

Appendix 4: Rechallenge monitoring

Study details		Rechallenge commencement and monitoring details									
Author	Cardiology involvement during rechallenge	Setting	Starting clozapine dose	Days to $\geq 50\text{mg}$ clozapine dose	Days to $\geq 100\text{mg}$ clozapine dose	Days to $\geq 300\text{mg}$ clozapine dose	CMR	TTE	ECG	Vital signs	Monitor for clinical features suggestive of CAM
Published case reports - successful											
1. Boscutti et al. 2022	N/R	N/R	Unclear	N/R	N/R	N/R	N/R	N/R	N/R	+ 3x daily	N/R
2. Bouhlel et al. 2014	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R
3. Bowers et al. 2022	N/R	Out-patient	12.5mg	22	N/R	N/R	N/R	N/R	N/R	N/R	N/R
4. Bray & Reid 2011	N/R	Inpatient	12.5mg	N/R	N/R	N/R	N/R	+ At 1, 3, 6 & 12 months	N/R	N/R	N/R
5. Carswell et al. 2023 (A)	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R
6. Carswell et al. 2023 (B)	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R
7. Chow et al. 2014	+	Inpatient	6.25mg	N/R	N/R	N/R	N/R	+ Weekly for 8 weeks	+ Weekly	+ Daily	N/R
8. Danilewitz et al. 2021	N/R	Inpatient	6.25mg	32	N/R	270	N/R	+ At 1 month	N/R	+ 2x daily	N/R
9. Granja-Ingram et al. 2013	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R
10. Griffin et al. 2021 (A)	+	Out-patient	25mg	14	42	98	N/R	N/R	N/R	N/R	N/R
11. Griffin et al. 2021 (B)	+	Inpatient	25mg	8	22	N/R	If clinically indicated	+ At day 6; monthly for 6 months	N/R	+	N/R

12. Halawa et al. 2023	1)	When symptomatic	Inpatient	12.5mg	4	N/A	N/A	N/R	N/R	N/R	N/R	N/R
	2)	+	Inpatient	12.5mg	21	35	N/R	N/R	+ When CRP rises (days 10, 14, 18) Monthly	Unclear	N/R	N/R
13. Hassan et al. 2011		+	N/R	6.25mg	9	17	N/R	N/R	+ At day 25	+ 2x weekly	+ Daily	N/R
14. Holden & Begum 2022		N/R	N/R	12.5mg	9	N/R	N/R	N/R	N/R	+ 2x weekly	+ 2x daily	N/R
15. Hosseini et al. 2020		+	Inpatient	12.5mg	5	N/R	21	N/R	N/R	+ At 3 weeks	+ Daily	+
16. Ittasakul et al. 2016		+	Inpatient	25mg	N/R	N/R	N/R	N/R	N/R	N/R	+ Daily	N/R
17. Koparal et al. 2019		N/R	Inpatient	12.5mg	7	15	31	N/R	+ Weekly for 8 weeks	+ Weekly for 8 weeks	N/R	+
18. Nguyen et al. 2017		+	Inpatient	12.5mg	N/R	N/R	N/R	N/R	N/R	+ daily for 4 weeks; fortnightly for 3 months	+ Daily	N/R
19. Otsuka et al. 2019		N/R	Inpatient	12.5mg	16	N/R	N/R	N/R	N/R	N/R	N/R	N/R
20. Reid et al. 2001		N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	+ Weekly	N/R	N/R
21. Reinders et al. 2004		N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R
22. Ronaldson et al. 2012 (A)		N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	+	N/R
23. Ronaldson et al. 2012 (B)		N/R	N/R	12.5mg	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R
24. Ronaldson et al. 2012 (C)		N/R	N/R	25mg	N/R	N/R	N/R	N/R	N/R	N/R	+	N/R

25. Ronaldson et al. 2012 (D)	N/R	N/R	12.5mg	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R
26. Rosenfeld et al. 2010	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R
27. Sarathy & Alexopoulos 2017	+	Inpatient	6.25mg	42	70	182	N/R	+ At 2 weeks; monthly	+ Daily for 2 weeks	N/R	N/R
28. Shivakumar et al. 2020	+	N/R	5mg	N/R	120	N/R	N/R	+ Regular	+ Regular	N/R	N/R
Published case reports – Unsuccessful											
29. Higgins et al. 2019 (A)	N/R	N/R	12.5mg	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R
30. Higgins et al. 2019 (B)	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R
31. Jayathilake & Singh 2009	N/R	N/R	12.5mg	9	N/R	N/R	N/R	+ Weekly	N/R	N/R	N/R
32. Masopust et al. 2009	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	+	+
33. Mudra et al. 2018	N/R	N/R	12.5mg	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R
34. Noel et al. 2019 (A)	N/R	N/R	12.5mg	N/R	N/R	N/R	N/R	N/R	N/R	+ Daily	+
35. Noel et al. 2019 (B)	N/R	N/R	12.5mg	N/R	N/R	N/R	N/R	N/R	N/R	+ Daily	+
36. Noel et al. 2019 (C)	N/R	N/R	12.5mg	4	N/R	N/R	N/R	N/R	N/R	+ 2x daily	+
37. Ronaldson et al. 2012 (E)	N/R	N/R	400mg	1	1	N/R	N/R	N/R	N/R	N/R	N/R
38. Ronaldson et al. 2012 (F)	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	+	N/R
39. Ronaldson et al. 2012 (G)	N/R	N/R	12.5mg	3	5	N/R	N/R	N/R	N/R	N/R	N/R
40. Ronaldson et al. 2012 (H)	N/R	N/R	12.5mg	3	N/R	N/R	N/R	N/R	N/R	N/R	N/R
41. Smith et al. 2014	N/R	N/R	N/R	N/R	N/R	N/R	Done at 1 week for	N/R	+ Daily	+	N/R

							diagnosis CAM				
42. Thanasan 2010	N/R	Out- patient	200mg	1	1	N/A	N/R	N/R	N/R	+	N/R
Unpublished case Reports – successful											
43. McMahon et al. 2023 – CD (A)	+	Inpatient	6.25mg	147	196	308	If clinically indicated	+ At 5 months	+ Weekly for 12 weeks	+ Daily	+ Daily for 2 weeks; 3x weekly for 4 weeks; weekly
44. McMahon et al. 2023 – BA (B)	+	Inpatient	6.25mg	24	56	133	If clinically indicated	If clinically indicated	+ Weekly for 8 weeks	+ Daily	+ Daily for 2 weeks; 3x weekly for 4 weeks; weekly
45. Qubad et al. 2023	+	N/R	6.25mg	28	60	N/R	+ At 21 weeks	+ Weekly for 9 weeks; fortnightly for 3 weeks; monthly for 9 weeks	+ 2x weekly	N/R	N/R

N/R – not reported in case data; N/A – not applicable; CAM – clozapine associated myocarditis; CMR – cardiac magnetic resonance imaging; TTE – transthoracic echocardiogram; ECG – electrocardiogram