Sexual dysfunction is common in people with prodromal or first-episode psychosis

Tiago Reis Marques, Shubulade Smith, Stefania Bonaccorso, Fiona Gaughran, Anna Kolliakou, Paola Dazzan, Valeria Mondelli, Heather Taylor, Marta DiForti, Philip K. McGuire, Robin M. Murray and Oliver D. Howes

Background
Sexual dysfunction is common in psychotic disorder but it is not clear whether it is intrinsic to the development of the illness or secondary to other factors.

Aims
To compare sexual function in people at ultra-high-risk (UHR) of a psychotic disorder, patients with first-episode psychosis predominantly taking antipsychotic drugs and healthy volunteers.

Method
Sexual function was assessed in a UHR group (n=31), a group with first-episode psychosis (n=37) and a matched control group of healthy volunteers (n=56) using the Sexual Function Questionnaire.

Results
There was a significant effect of group on sexual function (P<0.001). Sexual dysfunction was evident in 50% of the UHR group, 65% of first-episode patients and 21% of controls. Within the UHR group, sexual dysfunction was more marked in those who subsequently developed psychosis than in those who did not. Across all groups the severity of sexual dysfunction was correlated with the severity of psychotic symptoms (P<0.001). Within the first-episode group there was no significant difference in sexual dysfunction between patients taking prolactin-raising vs. prolactin-sparing antipsychotics.

Conclusions
Sexual dysfunction is present prior to onset of psychosis, suggesting it is intrinsic to the development of illness unlikely to be related to the prolactin-raising properties of antipsychotic medication.

Declaration of interest
R.M.M. has received honoraria for lectures from Janssen, AstraZeneca, Lilly, Novartis and Bristol-Myers Squibb. F.G. has a family member employed by GlaxoSmithKline and has received honoraria for talks and advisory work from Roche and Bristol-Myers Squibb.

Sexual dysfunction is common in people with schizophrenia and other psychotic disorders, with reported prevalence rates of 30–80% in women and 45–80% in men. It is known to affect all domains of sexual function, including desire, arousal, erection, ejaculation and orgasm; and despite being known to be a major cause of poor quality of life and non-adherence to medication, it is generally underestimated, often neglected and poorly managed. So far, sexual dysfunction has been largely attributed to the deleterious effect of antipsychotic medication, although recent data suggest that it may be a consequence of the disease itself and may also be related to symptom severity. We predicted that if sexual dysfunction were an intrinsic function of psychotic disorders it would be evident in people with prodromal symptoms before the full development of frank illness and before the start of treatment with antipsychotic medication. To test this hypothesis we assessed the prevalence of sexual dysfunction in individuals at ultra-high risk of psychosis, and compared this with prevalence rates in patients with first-episode psychosis and a healthy control group. We also examined the association between sexual function and symptoms.

Method

Sample
Ultra-high risk group
Thirty-one individuals (mean age 26.8 years, s.d. = 6.88, 62% male) were recruited from Outreach and Support in South London, a clinical service for young people at high risk of developing psychosis. Participants were assessed using the Comprehensive Assessment of At-Risk Mental States (CAARMS), and the diagnoses were confirmed at a consensus meeting of the clinical team. To be included in the study, participants needed to meet the CAARMS criteria for attenuated positive psychotic symptoms, indicating that they were at ultra-high risk of psychosis. None of the individuals in this ultra-high risk (UHR) group had received antipsychotic treatment at the time of assessment. All received regular clinical monitoring for at least 2 years to determine their subsequent clinical outcome: 6 persons in this group subsequently developed a psychotic disorder meeting ICD-10 criteria within the follow-up period (UHR transition subgroup) and 25 did not (non-transition subgroup).

First-episode psychosis group
We recruited 37 patients with a first episode of psychosis (mean age 28.5 years, s.d. = 7.33, 60% male) from the South London and Maudsley National Health Service (NHS) Foundation Trust, as part of the Improving Physical Health and Reducing Substance Use in Severe Mental Illness and the Genetic and Psychosis studies. All patients aged 18–65 years who met ICD-10 criteria for a diagnosis of a psychotic disorder (codes F20–F29 and F30–F33) were invited to participate in the study. The clinical diagnosis was obtained by administering the Schedules for Clinical Assessment in Neuropsychiatry (SCAN). Most people in this group were taking atypical antipsychotics (n = 29), except for 3 who were taking typical antipsychotics (haloperidol n = 2, trifluoperazine n = 1) and 5 who were medication-naive. Among the patients taking medication, 13 were taking antipsychotics
known to be relatively sparing of prolactin (ziprasidone, aripiprazole, quetiapine, olanzapine and clozapine), whereas 19 were taking antipsychotics with a propensity to elevate prolactin (all the remaining antipsychotics). For classification of prolactin-raising/sparing antipsychotics, see The Maudsley Prescribing Guidelines. Among those prescribed antipsychotics, the mean duration of treatment was 33.7 days (s.d. = 4.8, range 0–122) and the mean daily dose, expressed as chlorpromazine equivalents, was 322.9 mg (s.d. = 114.2).20

Control group

We recruited 56 healthy individuals (mean age 27.6 years, s.d. = 4.64, 50% male) from the same geographical area served by the mental health trust, by advertisement and from local general practice clinics. They were matched to the other samples on the basis of gender, age and estimated premorbid IQ score (1 s.d.).

Exclusion criteria

Exclusion criteria for all participants were any history of a medical or physiological cause of gonadal or sexual dysfunction (including hypothryoidism, diabetes mellitus or other endocrine or metabolic disorder, vascular disorders and neurological disorders), history of head trauma or injury, history of serious medical or surgical illness, intellectual disability, history of current or past organic psychosis or substance dependence, and being a non-native English speaker. Additional exclusion criteria for the control group were current psychiatric disorder, history of psychiatric illness and family history of any psychiatric disorder as assessed by an experienced psychiatrist in a detailed clinical interview.

Ethical approval was obtained from the hospitals and the Institute of Psychiatry research ethics committees. All participants came from the same London catchment area served by the Maudsley and King's College hospitals and gave written informed consent to participate in the study and for publication of data from the study.

Assessment

All participants completed the Sexual Function Questionnaire (SFQ), a structured self-report instrument that has been validated and specifically constructed to assess sexual function in patients with mental illness, including those with psychotic disorders.5 It contains 30 questions in total, requiring 'true or false' answers, and assesses sexual function over the past month. It does not assess changes following specific factors such as medication. The questionnaire includes subscales assessing libido, physical arousal, erectile function, masturbation, orgasm and ejaculation, and assesses the frequency and quality of function in each of these domains.5 It was designed so that the assessment of sexual function is not biased by whether the respondent has a sexual partner or not. Higher scores indicate greater impairment and a total SFQ score of 8 or above is the cut-off indicating sexual dysfunction. Psychotic symptoms were evaluated at the time of this assessment using the Positive and Negative Syndrome Scale (PANSS).23 The PANSS is a 30-item scale developed in order to provide a well-defined instrument to specifically assess both positive and negative symptoms of schizophrenia as well as general psychopathology. Depressive symptoms were assessed using the Calgary Depression Scale,22 which has been specifically validated to assess the level of depression in schizophrenia. Premorbid IQ was estimated using the New Adult Reading Test.23

Statistical analysis

A power calculation was conducted using the effect size for the SFQ difference between patients with chronic psychosis and a control group from our previous study. This indicated that a minimum group size of 10 was needed to detect a difference with 80% power at α = 0.05. Results were analysed using SPSS version 17.0 for Mac. Demographic variables were analysed using analysis of variance for continuous variables and chi-squared tests for non-parametric variables and bivariate correlations. We compared sexual function (SFQ total and subscale scores) between the UHR, first-episode psychosis and control groups using one-way analysis of covariance, controlling for age, as it is recognised that sexual function declines with age. Tukey honestly significant difference (HSD) tests were used for post hoc analysis of differences between groups. An exploratory analysis was conducted using Student’s independent t-tests to determine whether there was a difference in SFQ scores between the UHR transition and non-transition subgroups, between the non-transition subgroup and the control group, and between the transition subgroup and the first-episode psychosis group. Linear regression was used to test the hypothesis that sexual function was related to psychopathologic disorder, using SFQ total score and SFQ cut-off score as the dependent variables and positive, negative and general symptoms as independent variables. There is an established link between depressive symptoms and poor sexual function.24 Because of this, where there was a significant relationship, the analysis was repeated including depressive symptom score (Calgary Depression Scale) as a covariate to determine whether the relationship were independent of depressive symptoms.

Results

Data on 124 participants who met the inclusion criteria were analysed. Table 1 reports the demographic and clinical measures for each group. Age (F(2,1290) = 0.673, P = 0.512) and gender (χ2(2) = 1.2, P = 0.547) were not significantly different between groups. There was, as expected, a significant effect of group on PANSS and Calgary Depression Scale scores (Table 1).

Sexual function scores

Figure 1 shows the mean total sexual dysfunction scores for each group. There was a significant effect of diagnostic group on sexual functioning (F = 13.36, d.f. = 3, P < 0.001) with age as a covariate. There was no main effect of gender (F = 1.21, d.f. = 2,122, P = 0.274) and no interaction between gender and diagnostic group (F = 2.33, d.f. = 1,122, P = 0.102).

Using the SFQ cut-off for sexual dysfunction, 50% of the UHR group showed at least one type of clinical sexual dysfunction, compared with 65% of the first-episode psychosis group and 21% of the control group (Fig. 1). Table 2 lists the mean scores in each area of sexual function according to diagnosis, indicating that there was a significant effect of diagnostic group across several domains of sexual function. When the UHR group was compared with the control group there were significant differences between them in total SFQ score (P = 0.001) and across all domains of sexual function, except for ejaculatory dysfunction (P = 0.764), vaginal responsiveness (P = 0.162) and masturbation (P = 0.616). There was no significant difference in total SFQ or domain scores between the UHR and first-episode psychosis groups (all P > 0.1), apart from scores on masturbation (P = 0.02) where the first-episode psychosis group had significantly higher scores than the UHR group.

The UHR group members who made the transition to psychosis had a significantly higher total score on the SFQ (mean
Sexual dysfunction in early psychosis

Table 1  Demographic and clinical characteristics of the sample

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<th>First-episode psychosis group (n = 37)</th>
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<td><strong>Gender, n (%)</strong></td>
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<tr>
<td>Male</td>
<td>19 (62)</td>
<td>22 (60)</td>
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<td>Female</td>
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CDS, Calgary Depression Scale; PANSS, Positive and Negative Syndrome Scale; UHR, Ultra-high risk.

Table 2  Sexual Function Questionnaire subdomain scores

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a. Significant difference between UHR and control groups (P < 0.05, adjusted for multiple comparisons using Tukey’s test).

b. Significant difference between first-episode psychosis and control groups (P < 0.05).

c. Significant difference between first-episode psychosis and UHR groups (P < 0.05).

Figure 1  Sexual Function Questionnaire (SFQ) scores in the three diagnostic groups. Higher values indicate poorer sexual function; error bars indicate 95% confidence intervals. UHR, Ultra-high risk.

Figure 2  Sexual Function Questionnaire (SFQ) scores in the different diagnostic groups, with the group at ultra-high risk (UHR) of psychosis divided into those who made the transition to psychosis (UHR converted) and those who did not (UHR). Higher values indicate poorer sexual function; error bars indicate 95% confidence intervals.

Relationship between sexual function, psychopathology and medication

Figure 3 shows the results of a linear regression analysis testing the hypothesis that sexual function is associated with symptom severity. There was a significant positive relationship in total SFQ score between the transition subgroup and the first-episode psychosis group (t(41) = 1.2, P = 0.237).

Total score 13.16 (s.d. = 6.70) compared with those who did not (mean total score 7.5, s.d. = 5.70; t(28) = -2.1, P = 0.028), indicating poorer sexual functioning in the transition subgroup (Fig. 2). Using the SFQ cut-off for sexual dysfunction, 83% of the UHR transition subgroup showed sexual dysfunction in one or more domains compared with 42% in the non-transition subgroup. Nevertheless, the SFQ total score was significantly higher in the non-transition subgroup than in the control group (t(61) = 7.21, P = 0.044). There was no significant difference in total SFQ score between the transition subgroup and the first-episode psychosis group (t(41) = 1.2, P = 0.237).

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clinical sample between total PANSS scores and total SFQ scores ($r(62) = 0.497$, $P<0.001$), indicating that the more severe the symptoms, the worse the sexual function. Controlling for depressive symptoms, the strength of the association between total PANSS and SFQ scores was weakened but still remained highly significant ($r(62) = 0.318$, $P=0.004$), indicating that greater symptom severity was associated with poorer sexual functioning independent of the presence of depressive symptoms. Finally, when data from the subsample of antipsychotic-naive patients were analysed independently, the relationship between severity of sexual dysfunction and severity of illness remained ($r(5) = 0.305$, $P=0.003$).

**Discussion**

To our knowledge this is the first study to assess sexual function in individuals at ultra-high risk of psychosis. Our results show that sexual function is impaired prior to the onset of the first psychotic episode, with half of these individuals showing evidence of sexual dysfunction. These high rates of dysfunction are not specific to particular domains of sexual function, affecting sexual interest (libido) and arousal as well as erectile functioning and orgasm. The observed impairment was significantly greater than in healthy individuals, and similar to that found in the first-episode psychosis group, across most of the domains of sexual function. Furthermore, greater symptom severity in this group was associated with greater impairment in sexual function. We did not find an effect of gender or interaction between gender and diagnostic group on total sexual function, indicating that there was no difference between men and women in either diagnostic group in the degree to which their sexual function was impaired.

**Early dysfunction**

Previous studies have shown that sexual dysfunction is already present at illness onset,25,26 and in antipsychotic-naive patients,27 and a positive relationship between the severity of the illness and the severity of sexual dysfunction has also been found.1,2,8,29 Our study confirms and extends these findings, showing for the first time that sexual dysfunction is present in individuals at ultra-high risk of psychosis, even prior to disease onset and in the absence of antipsychotic medication. The positive linear relationship between symptom severity and total SFQ score after adjusting for depressive symptoms is further support for a link between developing illness and sexual dysfunction in psychosis. Our results thus extend previous findings and suggest that sexual dysfunction is a feature of vulnerability to or development of a psychotic illness, rather than due to antipsychotic medication or other treatment factors. One might argue that the observed relationship could be an epiphenomenon of antipsychotic treatment, as higher doses of antipsychotic medication could be associated with more severe illness. However, our analysis showed that the positive linear relationship between symptom severity and total SFQ score was also present in patients who were antipsychotic-naive, suggesting that the reported finding was not an effect of antipsychotic treatment.

**Other factors**

The importance of depressive symptoms in the aetiology of sexual dysfunction in psychotic disorders has been controversial, with some studies pointing towards a direct effect of depressive symptoms on sexual function,30 and others finding no association between these variables.4,29 Our data indicate that although depressive symptoms contribute to sexual dysfunction they do not fully explain all the sexual impairment seen in people with a psychotic disorder, and suggest that a component of sexual dysfunction is linked to the psychotic symptoms. The link between symptoms and sexual dysfunction suggests that they are mediated by the same underlying neurobiological factors. One potential candidate is dopaminergic dysfunction, which is already present at the ultra-high-risk stage, but appears to progress with the later onset of psychosis,25,32 and may disrupt motivational processing and arousal pathways required for sexual function.53

We did not find any difference in sexual function between patients taking relatively prolactin-raising and relatively prolactin-sparing antipsychotics. Although this finding is in line with some studies,4 it contrasts with others.13,34 This finding should be interpreted cautiously because the sample size was small and does not preclude other side-effects due to prolactin elevation.36–37

**Limitations**

Our study has several limitations. First, we did not assess hormonal levels, making it impossible to analyse the association between sexual function and sex hormones or prolactin. Although several studies have reported associations between these factors, our study focused on the sexual functioning in a non-medicated group in whom we expected prolactin levels to be normal. Second, the size of the UHR subgroup who subsequently developed a psychotic disorder was small. Third, we were unable to examine subdomains of sexual function owing to power limitations, and so further studies are needed to determine whether there are differences in particular domains of sexual function according to gender and diagnostic group. Fourth, most of the participants in the first-episode psychosis group were taking antipsychotic drugs. Such drugs may impair sexual dysfunction through direct and indirect mechanisms, including the effect of higher prolactin...
levels on gonadal hormone levels, and other mechanisms such as alpha-2-adrenergic blockade. However, antipsychotic treatment might also improve some aspects of sexual functioning, by reducing positive and negative symptoms and thus improving libido, for example. Although we cannot exclude an antipsychotic effect on sexual function in the first-episode psychosis group, this was not a factor in the UHR group because none of them were receiving antipsychotic treatment. Moreover, the duration of treatment in the first-episode psychosis group was brief and the doses involved were low. Finally, although the similar profiles of sexual dysfunction in the two patient groups suggest a common underlying factor, it is possible that different factors underlie the sexual dysfunction in each group. Antipsychotic drug treatment in the first-episode psychosis group could (by treating the psychosis) improve aspects of sexual function, but at the same time lead to treatment-emergent sexual side-effects possibly due to monoaminergic, adrenergic or muscarinic actions. A prospective study is needed to evaluate this.

In summary, impaired sexual function is evident prior to the first episode of psychosis in people who are yet to receive antipsychotic medication and in a similar degree to that seen in people with a first psychotic episode, and is also related to the severity of psychotic symptoms.

Tiago Reis Marques, MD, Department of Psychiatry Studies, Shubulade Smith, MRCPsych, Department of Forensic and Neurodevelopmental Science; Stefania Bonaccorso, MD, Fiona Gaughran, FRCPsych, Anna Koliakou, MSc, Paola Dazzan, MRCPsych, Department of Psychiatry Studies; Valeria Mondelli, MD, Department of Psychological Medicine, Heather Taylor, MSc, Marta DiForti, MD, Philip K. McGuire, FRCPsych, Robin M. Murray, FRs, Oliver D. Howes, MRCPsych, Department of Psychiatry Studies, Institute of Psychiatry, King’s College London, UK.

Correspondence: Dr Tiago Reis Marques, PO Box 063, Department of Psychiatry Studies, Institute of Psychiatry, De Crespigny Park, London SE5 8AF, UK. Email: tiago.marques@kcl.ac.uk

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References

14 Wing JK, Babor T, Brugha T, Burke J, Cooper JE, Giel R, et al. SCAN. Schedules for Clinical Assessment in Neuropsychiatry. Arch Gen Psychiatry 1990; 47: 589–93.
17 Fay SR, Fiszbein A, Opler LA. The positive and negative syndrome scale (PANSS) for schizophrenia. Schizophr Bull 1987; 13: 261–76.
It was born of defective immunity coupled with a bout of HPV gone wild. The result was triple-threat surgery: two external bags and pelvic exoneration.

The family grieved for their poet daughter, pleading to save her clitoris, all privacy long gone, but after surgery and radiation, there remained the threat of fistulas, and worse.

In lieu of passion, painkillers flowed.

Send no Mapplethorpe flowers... 

At the change of dressings, she looked up and told the nurse, as if seeking a less vulnerable sister, “Who will even look at me now?”

On the departure of the night nurse, she takes up a pen. Before she leaves the hospital, she gives me this poem:

CA VULVA
These pouting lower lips, now stripped from their cords Were gateways to encounters, desire its own reward. Drop them in a post-op bucket, close what remains like a purse; May the long road to sexless survival replace any lyrical verse. No more will a throb in my body open the gates of my heart; All the unrehearsed recitations will fall flat as sensation departs. Pare away at this bestial cancer, pare away at the seat of my lust, Whet your knife on your surgical training, and continue to do what you must. But be still about ‘positive outcomes’, make no effort to cheer me in vain, Give me nothing but long, pregnant silence, and narcotics to cope with the pain. For I will awake from my slumber remembering all that I miss, The slow rise of desperate excitement, the fire-in-the-genital kiss.

Ron Charach took his medical degree at the University of Manitoba, Canada. He trained in psychiatry in Toronto and New York, and has lived in Toronto since 1980. Dr Charach is the author of nine books of poetry and the non-fiction book Cowboys and Bleeding Hearts: Essays on Violence, Health and Identity. This poem is from his new volume of poetry Forgetting the Holocaust, published in Calgary, Alberta, by Frontenac House (2011) © Ron Charach.

Chosen by Femi Oyebode.
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