

CEREBROSPINAL FLUID NEUROCHEMISTRY - MEDICATION EFFECTS

A list of all drugs being taken by the patient should be provided to the laboratory including any medication/anaesthesia for performing a lumbar puncture. The presence of certain drugs may be important in assessing CSF abnormalities, or it may be necessary to modify analysis conditions to avoid interference from various drugs and their metabolites.

The following drugs should be avoided for ten days prior to CSF collection.

Metabolic Intermediates

(Produce high levels of CSF amines and metabolites)

L-DOPA	3,4-DIHYDROXYPHENYLALANINE, MALDOPAR, SINEMET
5-HTP	5-HYDROXYTRYPTOPHAN

Mono-amine Oxidase Inhibitors

(Prevent formation of metabolites)

Selegiline	ELDEPRYL, SELGENE
Moclobemide	ARIMA, AURORIX
Tranylcypromine	PARNATE
Phenelzine	NARDIL

Catechol-O-Methyltransferase Inhibitors

(Prevent formation of metabolites)

Entacapone	COMTAN
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Re-uptake inhibitors

(May raise or lower amines and metabolites)

Fluoxetine	ZACTIN, AUSCAP, EROCAP, FLUOHEXAL, LOVAN, PROZAC, ZACTIN
Citalopram	CIPRAMIL
Fluvoxamine	FAVERIN, LUVOX
Paroxetine	AROPAX
Sertraline	ZOLOFT
Venlafaxine	EFEXOR

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