

**Result.** All reflections moved away from a technical understanding of schizophrenia, towards person-centred interpretations, with dominant themes of ‘stigma’, ‘disempowerment’, ‘understanding people as individuals’, ‘subjective experience of mental illness’, ‘inclusion’ and ‘healing power of nature’.

The three prize winners (authors GY, AK and KT) used different mediums: GY painted an osprey over a chaotic collage of disordered and stigmatizing words (the osprey representing empowerment and the “reservoir for wellbeing in nature”); AK’s sonnet began as an ode to the chaos of Justin’s experience, but the concluding lines reframed this struggle, conveying feelings of hope and beauty; and KT’s self-portrait, produced with a slow shutter-speed photograph, powerfully conveyed a sense of disorientation and disturbance. She reflected on how the stigma of mental illness affects self-perception. The talk was well-attended, and reflections were of high quality. A limitation of this pilot was that only a small proportion of students completed the reflective assignment.

**Conclusion.** Innovative teaching strategies are needed to address negative attitudes towards mental illness and psychiatry, which are prevalent amongst the medical profession. This pilot provides a model for combining carer-led, reflective, and creative elements in undergraduate psychiatry teaching, with the aim of challenging stigma. This model will be evaluated in a further study involving fifth year medical students, which will use a validated scale to measure change in students’ attitudes towards mental illness and psychiatry.

### An audit on consent to treatment within forensic inpatient units at the Newsam Centre

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**Aims.** We aimed to investigate the adherence to the Mental Health Act Code of Practice and the adequate documentation of consent to treatment across three forensic low secure inpatient units.

**Method.** Our sample included all inpatients detained on three forensic wards at The Newsam Centre. This included a total of 31 patients with an age range of 25 to 59 years. The Mental Health Act Code of Practice was used as criteria for audit standards. Data were collected using Microsoft Excel and analysed using descriptive methods.

**Result.** We found that 28 patients out of 31 had been admitted for over three months and of these patients 12 were subject to a T2 and 16 subject to a T3. A total of 24 patients had their CTT medication list documented on the online drug chart; with a remaining seven patients who did not. As per guidelines, 27 patients had the appropriate medications prescribed as per their CTT, however one patient did not. The audit revealed a total of two patients currently on a Section 62. Of the qualifying T3 forms, four patients had this reviewed every two years whilst there was one patient who had not.

**Conclusion.** We found that the adherence to Mental Health Act Code of Practice was overall positive with the majority of service users being reviewed appropriately and documented as per guidance. However, areas identified for improvement included the recording of CTT on online drug charts as well as reviewing T3 every two years. This audit highlights the need for easy access to guidance, appropriate documentation as well as frequent checking of adherence. A leaflet has been created outlining the guidelines and will be distributed to all staff working within the forensic settings and placed in easily accessible locations. As

further recommendations from this audit we advise all wards to plan weekly checks during team meetings to ensure information is up to date and that all staff are aware of any discrepancies. A re-audit is planned in the coming months to re-assess adherence after implementation of the interventions.

### Comorbidity of self-harm and disordered eating in young people: evidence from a UK population-based cohort

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**Aims.** Self-harm and eating disorders are often comorbid in clinical samples but their co-occurrence in the general population is unclear. Given that only a small proportion of individuals who self-harm or have disordered eating present to clinical services, and that both self-harm and eating disorders are associated with substantial morbidity and mortality, we aimed to study these behaviours at a population level.

**Method.** We assessed the co-occurrence of self-harm and disordered eating behaviours in 3384 females and 2326 males from a UK population-based cohort: the Avon Longitudinal Study of Parents and Children (ALSPAC). Participants reported on their self-harm and disordered eating behaviours (fasting, purging, binge-eating and excessive exercise) in the last year via questionnaire at 16 and 24 years. At each age we assessed how many individuals who self-harm also reported disordered eating, and how many individuals with disordered eating also reported self-harm.

**Result.** We found high comorbidity of self-harm and disordered eating. Almost two-thirds of 16-year-old females, and two-in-five 24-year-old males who self-harmed also reported some form of disordered eating. Young people with disordered eating reported higher levels of self-harm at both ages compared to those without disordered eating.

**Conclusion.** As self-harm and disordered eating commonly co-occur in young people in the general population, it is important to screen for both sets of difficulties to provide appropriate treatment.

### Exploring the relationship between anxiety, depression and wellbeing in doctors: a national cross-sectional survey and interviews

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**Aims.** To examine the relationship between depression, anxiety and wellbeing in doctors.

**Background.** The relationship between doctor wellbeing and mental health diagnoses is not well evidenced in the literature. There is a lack of comparable measurement of wellbeing in doctors within the National Health Service, meaning the effectiveness of wellbeing interventions is unknown.

**Method.** A cross-sectional survey containing the PHQ9, GAD7 and WEMWBS questionnaires to measure depression, anxiety and wellbeing respectively, was advertised online nationally. The relationships between the total scores were explored using Spearman's rho correlation coefficients and Chi square tests. Thematic analysis of semi-structured interviews offered further insights.

**Result.** Sixty-seven doctors returned completed questionnaires. 29.9% had PHQ9 scores  $>5$  and 41.8% had GAD7 scores  $>5$ . Therefore, over a quarter of the participants had a score that would suggest a management plan was needed for depression, and a third for anxiety. Moderate negative correlation between the total WEMWBS scores and the total PHQ,  $r_s = -0.775$ ,  $p = 0.00$ ,  $N = 67$  and GAD7 scores  $r_s = -0.724$ ,  $p = 0.00$ ,  $N = 67$  was seen. Statistically significant differences between those with low wellbeing scores ( $WEMWBS < 40$ ) and normal wellbeing scores ( $WEMWBS \geq 40$ ) in relation to the need for a management plan for depression ( $PHQ9 > 10$ )  $X^2 (1, N = 67) = 12.395$ ,  $p = 0.00$  and anxiety ( $GAD7 > 10$ )  $X^2 (1, N = 67) = 5.611$ ,  $p = 0.018$  were seen. The main themes identified from the interviews ( $n = 10$ ) were the importance of social support outside of work, cynicism about an NHS plan check-in and a tendency to neglect wellbeing until it has dipped.

**Conclusion.** There is a moderate negative correlation between anxiety, depression and wellbeing, but they are not opposites and separate measures for wellbeing should be used. It is clinically useful to note that only those with a WEMWBS score of  $<45$  had a PHQ9 score suggesting the need for treatment of depression.

## Striving for better communication - an audit

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**Aims.** The aim of this audit is to assess communication between the general and psychiatric hospital. This audit was prompted after a number of patients were transferred to Udston Hospital, a community hospital with two older adult acute mental health wards, with no written communication. This led to several significant issues including medication errors, ambiguity regarding patient escalation plans and uncertainty regarding what had been discussed with families.

**Method.** Over the course of one month eight patients were identified who had been transferred from the acute site to Udston Hospital. Three were new admissions to Udston, four were returning after treatment for physical illness, and one returned following assessment in ED. Data were collected by examining paper and electronic notes, and analysed using Excel. The results of this audit were discussed at the local clinical governance meeting. A 2nd cycle was performed. Eight transfers were identified. Four were returning after an assessment in ED, two were new admissions to Udston and two were returning after treatment for physical illness.

**Result.** Initial audit found that 38% of patients were transferred with their medical notes, 50% were transferred with no written documentation whatsoever, and none of the patients were

transferred with a transfer letter. The second cycle found that 88% of patients had a transfer or discharge letter. 12% of patients came with no written documentation.

**Conclusion.** The initial audit found significant deficiencies in communication. Highlighting the need for all patients to have a transfer letter at a local management meeting seems to have led to an improvement. However, differences between the samples in the 1st and 2nd audit cycle could be distorting the results. Further audits would be useful given the small sample size and due to the differences between the sample populations.

## Neurodiversity in the teaching of the mental state examination: a pilot study of interactive mind-mapping seminars for the new ScotGem (Scottish graduate-entry medicine) students during the COVID-19 pandemic

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**Aims.** Agility in educational delivery has been catalyzed in response to national restrictions mandated by the recent COVID-19 pandemic. Increased use of assistive technologies further aligns with the General Medical Council's aims that medical educators provide an 'accessible training experience'. The study examined medical students' receptiveness to different types of interactive teaching. Two undergraduate cohorts received teaching on the Mental State Examination, either socially-distanced delivered by traditional powerpoint or remotely by mind-mapping software on a tablet hand-held digital device. We required an effective program which would retain the popular interactive elements of Psychiatry teaching and promote inclusivity across students' diverse learning styles.

**Method.** Two cohorts of Year 2 students from the Universities of Dundee and St Andrew's Scottish Graduate-Entry Medicine (scotGEM) course took part in an Introduction to Psychiatry seminar which involved a presentation of the Mental State Examination. One was conducted in a face-to-face setting via traditional PowerPoint. The second was conducted via remote-conferencing with mindmaps of key concepts drawn and screen-shared live to students as teaching progressed.

This was a qualitative study, with online links to questionnaires for 24 student participants across 5 domains. (1. The tutorial met my learning objectives, 2. The format was suitable for me, 3. The balance of theory and cases was suitable for me, 4. The tutorial was of appropriate length, 5. I was satisfied with the performance) Response options included: strongly disagree, disagree, neutral, agree, strongly agree. A section was also included with open-ended questions pooled for thematic analysis.

**Result.** Response rate reached  $>60\%$  with  $>80\%$  respondents answering strongly agree across all domains. Thematic results demonstrated positive responses across both teaching sessions, with the interactive elements valued by students. Comments included: "great job was done with the delivery of the session considering it was online rather than in person"; "drawing element was fantastic"; "Good: interactivity of the session drawing and creativity element".

**Conclusion.** The Mental State Examination (MSE) via live-drawn mind-maps allows salient clinical information to be conceptualised in non-linear diagrammatic format. This paedagogical approach can offer further access points across wide range of