

Appendix 3: Rechallenge pathology monitoring

Study details		Rechallenge pathology monitoring details							
Author	BNP	CK	CRP	Eosinophils	FBC	Monocytes	Troponin	Clozapine levels	
Published case reports - successful									
1. Boscutti et al. 2022	+ Weekly	N/R	+ Weekly	N/R	N/R	N/R	+ Weekly for 9 weeks	N/R	
2. Bouhlel et al. 2014	N/R	N/R	N/R	+	N/R	N/R	N/R	N/R	
3. Bowers et al. 2022	N/R	N/R	+ 2x weekly	N/R	N/R	N/R	+ 2x weekly for 6 months	N/R	
4. Bray & Reid 2011	N/R	N/R	N/R	N/R	N/R	N/R	+ 3x weekly for 6 weeks; weekly for 4 months; continue monthly	N/R	
5. Carswell et al. 2023 (A)	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	
7. Chow et al. 2014	+ Weekly for 8 weeks		+ Weekly	+ Weekly for 8 weeks	+ Weekly	N/R	+ Weekly for 8 weeks	N/R	
8. Danilewitz et al. 2021	N/R	N/R	+ 2x weekly	N/R	N/R	N/R	+ 2x weekly	N/R	
9. Granja-Ingram et al. 2013	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	
10. Griffin et al. 2021 (A)	+ Weekly	N/R	+ Weekly	N/R	N/R	N/R	+ Weekly	N/R	
11. Griffin et al. 2021 (B)	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R	
12. Halawa et al. 2023	1)	N/R	N/R	+	N/R	N/R	N/R	+	N/R
	2)	N/R	N/R	+	N/R	+	N/R	+	N/R
13. Hassan et al. 2011	N/R	+ 2x weekly	+ 2x weekly	N/R	+ 2x weekly	N/R	+ 2x weekly	N/R	

14. Holden & Begum 2022	N/R	N/R	+ 2x weekly	N/R	+ 2x weekly	N/R	+ 2x weekly	+
15. Hosseini et al. 2020	N/R	N/R	+ Weekly	N/R		N/R	+ Weekly	N/R
16. Ittasakul et al. 2016	N/R	N/R	+ Daily	+ Daily	+ Daily	N/R	+ Daily	N/R
17. Koparal et al. 2019	N/R	+ Weekly for 8 weeks	+ Weekly for 8 weeks	N/R	+ Weekly for 8 weeks	N/R	N/R	N/R
18. Nguyen et al. 2017	N/R	N/R	+ Daily for 4 weeks; fortnightly for 3 months	N/R	N/R	N/R	+ Daily for 4 weeks; fortnightly for 3 months	N/R
19. Otsuka et al. 2019	N/R	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	+ Weekly	N/R	N/R	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
22. Ronaldson et al. 2012 (A)	N/R	N/R	N/R	N/R	N/R	N/R	+	N/R
23. Ronaldson et al. 2012 (B)	N/R	N/R	+	N/R	N/R	N/R	+	N/R
24. Ronaldson et al. 2012 (C)	N/R	N/R	+	N/R	N/R	N/R	+	N/R
25. Ronaldson et al. 2012 (D)	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
27. Sarathy & Alexopoulos 2017	N/R	N/R	+ Daily for 2 weeks; 2x weekly for 2 weeks; continue weekly	N/R	N/R	N/R	+ Daily for 2 weeks; 2x weekly for 2 weeks; continue weekly	N/R
28. Shivakumar et al. 2020	N/R	N/R	+ Daily	+ Daily	+ Daily	+ Daily	+ Daily	N/R
Unsuccessful Rechallenge								

29. Higgins et al. 2019 (A)	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
31. Jayathilake & Singh 2009	N/R	N/R	+ Second daily	N/R	+ Second daily	N/R	+ Second daily	+
32. Masopust et al. 2009	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	N/R	N/R	N/R	N/R	N/R	N/R
34. Noel et al. 2019 (A)	N/R	N/R	+ 2x weekly	N/R	N/R	N/R	+ 2x weekly	N/R
35. Noel et al. 2019 (B)	N/R	N/R	+ Daily	N/R	N/R	N/R	+ Second daily	N/R
36. Noel et al. 2019 (C)	N/R	N/R	When symptomatic	N/R	N/R	N/R	When symptomatic	N/R
37. Ronaldson et al. 2012 (E)	N/R	N/R	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
39. Ronaldson et al. 2012 (G)	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R
40. Ronaldson et al. 2012 (H)	N/R	N/R	N/R	N/R	N/R	N/R	N/R	N/R
41. Smith et al. 2014	N/R	N/R	+ Daily	N/R	N/R	N/R	+ Daily	N/R
42. Thanasan 2010	N/R	N/R	N/R	N/R	N/R	WCC	N/R	N/R
Unpublished case Reports – successful								
43. McMahon et al. 2023 – CD (A)	N/R	N/R	+ Daily for 2 weeks; 3x weekly for 2 weeks; 2x weekly for 4 weeks	+ Daily for 2 weeks; 3x weekly for 2 weeks; 2x weekly for 4 weeks; weekly until 18 weeks	+ Daily for 2 weeks; 3x weekly for 2 weeks; 2x weekly for 4 weeks; weekly until 18 weeks as per clozapine protocol	+ Daily for 2 weeks; 3x weekly for 2 weeks; 2x weekly for 4 weeks	+ Daily for 2 weeks; 3x weekly for 2 weeks; 2x weekly for 4 weeks; weekly until 18 weeks as per clozapine protocol	+ Monthly
44. McMahon et al. 2023 – BA (B)	N/R	N/R	+	+	+	+	+	+ Monthly

			Daily for 2 weeks; 3x weekly for 2 weeks; 2x weekly for 4 weeks	Daily for 2 weeks; 3x weekly for 2 weeks; 2x weekly for 4 weeks	Daily for 2 weeks; 3x weekly for 2 weeks; 2x weekly for 4 weeks; weekly until 18 weeks	Daily for 2 weeks; 3x weekly for 2 weeks; 2x weekly for 4 weeks	Daily for 2 weeks; 3x weekly for 2 weeks; 2x weekly for 4 weeks; continue weekly	
45. Qubad et al. 2023	N/R	N/R	+ 3x weekly	N/R	+ 3x weekly	N/R	+ 3x weekly	+ Weekly from 4 weeks of rechallenge, then fortnightly from 8 weeks of rechallenge

N/R – not reported in case data; WCC – white cell count; CRP – C-reactive protein; BNP – B-type natriuretic peptide; CK – creatine kinase; FBC – full blood count