



Health and Social Care
in Northern Ireland

**Regional Clozapine Slow Initiation
Prescription, Administration and
Monitoring Chart**

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BHST Clozapine Community Initiation Administration & Monitoring Chart

Allergies and reaction or NKA ☐

The prescriber MUST sign the chart at the start of each week and insert the appropriate date in each of the boxes provided for the applicable week. Please refer to the main prescription kardex for any other medication. If using an alternative dosing regime, cancel out the suggested (morning/evening) dose by drawing a diagonal line through it and ensure the prescriber signature box for that column is signed and dated. The staff supervising the administration of clozapine should sign in the "Administered by" column beside the relevant dose. Please specify reason for any omitted doses. The monitoring record should be completed and signed in the available box. Ensure that when necessary NEWS is recorded and scored.

ZTAS PIN Consultant

Ward/Location Monitoring Requirements

Week 1 Date	Day	Time	Standard Dose	Alternate Dosing	Administered by
	1	STAT @	12.5mg		
	2	am pm	12.5mg 12.5mg		
	3	am pm	12.5mg 25mg		
	4	am pm	12.5mg 25mg		
	5	am pm	12.5mg 25mg		
	6	am pm	25mg 25mg		
	7	am pm	25mg 37.5mg		

Print Name Professional PIN

Prescribers Signature Sign here for standard titration Sign here if standard titration changed Date

The following MUST be ordered, reviewed and actioned ONCE WEEKLY BEFORE(* for first FOUR weeks only) prescribing any further clozapine

Taken	Reviewed	Comments	Signature
☐ FBC	☐		
☐ Troponin(*)	☐		
☐ CRP(*)	☐		
Medical review	☐		
GASS review	☐		
Weight	kg		

Withhold the dose, seek medical advice and initiate additional monitoring in NEWS observations chart as instructed if:

- BP – Systolic <100 or > 170, Diastolic <60 or > 100
- Or Postural drop of >30mmHg,
- Or temp> 38.4° or <35.5°
- Or pulse is in excess of 120bpm
- Respiration rate <12 OR >20 breaths/min

CLOZAPINE STOPPED(complete pathway)
Ensure that clozapine chart is cancelled and kardex amended ☐

Symptoms that warrant notifying medical staff immediately (See Appendix 5 for further information)

- Any signs of constipation
- Clear over-sedation
- Flu-like symptoms, malaise fatigue
- Chest pain, shortness of breath, dyspnoea,
- Tachypnoea
- Seizures/ myoclonic jerks
- Any other intolerable side effects

Prescribers Signature Date

Use addressograph or write in CAPITAL LETTERS

Name:

Address:

H&C number:

DOB:

Check Identity

Glasgow Antipsychotic Side-effect Scale (GASS)- Clozapine

Name:		Age:		Sex: M / F
Date				
Caffeine intake Cups of tea or coffee per day.....				
Has there been a recent change in your smoking habit No ☐ Yes ☐ Details below				
Increase/Decrease by Cigarettes per day				
This questionnaire is about how you have been recently. It is being used to determine if you are suffering from excessive side effects from your antipsychotic medication. Please place a tick in the column which best indicates the degree to which you have experienced the following side effects. Tick the end box if you found that the side effect distressed you. © 2007 Waddell & Taylor				

Over the <u>past week</u> :	Never	Once	A few times	Everyday	Tick this box if distressing
1. I felt sleepy during the day					
2. I felt drugged or like a zombie					
3. I felt dizzy when I stood up and/or have fainted					
4. I have felt my heart beating irregularly or unusually fast					
5. I have experienced jerking limbs or muscles					
6. I have been drooling					
7. My vision has been blurry					
8. My mouth has been dry					
9. I have felt like I am going to be sick or have vomited					
10. I have felt gastric reflux or heartburn					
11 I have had problems opening my bowels (constipation/diarrhoea)					
12. I have wet the bed					
13. I have been passing urine more often					
14 I have been thirsty					
15 I have felt more hungry than usual or have gained weight					
16. I have been having sexual problems					

<i>I have also experienced</i> <i>(Please write down any other side effects of physical problems or complaints that you may have had over the last week)</i>
17
18
19
20

Staff Information

1. Allow the service user to fill in the questionnaire themselves, in some circumstances staff may have to support the patient to complete the assessment. Questions 1-20 relate to the previous week.

2. Scoring

For questions 1-16 award

- 0 points for an answer of “never”.
- 1 point for the answer “once”,
- 2 points for the answer “a few times”
- 3 points for the answer “everyday”.

Total for all questions

3. For all patients a *total score* of:

- 0-16 = absent/mild side effects
- 17-32 = moderate side effects
- over 32 = severe side effects

4. Side effects covered by questions

- 1-2 Sedation and CNS side effects
- 3 Postural hypotension
- 4 Tachycardia
- 5 Myoclonus
- 6 Hypersalivation extra-pyramidal side effects
- 7-8 Anticholinergic side effects
- 9-10 Gastro-intestinal side effects
- 11 Constipation/overflow
- 12 Nocturnal enuresis
- 13-14 Screening for diabetes mellitus
- 15 weight gain
- 16 Sexual dysfunction

The column relating to the distress experienced with a particular side effect is not scored, but is intended to inform the clinician of the service user's views and condition.

Question 17-20 invite the service user to report any other side effects or problems not already mentioned. These questions are not scored but may instigate a discussion with the service user if clinically appropriate.

Clozapine Slow Initiation Prescription, Administration and Monitoring Chart

Allergies and reaction						or		NKA ☐				
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ZTAS PIN						Consultant						
Ward/Location						Monitoring Requirements						
Week 2 Date	Day	Time	Standard Dose	Alternate Dosing	Administered by		BP, Sitting	BP, Standing	Pulse	Temp (°C)	Respiration rate	Recorded by
	8	am	25mg			Pre-dose						
		pm	50mg			6hrs post am dose						
	9	am	25mg			Pre-dose						
		pm	62.5mg			6hrs post am dose						
	10	am	50mg			Pre-dose						
		pm	50mg			6hrs post am dose						
	11	am	50mg			Pre-dose						
		pm	50mg			6hrs post am dose						
	12	am	50mg			Pre-dose						
		pm	50mg			6hrs post am dose						
	13	am	50mg			Pre-dose						
		pm	75mg			6hrs post am dose						
	14	am	62.5mg			Pre-dose						
		pm	75mg			6hrs post am dose						
Print Name						Professional PIN						
Prescribers Signature		Sign here for standard titration		Sign here if standard titration changed		Date		ALTERED TITRATION CHART REQUIRED ☐ Prescribers Signature				

Use addressograph or write in CAPITAL LETTERS	
Name:	
Address:	
H&C number:	
DOB:	
Check Identity	

The following MUST be ordered, reviewed and actioned ONCE WEEKLY BEFORE(* for first FOUR weeks only) prescribing any further clozapine				Withhold the dose, seek medical advice and initiate additional monitoring in NEWS observations chart as instructed if:				Symptoms that warrant notifying medical staff immediately (See Appendix 5 for further information)			
Taken	Reviewed	Comments	Signature	-BP – Systolic <100 or > 170, Diastolic <60 or > 100 -Or Postural drop of >30mmHg, -Or temp> 38.4° or <35.5° -Or pulse is in excess of 120bpm -Respiration rate <12 OR >20 breaths/min				Any signs of constipation Clear over-sedation Flu-like symptoms, malaise fatigue Chest pain, shortness of breath, dyspnoea, Tachypnoea Seizures/ myoclonic jerks Any other intolerable side effects			
☐	FBC	☐									
☐	Troponin(*)	☐									
☐	CRP(*)	☐									
	Medical review	☐									
	GASS review	☐		CLOZAPINE STOPPED _(complete pathway) Ensure that clozapine chart is cancelled and kardex amended				☐ Prescribers Signature			
	Weight	kg									
								Date			

Glasgow Antipsychotic Side-effect Scale (GASS)- Clozapine

Name:		Age:		Sex: M / F
Date				
Caffeine intake Cups of tea or coffee per day.....				
Has there been a recent change in your smoking habit No ☐ Yes ☐ Details below				
Increase/Decrease by Cigarettes per day				
This questionnaire is about how you have been recently. It is being used to determine if you are suffering from excessive side effects from your antipsychotic medication. Please place a tick in the column which best indicates the degree to which you have experienced the following side effects. Tick the end box if you found that the side effect distressed you. © 2007 Waddell & Taylor				

Over the <u>past week</u> :	Never	Once	A few times	Everyday	Tick this box if distressing
1. I felt sleepy during the day					
2. I felt drugged or like a zombie					
3. I felt dizzy when I stood up and/or have fainted					
4. I have felt my heart beating irregularly or unusually fast					
5. I have experienced jerking limbs or muscles					
6. I have been drooling					
7. My vision has been blurry					
8. My mouth has been dry					
9. I have felt like I am going to be sick or have vomited					
10. I have felt gastric reflux or heartburn					
11. I have had problems opening my bowels (constipation/diarrhoea)					
12. I have wet the bed					
13. I have been passing urine more often					
14. I have been thirsty					
15. I have felt more hungry than usual or have gained weight					
16. I have been having sexual problems					

<i>I have also experienced</i> <i>(Please write down any other side effects of physical problems or complaints that you may have had over the last week)</i>
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Total for all questions

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4 Tachycardia

5 Myoclonus

6 Hypersalivation extra-pyramidal side effects

7-8 Anticholinergic side effects

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ZTAS PIN						Consultant						
Ward/Location						Monitoring Requirements						
Week 3 Date	Day	Time	Standard Dose	Alternate Dosing	Administered by		BP, Sitting	BP, Standing	Pulse	Temp (°C)	Respiration rate	Recorded by
	15(*)	am	75mg			Pre-dose						
		pm	75mg			6hrs post am dose						
	16	am	75mg			Pre-dose						
		pm	100mg			6hrs post am dose						
	17	am	100mg			Pre-dose						
		pm	100mg			6hrs post am dose						
						Pre-dose						
						6hrs post am dose						
						Pre-dose						
						6hrs post am dose						
						Pre-dose						
						6hrs post am dose						
						Pre-dose						
						6hrs post am dose						
				Professional PIN								
Prescribers Signature		Sign here for standard titration		Sign here if standard titration changed		Date						
						ALTERED TITRATION CHART REQUIRED		☐	Prescribers Signature		Date	

Use addressograph or write in CAPITAL LETTERS	
Name:	
Address:	
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Taken		Reviewed		Comments		Signature						
☐	FBC	☐						-BP – Systolic <100 or > 170, Diastolic <60 or > 100 -Or Postural drop of >30mmHg, -Or temp> 38.4° or <35.5° -Or pulse is in excess of 120bpm -Respiration rate <12 OR >20 breaths/min		Any signs of constipation Clear over-sedation Flu-like symptoms, malaise fatigue Chest pain, shortness of breath, dyspnoea, Tachypnoea Seizures/ myoclonic jerks Any other intolerable side effects		
☐	Troponin(*)	☐										
☐	CRP(*)	☐										
	Medical review	☐										
	GASS review	☐										
	Weight	kg						CLOZAPINE STOPPED(complete pathway) Ensure that clozapine chart is cancelled and kardex amended		☐	Prescribers Signature	Date

(*) Consider a clozapine assay on day 15

Glasgow Antipsychotic Side-effect Scale (GASS)- Clozapine

Name:		Age:		Sex: M / F	
Date					
Caffeine intake Cups of tea or coffee per day.....					
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Over the <u>past week</u> :	Never	Once	A few times	Everyday	Tick this box if distressing
1. I felt sleepy during the day					
2. I felt drugged or like a zombie					
3. I felt dizzy when I stood up and/or have fainted					
4. I have felt my heart beating irregularly or unusually fast					
5. I have experienced jerking limbs or muscles					
6. I have been drooling					
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8. My mouth has been dry					
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ZTAS PIN						Consultant							
Ward/Location						Monitoring Requirements							
Week 4 Date	Day	Time	Standard Dose	Alternate Dosing	Administered by		BP, Sitting	BP, Standing	Pulse	Temp (°C)	Respiration rate	Recorded by	
	22	am	50mg			Pre-dose							
		pm	175mg			6hrs post am dose							
	23	am	50mg			Pre-dose							
		pm	200mg			6hrs post am dose							
	24	am	50mg			Pre-dose							
		pm	225mg			6hrs post am dose							
	25	am	50mg			Pre-dose							
		pm	250mg			6hrs post am dose							
	26	am	50mg			Pre-dose							
		pm	250mg			6hrs post am dose							
	27	am	50mg			Pre-dose							
		pm	250mg			6hrs post am dose							
	28	am	50mg			Pre-dose							
		pm	250mg			6hrs post am dose							
Print Name					Professional PIN								
Prescribers Signature		Sign here for standard titration		Sign here if standard titration changed		Date	ALTERED TITRATION CHART REQUIRED ☐		Prescribers Signature			Date	

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☐	FBC	☐					
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	Weight	kg					
						Date	

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