

A subsequent intervention to the proforma assessment tool to prompt these discussions improved these behaviours, there was no impact on the rates of antipsychotic prescribing.

Despite increased attention regarding the limited benefits of antipsychotic medication in BPSD their use remains widespread. Due attention must be given to changing this practice in order to protect this vulnerable patient group.

### The monitoring and use of Pro re nata (PRN) psychotropic medication for people with learning disabilities on an inpatient ward

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**Aims.** This project was designed to evaluate the use of PRN medication and PRN monitoring charts on an adult learning disability ward. These charts had been designed by the trust to provide us with a way of monitoring the use of psychotropic PRN medication to ensure monitoring of treatment response, physical health and side effects.

**Method.** The data were collected from PRN monitoring charts, electronic case notes and electronic prescribing chart records for all patients on an adult learning disability inpatient unit. The sample consisted of 7 patients who had been prescribed and/or received PRN psychotropic medication over a five week period. Quantitative data were derived by simple calculation for the total amount of PRN medication used and number of PRN monitoring charts completed. Qualitative data were collected of prescription charts and PRN protocols which is supposed to guide treatment.

**Result.** Out of all the incidences where PRN medication was administered, only 64% of monitoring charts were completed. Out of the 7 patients on the ward, 6 had PRN protocol charts and for only 5 patients these were followed.

**Conclusion.** Clinical practice must be improved. The results were presented to ward staff and doctors to discuss the implications for patient care and ways to improve clinical practice by ensuring full monitoring of the use of PRN medication to help reduce the over-medication of people with learning disability by improving the use of the PRN charts. NICE guidelines and The Royal College of Psychiatrists have published guidelines on the prescription of psychotropic drugs for people with learning disabilities. NHS England have also published an article to discourage over-medication of people with learning disabilities. There is a risk that doctors are prescribing medication to treat behaviour that is an expression of distress or a mode of communication rather than a mental disorder. Doctors have a responsibility to ensure they have fully assessed the person's potential to benefit from medication before they prescribe. The audit would serve to provide a baseline for this team prior to any audits in the future.

### Improving baseline and follow-up physical health monitoring when commencing oral antipsychotics

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**Aims.** NICE guidelines suggest baseline physical health monitoring be performed prior to commencing antipsychotics, in addition to

follow-up monitoring for adverse effects for at least 12 months. 'Shared Care Guidelines' were adapted from NICE guidance for local use in North East Lincolnshire. Nevertheless, a local audit published in 2018 reported low compliance with baseline monitoring in community mental health teams (CMHTs) compared to inpatient teams. The parameter most infrequently performed overall was the Glasgow Antipsychotic Side Effect Scale (GASS) questionnaire.

This study aimed to assess whether compliance with baseline physical health monitoring had improved in line with the previous audit's recommendations. Additionally, it aimed to expand on previous findings by adding compliance data for follow-up physical health checks and produce further recommendations to optimise performance.

**Method.** A retrospective re-audit was performed in NAViGO Health and Social Care to assess compliance with the guidelines for physical health monitoring when commencing antipsychotics in previously antipsychotic-naïve patients. Patient records were examined for which recommended physical health checks were performed at baseline, and at 1-, 3- and 6- months from commencing antipsychotics.

**Result.** 15 eligible patients were identified to have been commenced on antipsychotics, 8 patients under a CMHT and 7 under an inpatient team. The average overall compliance at baseline for checking 16 parameters was 50%. For the CMHT, compliance was 60%, compared to 38% for the inpatient team. Across both teams, baseline compliance was highest for renal function tests, liver function tests, and blood pressure and pulse (80%). For 1-, 3-, and 6- month checks, overall compliance for checking recommended parameters were 33%, 29% and 29% respectively. GASS monitoring compliance was 7% at baseline, 0% at 1- and 3-months, 7% at 6-months.

**Conclusion.** The CMHT performed better than the inpatient team at baseline monitoring. This may reflect action on the previous audit's recommendations to increase provision of community 'Wellbeing Health Improvement Service' (WHISe) clinics. However, performance of the GASS questionnaire at baseline was consistent with the previous audit, with similar performance at follow-up extending these findings.

In response, the first recommendation is for Quality Improvement Activities to help improve compliance with the 'Shared Care Guidelines'. This may include CQUINs and further provision of community clinics to improve compliance with both baseline and follow-up checks. Secondly, it is proposed that GASS questionnaires be sent to patients prior to appointments to be completed in advance to avoid further risk of GASS being incomplete.

### Audit of inpatient smoking cessation advice

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**Aims.** Audit carried out to assess whether or not patients had been asked about their smoking status during admission onto an acute adult mental health ward, as well as if they had received any smoking cessation advice or offered nicotine replacement therapy.

#### Background.

- Physical health outcomes in patients with serious mental illness (SMI) are consistently worse than the general public This is due to multiple factors; adverse effects of medication (including metabolic syndromes with psychotropics) as well as poor life-style factors such as smoking status