



## SCHIZOPHRENIA Factsheet

October 2020

### What are social functioning treatments?

Poor social and interpersonal skills can prevent people from interacting effectively with other people. Psychosocial programs targeting the improvement of social skills are designed to allow people to achieve greater social and community functioning. Antipsychotics may also improve social skills.

### What is the evidence for pharmaceutical effects on social functioning?

Moderate to high quality evidence (in order of descending effects, first being best), suggests there were improvements in social functioning with thioridazine, olanzapine, paliperidone, quetiapine, lurasidone, and brexpiprazole compared to placebo. There were no improvements with aripiprazole, sertindole, amisulpride, ziprasidone, flupentixol, and risperidone.

For side effects (in order of first being best), there was a large effect of less use of antiparkinson drugs with clozapine, and more use of antiparkinson drugs with paliperidone, ziprasidone, risperidone, lurasidone, zotepine, cariprazine, chlorpromazine, sulpiride, perphenazine, molindone, zuclopenthixol, trifluoperazine, flupentixol, haloperidol, loxapine, penfluridol, fluphenazine, chlorpromazine, thiotixene and pimozide. There was more akathisia with aripiprazole, ziprasidone, thioridazine, asenapine, amisulpride, chlorpromazine, thiotixene, risperidone, cariprazine, loxapine, haloperidol, lurasidone, trifluoperazine, sulpiride, molindone, penfluridol, pimozide, fluphenazine, flupentixol, and zuclopenthixol. There was more weight gain with haloperidol, amisulpride, asenapine, risperidone, paliperidone, clozapine, quetiapine, iloperidone, chlorpromazine, sertindole, olanzapine, and zotepine. There was less prolactin elevation with aripiprazole, clozapine, and zotepine, and more prolactin elevation with olanzapine, asenapine, lurasidone, sertindole, haloperidol, amisulpride, risperidone, and paliperidone. There was more sedation with aripiprazole, lurasidone, haloperidol, risperidone, asenapine, loxapine, olanzapine, chlorpromazine, thioridazine, thiotixene, ziprasidone, perazine, clozapine, clopenthixol, quetiapine, sulpiride, zotepine, and zuclopenthixol. There was more QTc prolongation with quetiapine, olanzapine, risperidone, iloperidone, ziprasidone, amisulpride, and sertindole.

For further information see the technical table

## HOW YOUR SUPPORT HELPS

We are able to make significant advances due to the generosity of countless people. Your donation allows us to continue to work towards transforming lives. For information on how you can support our research, phone **1300 888 019** or make a secure donation at [neura.edu.au/donate/schizophrenia](http://neura.edu.au/donate/schizophrenia).



*NeuRA (Neuroscience Research Australia) is one of the largest independent medical and clinical research institutes in Australia and an international leader in neurological research.*

*Diseases of the brain and nervous system pose the greatest health, economic and social burden of any disease group because they are chronic, debilitating and have no known cures.*

*Medical research is the cornerstone of efforts to advance the health and wellbeing of families and the community. Our dedicated scientists are focussed on transforming their research into significant and practical benefits for all patients.*

*While we hope you find this information useful, it is always important to discuss any questions about schizophrenia or its treatment with your doctor or other health care provider.*