



Do patients receive the same standard of care out of hours? A comparison of daytime and out of hours mental health presentations to Beaumont Hospital Emergency Department in 2020.

Yasoda Subramanian¹, Jack Barrett¹, San Kim¹, Cornelia Carey¹, Siobhan MacHale¹

¹Department of Liaison Psychiatry, Beaumont Hospital, Dublin, Ireland

INTRODUCTION

- In 2018, there were more than 12,000 self-harm presentations to EDs in Ireland
- 50% occurring between 7pm – 3am
- Alcohol misuse being a factor in a third of cases.
- There is evidence that the quality of assessment and follow up is variable and so the Self-Harm Model of Care was developed to set clear standards.

AIMS

- Identify any differences in diagnosis and management of patients presenting to Beaumont Hospital ED during normal working hours as compared to out of hours (OOH)
- Standards of care will be compared HSE National Clinical Programme Self-Harm Model of Care

METHODS

- Retrospective audit of mental health ED presentations for 2020
- Data was generated by the Psychiatry Electronic Patient Record and collected via NetDiver
- Pearson's chi squared testing was used to determine any differences between normal working hours and OOH presentations

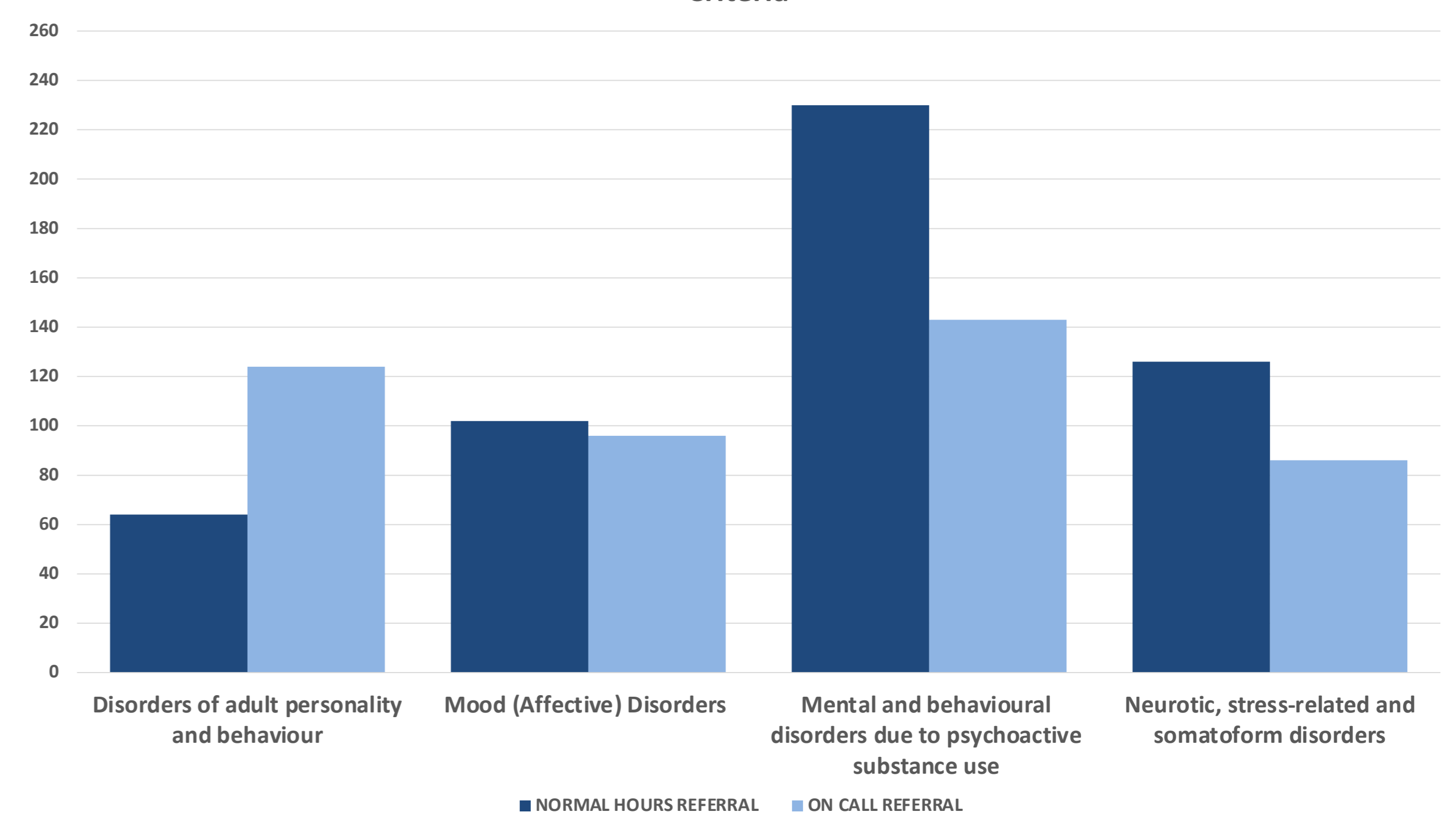
CONCLUSION

- In contrast to previous findings, there were higher proportions of self-harm and suicidal ideation during normal hours compared to OOH in our study.
- Alcohol-related disorders were diagnosed at twice the rate during normal working hours with more referrals being made to addiction services. Given the association between alcohol, self-harm and completed suicide, this an area that merits further exploration and may present training opportunities.
- Furthermore, the voluntary sector appeared to be under-utilised by OOH services and this also presents an important teaching opportunity.

RESULTS

- 1299 mental health referrals were made to Beaumont ED in 2020; 49.6% attended during normal working hours.
- 54.4% presented with self harm during normal working hours, 45.6% presented OOH.
- 58.0% presented with suicidal ideation during normal working hours, 42.0% presented OOH.
- The most common diagnoses were for personality disorder (15%): 36% of these presentations occurred during normal working hours, 64% presented out of hours
- 14.8% of the cases were Alcohol-related disorders (Mental and behavioural disorders due to psychoactive substance use): 70% of these presentations occurred during normal hours, 30% occurred OOH.

Figure 1 - Common Diagnoses that Presented to BH ED Categorized by ICD-10 Criteria



- Significant differences in recommendation of addiction services (17% during normal hours vs 7% OOH, $p < 0.01$) and the voluntary sector (7.5% during normal hours vs 0% OOH, $p < 0.001$)

Figure 2 - Discharge Plans Implemented During Normal Hours vs OOH

