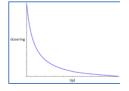
# Explanation order form / prescription → TAPERINGSTRIP™



- 1. In order to ensure a responsible stop of medication, a gradual tapering is often required: If tapering with the available registered dosages doesn't succeed, or results in too much withdrawal symptoms, taperingmedication (lower compounded dosages) can be prescribed.
- 2. Tapering can be done by two scientific proven methods:

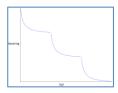
## The Maudsley Deprescribing Guidelines:

The tapering-trajectory is conform one entire hyperbolic trajectory (smaller steps towards the end)



### Hyperbolic reduction from registered dose to registered dose.

Tapering in small separate hyperpolic trajects from one dose to another.



- 3. Cross box(es) risk factors; medical indication, duration of medicine use
- 4. Data of patient needs to be filled in or attach label with name, address, city, country, phone number and email address (mandatory due to communication with patient).
- 5. **Data of prescriber (psychiatrist/physician)** needs to be filled in or place stamp with the information.
- 6. Select Tapering-trajectory in table on order form. Fill in:
  - \* Medicine (cross box)
  - \* Start dosage
  - \* End dosage
  - \* Required duration of tapering-trajectory (in multiples of 28 days)
- 7. Mention date and have the physician sign and stamp the order form (= valid prescription). Then send the order form by email of fax to the email address of fax number mentioned on top of the page.

To request an advice regarding a responsible tapering-trajectory, see page 2

8. Important is the filling in of the self-monitoring form during the tapering-trajectory. This enables patients and physicians to determine withdrawal symptoms a.s.a.p..

In case of withdrawal symptoms: Aggravation of the withdrawal symptoms, or the failure of the tapering-trajectory can be prevented by having the patient stabilized (on the lowest dose with no withdrawal symptoms) and/or selecting a more gradual tapering-trajectory.

In order to realize a responsible tapering-trajectory, these strips can be prescribed:

Taperingstrip	Strip for 28 days with self chosen start- and end-dosage
Stabilizationstrip	Strip for 28 days to stabilize a patient on the same dose (for 28 days)
Switchstrip	Strip for a responsible switch from one to another medicine in 28 days

#### Concepts

Tapering medication is developed to provide an opportunity to taper/decrease the use of medication in a responsible way. This trajectory can be customized and adjusted if necessary. The determination of the tapering-trajectory is done on the base of shared decision making and (self-)monitoring; this in accordance with accurate guidelines.

In a *Taperingstrip* the daily dose (intake) is decreased conform a hyperbolic curve. Hyperbolic means that the steps (difference in daily intake) towards the end become smaller. This is necessary in order to avoid/prevent the withdrawal symptoms as much as possible.

A Tapering-trajectory can exist of one or more Taperingstrips which are being used sequential; whether or not in combination with one or more stabilizationstrip(s).

A Stabilizationstrip can, when withdrawal symptoms occur, be prescribed in order to stabilize a patient on a certain dose. The patient can then stabilize on that dose before continuing the (adjusted) tapering-trajectory.

**Selfmonitoring**: attached with the tapering-medication a self-monitoring form is provided. This form needs to be filled in once a day so patient and physician can monitor the severity of the potential withdrawal symptoms (if they occur). If the severity increases, adjustments can be made to the taperingtrajectory in order to prevent withdrawal symptoms.

## **Request form for TAPERING RECOMMENDATIONS**

I, \( \square \text{doctor or } \square \text{p} \) schedule for the fo					nmendation for a tapering tions:		
Patient was prescribed	I				(fill in medicine for tapering)		
for the following indica							
Patient is currently free		toms:	□yes □no				
The reason(s) for tape	-						
Please check all application. Risk factor:	able boxes:  missed do fear abou failed atte distinction	t tapering empt in past	<ul> <li>: patient already had withdrawal symptoms after a single missed dose</li> <li>: patient has indicated they are afraid of tapering</li> <li>: previous attempts to stop failed</li> <li>: there is a need to distinguish between a relapse with withdrawal symptoms or rebound</li> </ul>				
	☐ slow meta ☐ high dosa ☐ start		: the lowest dose : the dose was n	already yields a nore than 100% o	high plasma concentration of the DDD for over 6 months of side effects at the start of		
	☐ previous s	switch	<ul><li>: patient has pre past</li></ul>	viously switched p	osychiatric medication once in the		
	□ other		•				
1b. Duration of medici	ine use:	□ <1 year	☐ 1-2 years [	☐ 2-5 years ☐	5-10 years □ >10 years		
1c. Current usage of m		,	mg time of day mg time of day mg time of day	y □ tapering y □ tapering y □ tapering	desired final dose , desired final dose , desired final dose , desired final dose ,		
1d. Other oral medicat	tion:			. (name) . (name) . (name) . (name) . (name)	, mg per day, mg per day		
1e. Other information:							
1f. Tablets are the des					······)		
1g. Tapering period de	esired by the	patient:		months (n	number)		
1h. Patient consents to	information	n transfer w	ith local pharma	acy:	s box)		
Local pharmacy:							
1i. Health insurance co	mpany:						
2. Patient's initials and n	ıame:						
Date of birth (DD-MM-	-YYYY):	<del>-</del>	Gender: □ M	I / □ F Soci	al Security No:		
Street name and hous					· · · · · · · · · · · · · · · · · · ·		
Postcode and city:					Country:		
E-mail address (mane	datory):				Telephone:		
3. Name of prescribing d	loctor:						
Physician registration	number:						
Street name and hous	se number:						
Postcode and city:					. Country:		
E-mail address (mane	datory):				Telephone:		
I hereby confirm the Date:  Applicants signature:	at all reques	ted informa	tion has been p		ly. if requested by doctor):		



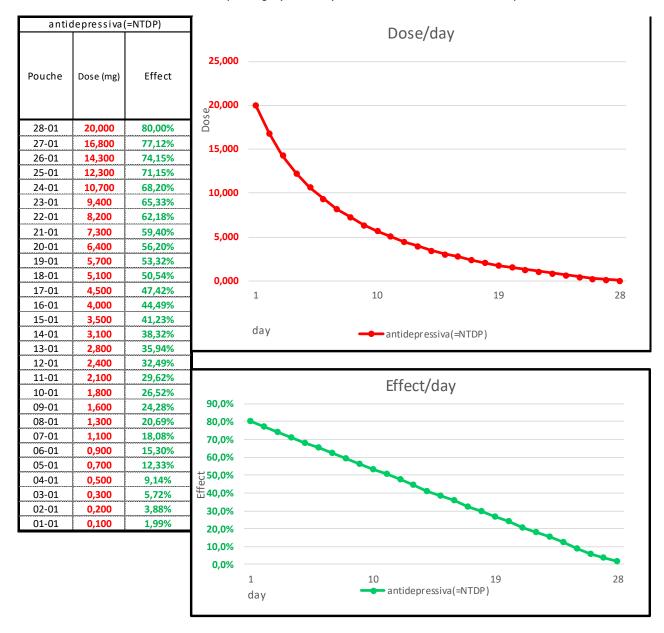
- A sudden termination of treatment, or a sudden reduction in dose can lead to significant withdrawal symptoms. To avoid this, the intake dose should be reduced in small steps gradually over a period of time. This can be done using Taperingstrips™.
- 2. One or more Taperingstrips<sup>™</sup> can be used to gradually reduce the dose to a desired lower dose or to zero. If more than one strip is needed the final dose of the previous strip is always equal to the starting dose of the following strip. This has to be done for every intake moment( if there are more than one intakes a day).
- 3. The treating physician (psychiatrist or practitioner) should plan the tapering trajectory together with the patient. It is not possible to predict the perfect schedule for each patient. Some patients are more sensitive to withdrawal symptoms than others, and some patients cope with symptoms better than others. The risk of withdrawal symptoms and their intensity can be reduced by choosing a more gradual tapering trajectory.
- 4. Taperingstrips™ are only available on prescription. The physician signed order-form is a valid prescription. After filling in the form, the treating physician should terminate any current prescription for the medicine at the local pharmacy.
- 5. In most countries, the costs of the medication in the Taperingstrips™ are covered by health insurance. Tapering- and stabilizationstrips contain medication for a fixed period of 28 days; all Taperingstrips and Stabilizationstrips have the same price.
- 6. Once the order-form/prescription has been received by the Regenboog Apotheek, we will send an invoice. Once we've received the payment, the Taperingstrip™ will be shipped to the patient's home address. The patient will receive an invoice and explanation beforehand by email.
- 7. A Taperingstrip™ contains 28 numbered pouches, with each pouch containing one or several tablets. The number of tablets may vary per day. The total dosage of the medication reduces over time as the patient takes the tablets in each daily pouch.
- 8. The patient starts their tapering schedule (preferably) on a Sunday by taking the tablets in the first pouch, numbered 028. **By counting down**, the patient finishes four weeks later on a Saturday, by taking the tablets in the last pouch, numbered 001. By doing this, the patient can easily keep track of how many doses and days are left.
- 9. Each pouch of the strip is printed with the sequence number, the colour and strength of each tablet, the total number of tablets and the name of the pharmacy.
- 10. **STABILIZATION**: A stabilizationstrip can keep the patient on a fixed dose for a desired period of time. Such stabilization may be necessary if tapering appears to be going too fast for the patient, or the patient does not wish to reduce the dose to zero, but remain at an optimal lower dose. The stabilizationstrip can be produced at almost any desired dose.
- 11. **IMPORTANT NOTICE**: Taperingstrips™ are not intended to replace medical care provided by a physician. Careful counselling and monitoring of the patient remains essential during and after treatment with tapering strips.

Please note: Treatment with the Taperingstrip™ supports the tapering of medication, reducing withdrawal effects to a minimum. If withdrawal effects do occur, they will be not as intensive or prolonged as during a traditional tapering approach. This will make it easier for the treating physician to recognize a relapse (such as a return of depression or anxiety) and to distinguish between relapse or withdrawal effects in good time.

There is a noticeable difference in timing between the occurrence of withdrawal symptoms and relapse. Withdrawal symptoms usually occur shortly or immediately <u>after the start of tapering</u>. Relapse usually occurs at a later stage, often <u>after tapering has been completed</u>. While withdrawal symptoms become less severe and disappear over time, symptoms as a result of relapse tend to remain and may even get worse.

Should you have any questions or if you require more information, please Regenboog Apotheek (Rainbow Pharmacy) at tapering@regenboogapotheek.com or + 31-161-745 061.

12. Tabel Effect\* as a function of the daily change (decrease) in dose of the medicine in 28 days.



<sup>\* &</sup>quot;Effect" show the occupancy rate of the receptor (in percentages) where the medicine attaches as a function of the daily dose; from the lowest registered dose till 0. Change (decrease) should be as gradual as possible in order to prevent withdrawal symptoms as much as possible. This is will be realized by lowering the dose on a conform a hyperbolic function. Hyperbolic means that the steps (change in daily intake) toward the end will get smaller.

## **Explanation of tablets in hyperbolic trajectory**

**Set-up**: increasing dose → start with pouche 01-01 **Tapering**: decreasing dose → start with pouche 28-01

		Pouche	NTDP	20	10	5	2	1	0,5	0,2	0,1
set-up	Tapering	No	mg	mg	mg	mg	mg	mg	mg	mg	mg
Saturday	Sunday	28-01	20	1							
Friday	Monday	27-01	16,8		1	1		1	1		3
Thursday	Tuesday	26-01	14,3		1		2			1	1
Wednesday	Wednesday	25-01	12,3		1		1			1	1
Tuesday	Thursday	24-01	10,7		1				1	1	
Monday	Friday	23-01	9,4			1	2			2	
Sunday	Saturday	22-01	8,2			1	1	1		1	
Saturday	Sunday	21-01	7,3			1	1			1	1
Friday	Monday	20-01	6,4			1		1		2	
Thursday	Tuesday	19-01	5,7			1			1	1	
Wednesday	Wednesday	18-01	5,1			1					1
Tuesday	Thursday	17-01	4,5				2		1		
Monday	Friday	16-01	4				2				
Sunday	Saturday	15-01	3,5				1	1	1		
Saturday	Sunday	14-01	3,1				1	1			1
Friday	Monday	13-01	2,8				1		1	1	1
Thursday	Tuesday	12-01	2,4				1			2	
Wednesday	Wednesday	11-01	2,1				1				1
Tuesday	Thursday	10-01	1,8					1	1	1	1
Monday	Friday	09-01	1,6					1	1		1
Sunday	Saturday	08-01	1,3					1		1	1
Saturday	Sunday	07-01	1,1					1			1
Friday	Monday	06-01	0,9						1	2	
Thursday	Tuesday	05-01	0,7						1	1	
Wednesday	Wednesday	04-01	0,5						1		
Tuesday	Thursday	03-01	0,3							1	1
Monday	Friday	02-01	0,2							1	
Sunday	Saturday	01-01	0,1								1
	*	~		1	4	7	16	9	11	20	16

# After completing this page, scan and e-mail to tapering@regenboogapotheek.com or fax it to $+31\ 85-2736129$ (both channels are secured).

## **PRESCRIPTION**

Fill in RED columns

<b>&gt;&gt;&gt;</b>	TA	PER	Ings	TRIP
			11103	IKIE

(Medication will be send once payment is received.)		
	1-2 years 2-5 years 5-10 years >10 years earlier distinction slow metaboliser high start dosage	
Initials and patient name*:  Date of birth (DD_MM_YYYY)*:  Gender*:	Social security no:  Telephone:	
The patient gives permission to receive the me Patient gives consent for information transfer w	, ,	
Name of prescribing physician*: Physician registrion number*: Street and house number*: ZIP code and City*: E-mail address*:		
Telephone*: Date (DD-MM-YYYY)*:	Stamp doctor (preferred)	
Signature Doctor*:		
Deliver the medication with a hyperbolic d We will send the medication to the patient if med * mandatory	•	

			Dose (build up/reduce/stabilise) Total tapering duration		ering duration	Average	Period			
Cross box medicine	Medicine (mg)	DDD (mg)	Smallest dose on the market (mg)	Lowest dose in strip (mg)	Start dose (mg)	End dose (mg)	Number of strips	Number of days per strip	tapering period from DDD (mg)→0	adjustment at + or - ½DDD (mg)***
	agomelatine	25	25	1				x28 days	2 x 28 days	+/- 28 days
	amitriptyline	75	10	0,1				x28 days	3 x 28 days	+/- 28 days
	amitriptyline_retard	75	25	25				x28 days		+/- 28 days
	bupropion	300	150	5				x28 days	2 x 28 days	+/- 28 days
	citalopram	20	10	0,1				x28 days	4 x 28 days	+/- 28 days
	clomipramine	100	10	0,5				x28 days	3 x 28 days	+/- 28 days
	duloxetine_ec	60	30	1			in develop	ment (3-12 mont	4 x 28 days	+/- 28 days
	escitalopram	10	5	0,1				x28 days	4 x 28 days	+/- 28 days
	fluoxetine	20	20	0,1				x28 days	3 x 28 days	+/- 28 days
	fluvoxamine	100	50	2,5				x28 days	4 x 28 days	+/- 28 days
	lithium	200	200	5				x28 days	4 x 28 days	+/- 28 days
	lithium_retard	200						x28 days	4 x 28 days	+/- 28 days
	mirtazapine	30	15	0,1				x28 days	4 x 28 days	+/- 28 days
	moclobemide	300	150	2,5				x28 days	3 x 28 days	+/- 28 days
	nortriptyline	75	10	0,1				x28 days	3 x 28 days	+/- 28 days
	paroxetine	20	10	0,1				x28 days	4 x 28 days	+/- 28 days
	sertraline	50	50	1				x28 days	4 x 28 days	+/- 28 days
	tranylcypromine	60	20	1				x28 days	4 x 28 days	+/- 28 days
	trazodon	300	50	1			in develop	ment (3-12 mont	2 x 28 days	+/- 28 days
	venlafaxine_retard	75	37,5	0,5				x28 days	4 x 28 days	+/- 28 days
	vortioxetine	10	5	0,1				ment (3-12 mont	2 x 28 days	+/- 28 days
					Ple	ase include	e in asso	rtment		

<sup>\*\*\*</sup> If dose is higher than DDD: Add one extra Taperingstrip per 1/2 DDD.

<sup>\*\*\*</sup> If dose is lower than DDD: Deduct one Taperingstrip per 1/2 DDD.



J.C. van Vliet, A. Römers-van den Berg, apothekers Tel: (0161) 437 137

Brigidastraat 12, 4854 CT Bavel Fax: (0161) 437 138

KWITANTIE VOOR:

DATUM: xx-xx-xxxx

E Example

Brigidastraat 12 4854 CT Bavel

Art	s Zi-nr	Omschrijving	Materiaal Tarief WMG Bijbet.	Prestatiekoppelnr	Bedrag	BTW
В	Setreft E Exa	mple, 01-01-2001/V BSN:	(Invoice for Insurance Company			
S/S	PBUI	1ST <u>Medication</u> Tapering 28 days	95,00	VRB03407100230623	95,00	0,00

## FRR03407

Voorschrift van:

V = Verloskundige

HS = Huisarts op advies specialist H = Huisarts S = Specialist

Bank NL70RABO039.50.37.679 KvK 20060757 HV = Handverkoop BTW NL0087.63.914.B.01 P = Psychiater / Neroloog

TE BETALEN RECEPTNUMMER 37022099P/FRB03407 95,00

T = Tandarts Algemene Verkoop- en Betalingsvoorwaarden zijn op 1 februari 2009 gedeponeerd bij de Kamer van Koophandel Haaglanden te 's-Gravenhage (HR 40 409 373)

J.C. van Vliet, A. Römers-van den Berg, apothekers Brigidastraat 12, 4854 CT Bavel

Tel: (0161) 437 137 Fax: (0161) 437 138

**Data of pharmacy and Registered Pharmacists** 

E Example Brigidastraat 12 4854 CT Bavel

FRRN3407

37022099P/FRB03407

Bank NL70RABO039.50.37.679

Personal data of patient (address)

**Invoice number** 

**IBAN** 

KvK 20060757

**Registration number Chamber of Commerce** 

NEDERLANDS	ENGLISH	DEUTSCH	FRANCAIS
Kwitantie	Receipt	Quittung	Reçu
Datum	Date	Datum	Date
Arts	Physician	Arzt	Médecin
Zi-nr	Medicine number	Medikamentennummer	Numéro de médicament
Omschrijving	Description medication	Beschreibung	Description
Tarief WMG	Rate	Rate	Taux
Prestatiekoppelnr.	Correlated handling no.	Leistungszahl	Numéro de prestation
Bedrag	Amount	Menge	Montant
BTW	VAT	MwSt	T.V.A.
Te betalen	To pay	Zu zahlen	à payer