



CADTH Project

Atypical Antipsychotics for Schizophrenia: Combination Therapy and High Doses

List of Included Studies (for Feedback)

1. Kane JM, Correll CU, Goff DC, Kirkpatrick B, Marder SR, Vester-Blokland E, et al. A multicenter, randomized, double-blind, placebo-controlled, 16-week study of adjunctive aripiprazole for schizophrenia or schizoaffective disorder inadequately treated with quetiapine or risperidone monotherapy. *J Clin Psychiatry*. 2009 Oct;70(10):1348-57.
2. Henderson DC, Fan X, Copeland PM, Sharma B, Borba CP, Boxill R, et al. Aripiprazole added to overweight and obese olanzapine-treated schizophrenia patients. *J Clin Psychopharmacol*. 2009 Apr;29(2):165-9.
3. Citrome L, Stauffer VL, Chen L, Kinon BJ, Kurtz DL, Jacobson JG, et al. Olanzapine plasma concentrations after treatment with 10, 20, and 40 mg/d in patients with schizophrenia: an analysis of correlations with efficacy, weight gain, and prolactin concentration. *J Clin Psychopharmacol*. 2009 Jun;29(3):278-83.
4. Zink M, Kuwilsky A, Krumm B, Dressing H. Efficacy and tolerability of ziprasidone versus risperidone as augmentation in patients partially responsive to clozapine: a randomised controlled clinical trial. *J Psychopharmacol*. 2009 May;23(3):305-14.
5. Chang JS, Ahn YM, Park HJ, Lee KY, Kim SH, Kang UG, et al. Aripiprazole augmentation in clozapine-treated patients with refractory schizophrenia: an 8-week, randomized, double-blind, placebo-controlled trial. *J Clin Psychiatry*. 2008 May;69(5):720-31.
6. Kinon BJ, Volavka J, Stauffer V, Edwards SE, Liu-Seifert H, Chen L, et al. Standard and higher dose of olanzapine in patients with schizophrenia or schizoaffective disorder: a randomized, double-blind, fixed-dose study. *J Clin Psychopharmacol*. 2008 Aug;28(4):392-400.
7. Meltzer HY, Bobo WV, Roy A, Jayathilake K, Chen Y, Ertugrul A, et al. A randomized, double-blind comparison of clozapine and high-dose olanzapine in treatment-resistant patients with schizophrenia. *J Clin Psychiatry*. 2008 Feb;69(2):274-85.
8. Kumra S, Kranzler H, Gerbino-Rosen G, Kester HM, De TC, Kafantaris V, et al. Clozapine and "high-dose" olanzapine in refractory early-onset schizophrenia: a 12-week randomized and double-blind comparison. *Biol Psychiatry*. 2008 Mar 1;63(5):524-9.
9. Freudenreich O, Henderson DC, Walsh JP, Culhane MA, Goff DC. Risperidone augmentation for schizophrenia partially responsive to clozapine: a double-blind, placebo-controlled trial. *Schizophr Res*. 2007 May;92(1-3):90-4.

CADTH Project
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10. Akdede BB, nil Yagcioglu AE, Alptekin K, Turgut TI, Tumuklu M, Yazici MK, et al. A double-blind study of combination of clozapine with risperidone in patients with schizophrenia: effects on cognition. *J Clin Psychiatry*. 2006 Dec;67(12):1912-9.
11. Kelly DL, Richardson CM, Yu Y, Conley RR. Plasma concentrations of high-dose olanzapine in a double-blind crossover study. *Hum Psychopharmacol*. 2006 Aug;21(6):393-8.
12. Honer WG, Thornton AE, Chen EY, Chan RC, Wong JO, Bergmann A, et al. Clozapine alone versus clozapine and risperidone with refractory schizophrenia. *N Engl J Med* [Internet]. 2006 Feb 2 [cited 2010 Jun 25];354(5):472-82. Available from: <http://content.nejm.org/cgi/reprint/354/5/472.pdf>
13. Kreinin A, Novitski D, Weizman A. Amisulpride treatment of clozapine-induced hypersalivation in schizophrenia patients: a randomized, double-blind, placebo-controlled cross-over study. *Int Clin Psychopharmacol*. 2006 Mar;21(2):99-103.
14. nil Yagcioglu AE, Kivircik Akdede BB, Turgut TI, Tumuklu M, Yazici MK, Alptekin K, et al. A double-blind controlled study of adjunctive treatment with risperidone in schizophrenic patients partially responsive to clozapine: efficacy and safety. *J Clin Psychiatry*. 2005 Jan;66(1):63-72.
15. Josiassen RC, Joseph A, Kohegyi E, Stokes S, Dadvand M, Paing WW, et al. Clozapine augmented with risperidone in the treatment of schizophrenia: a randomized, double-blind, placebo-controlled trial. *Am J Psychiatry*. 2005 Jan;162(1):130-6.
16. Kotler M, Strous RD, Reznik I, Shwartz S, Weizman A, Spivak B. Sulpiride augmentation of olanzapine in the management of treatment-resistant chronic schizophrenia: evidence for improvement of mood symptomatology. *Int Clin Psychopharmacol*. 2004 Jan;19(1):23-6.
17. Kelly DL, Conley RR, Richardson CM, Tamminga CA, Carpenter WT, Jr. Adverse effects and laboratory parameters of high-dose olanzapine vs. clozapine in treatment-resistant schizophrenia. *Ann Clin Psychiatry*. 2003 Sep;15(3-4):181-6.
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19. Genc Y, Taner E, Candansayar S. Comparison of clozapine-amisulpride and clozapine-quetiapine combinations for patients with schizophrenia who are partially responsive to clozapine: a single-blind randomized study. *Adv Ther*. 2007 Jan;24(1):1-13.
20. Nasrallah HA, Duchesne I, Mehnert A, Janagap C, Eerdeken M. Health-related quality of life in patients with schizophrenia during treatment with long-acting, injectable risperidone. *J Clin Psychiatry*. 2004 Apr;65(4):531-6.
21. Kane JM, Eerdeken M, Lindenmayer JP, Keith SJ, Lesem M, Karcher K. Long-acting injectable risperidone: efficacy and safety of the first long-acting atypical antipsychotic. *Am J Psychiatry* [Internet]. 2003 Jun [cited 2010 Jul 2];160(6):1125-32. Available from: <http://ajp.psychiatryonline.org/cgi/reprint/160/6/1125>
22. Shiloh R, Zemishlany Z, Aizenberg D, Radwan M, Schwartz B, Dorfman-Etrog P, et al. Sulpiride augmentation in people with schizophrenia partially responsive to clozapine. A double-blind, placebo-controlled study. *Br J Psychiatry*. 1997 Dec;171:569-73.

CADTH Project
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23. Kane JM, Cohen M, Zhao J, Alphas L, Panagides J. Efficacy and safety of asenapine in a placebo- and haloperidol-controlled trial in patients with acute exacerbation of schizophrenia. *J Clin Psychopharmacol.* 2010 Apr;30(2):106-15.
24. Miceli JJ, Tensfeldt TG, Shiovitz T, Anziano RJ, O'Gorman C, Harrigan RH. Effects of high-dose ziprasidone and haloperidol on the QTc interval after intramuscular administration: a randomized, single-blind, parallel-group study in patients with schizophrenia or schizoaffective disorder. *Clin Ther.* 2010 Mar;32(3):472-91.
25. Shafti SS. Augmentation of olanzapine by fluphenazine decanoate in poorly responsive schizophrenia. *Clinical Schizophrenia and Related Psychoses.* 2009;3(2):97-102.
26. Conley RR, Kelly DL, Richardson CM, Tamminga CA, Carpenter WT. The efficacy of high-dose olanzapine versus clozapine in treatment-resistant schizophrenia: A double-blind, crossover study. *J Clin Psychopharmacol.* 2003;23(6):668-71.
27. Fleischhacker WW, Heikkinen ME, Olie JP, Landsberg W, Dewaele P, McQuade RD, et al. Effects of adjunctive treatment with aripiprazole on body weight and clinical efficacy in schizophrenia patients treated with clozapine: a randomized, double-blind, placebo-controlled trial. *Int J Neuropsychopharmacol.* 2010 May 12;1-11.
28. Jayathilake K, Meltzer DO, Small J, Meltzer HY. Comparison of clozapine and high dose olanzapine in treatment resistant schizophrenia in a double blind, randomized, 6 month clinical trial. Abstract presented at: ACNP 44th Annual Meeting. 2005; Waikoloa (HI).
29. Josiassen R, Joseph A, Kohegyi E, Paing W. Clozapine augmentation with risperidone in refractory schizophrenia. *Schizophr Res.* 2003;60:288.
30. Mossaheb N, Sacher J, Wiesegger G, Klein N, Spindelegger CJ, Asenbaum S, et al. Haloperidol in combination with clozapine in treatment-refractory patients with schizophrenia. *Eur Neuropsychopharmacol.* 2006;16(Suppl 4):S416.
31. Millar H, Felter C, Landsberg W. The effects of aripiprazole in combination with clozapine: patient functioning results from a double-blind, 16-week study in patients with schizophrenia (CN138-170). *J Psychopharmacol.* 2008;22(5):A17.
32. Richardson CM, Feldman S, Kelly DL, Ball MP, Boggs DL, Weiner E, et al. Metabolic side effects of combined antipsychotic treatment: results from a double blind trial of adjunctive risperidone in clozapine treated people with treatment-resistant schizophrenia. *Schizophr Bull.* 2009;35(Suppl 1):38-9.