taking into account their views and potential risks and benefits of treatment options. Production of evidence-based patient information aimed at facilitating discussion and assisting an informed choice might be one way forward. As for increasing training exposure, consultants of today need to start considering the older antipsychotics as viable treatment options.

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References

 Bret P, Bret MC, Queuille E. Prescribing patterns of antipsychotics in 13 French psychiatric hospitals [in French]. L'Encephale 2009; 35: 129–38.

- 2 Koranek AM, Smith TL, Mican LM, Rascati KL. Impact of the CATIE trial on antipsychotic prescribing patterns at a state psychiatric facility. Schizophr Res 2012: 137: 137–40.
- **3** Park SC, Lee MS, Kang SG, Lee SH. Patterns of antipsychotic prescription to patients with schizophrenia in Korea: results from the health insurance review and assessment service national patient sample. *J Korean Med Sci* 2014; **29**: 719–28.
- 4 Jauhar S, Guloksuz S, Andlauer O, Lydall G, Marques JG, Mendonca L, et al. Choice of antipsychotic treatment by European psychiatry trainees: are decisions based on evidence? *BMC Psychiatry* 2012; **12**: 27.
- 5 Cheng F, Jones PB. Drug treatments for schizophrenia: pragmatism in trial design shows lack of progress in drug design. *Epidemiol Psychiatr Sci* 2013: 22: 223–33.
- 6 Underwood BR. Dominance of second-generation antipsychotics time for reflection? Psychiatr Bull 2007; 31: 233.
- 7 Jones PB, Barnes TR, Davies L, Dunn G, Lloyd H, Hayhurst KP, et al. Randomized controlled trial of the effect on Quality of Life of second- vs first-generation antipsychotic drugs in schizophrenia: Cost Utility of the Latest Antipsychotic Drugs in Schizophrenia Study (CUtLASS 1). Arch Gen Psychiatry 2006; 63: 1079–87.
- 8 Lewis S, Lieberman J. CATIE and CUtLASS: can we handle the truth? Br J Psychiatry 2008; 192: 161–3.
- 9 Lieberman JA, Stroup TS, McEvoy JP, Swartz MS, Rosenheck RA, Perkins DO, et al. Effectiveness of antipsychotic drugs in patients with chronic schizophrenia. N Engl J Med 2005; 353: 1209–23.
- 10 Peluso MJ, Lewis SW, Barnes TR, Jones PB. Extrapyramidal motor side-effects of first- and second-generation antipsychotic drugs. Br J Psychiatry 2012; 200: 387–92.
- 11 National Institute for Health and Care Excellence. Psychosis and Schizophrenia: Treatment and Management (CG178). NICE, 2014.
- 12 Farde L, Nordstrom AL, Wiesel FA, Pauli S, Halldin C, Sedvall G. Positron emission tomographic analysis of central D_1 and D_2 dopamine receptor occupancy in patients treated with classical neuroleptics and clozapine: relation to extrapyramidal side effects. *Arch Gen Psychiatry* 1992; **49**: 538–44
- 13 Owens DC. Meet the relatives: a reintroduction to the clinical pharmacology of 'typical' antipsychotics (Part 2). Adv Psychiatr Treat 2012; 18: 337–50.
- 14 Karthik MS, Warikoo N, Chakrabarti S, Grover S, Kulhara P. Attitudes towards antipsychotics among patients with schizophrenia on first- or second-generation medications. *Indian J Psychol Med* 2014; 36: 288–93.





