

Algorithm for estimating Rotigotine dose

A1. Is patient on a levodopa preparation?
 Madopar (Co-beneldopa) Sinemet (Co-careldopa)
 Stalevo (or Madopar or Sinemet plus Entacapone)

Yes

B1. Is patient on a dopamine agonist?

(Pramipexole, Ropinirole or cabergoline)

Yes

B2. Calculate daily dopamine agonist dose

B3. Equivalent daily Rotigotine dose =

For pramipexole [click here](#)

For ropinirole [click here](#)

For cabergoline [click here](#)

A2.

Calculate total daily levodopa dose from Box 1

Levodopa dose = mg

A3.

Total daily levodopa dose	Rotigotine dose (Use dose in brackets if hallucinations*)
150mg - 300 mg	4mg (2mg*)
351mg – 500mg	8mg (4mg*)
501mg - 700mg	10mg (6mg*)
>700mg	12mg (8mg*)

Box 1

If a Madopar or Sinemet dose is given **with** entacapone or tolcapone, treat **that** dose (not the stand alone doses) as a Stalevo dose. (eg. Madopar or Sinemet 62.5 + entacapone = Stalevo 50; Madopar 125 or Sinemet Plus + entacapone = Stalevo 100)

Drug	Levodopa dose equivalent
Madopar 62.5 Sinemet 62.5	50 mg
Stalevo 50	65 mg
Stalevo 75	100 mg
Madopar 125mg Sinemet Plus (125) Sinemet 110 Madopar CR Half Sinemet CR	100 mg
Stalevo 100	130 mg
Stalevo 125	160 mg
Stalevo 150	195 mg
Madopar 250 Sinemet CR	200 mg
Stalevo 200	260 mg
Sinemet 275	250 mg

Final Rotigotine dose

A) Dopamine agonist equivalent dose (green box step B3) =

B) Levodopa equivalent dose (yellow box step A3) =

A + B = (note max Rotigotine dose 16mg)

If more than 16mg Rotigotine they are likely to need Apomorphine.
 Please start Rotigotine 16mg along with Domperidone suppositories
 60mg bd to allow specialist initiation Apomorphine in working hours

Patient requires review from movement disorder specialist at earliest opportunity