </ul>
Olanzapine	 up to 50%	Reduces plasma levels by up to 50%	<ul style="list-style-type: none"> <li>• Take plasma level before stopping</li> <li>• On stopping, reduce dose by 25%</li> <li>• After one week, repeat plasma level</li> <li>• Consider further dose reductions</li> </ul>	<ul style="list-style-type: none"> <li>• Take plasma level before re-starting</li> <li>• Increase dose to previous smoking dose over one week.</li> <li>• Repeat plasma level</li> </ul>
Tricyclic anti-depressants	 25 – 50%	Plasma levels reduced by 25-50%	<ul style="list-style-type: none"> <li>• Monitor closely.</li> <li>• Consider reducing dose by 10-25% over one week</li> <li>• Consider further dose reductions</li> </ul>	<ul style="list-style-type: none"> <li>• Monitor closely</li> <li>• Consider re-starting previous smoking dose</li> </ul>