

**Introduction:** The prevalence and pattern of emotional abuse of children in Nigeria is poorly understood. Data from other parts of the world indicate it is commonplace and has enduring negative mental health impact. The current study aims to understand the phenomenon the more.

**Objectives:** To determine the prevalence and pattern of emotional abuse of children in their homes in Nigeria

**Methods:** Cross sectional survey of 1, 5444 secondary school students aged 11-18 years in Ilorin Nigeria using multistage random sampling technique with proportional allocation was done. Respondents completed the ICAST-CH questionnaire which covers child abuse in its several forms including emotional abuse. Prevalence of emotional abuse was computed.

**Results:** All respondents (100%) had experienced emotional abuse at home in the last one year Table 1: Prevalence and pattern of emotional abuse at home among children in Ilorin Nigeria

Emotional Abuse* (n=1554)	Frequency	Percentage
Threatened to hurt or kill you or threatened with evil spirits	1554	100
Screamed at	1528	98.3
Bullied by another child at home	1218	78.4
Insulted	1122	72.2
Made you feel embarrassed	574	36.9
Wished you were dead	224	14.4
Locked out of home	196	12.6
Threatened to abandon you	95	6.1

**Conclusions:** Emotional abuse of children at home is common place in Ilorin Nigeria. It would seem important to educate parents on what emotional abuse is and its potential impact in children.

**Disclosure:** No significant relationships.

**Keywords:** Child; emotional abuse; home

### EPV0318

#### Self reported experience of sexual abuse among children in their homes in Ilorin Nigeria

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**Introduction:** The sexual abuse of children is well documented in literature. Data on it from Nigeria is rather sparse. The current study examines the prevalence and pattern of sexual abuse with a view to increasing our understanding of it.

**Objectives:** To determine the prevalence and pattern of sexual abuse of children at home in Ilorin Nigeria.

**Methods:** A cross sectional survey of secondary school students aged 11-18 years in Ilorin Nigeria using multistage random sampling technique with proportional allocation was done. Respondents

completed the ICAST-CH questionnaire which covers child abuse in its several forms including sexual abuse. Prevalence of sexual abuse was computed.

**Results:** Over a third (586) of participants experienced some form of sexual abuse in the last year. Table 1: prevalence and pattern of sexual abuse at home

Sexual Abuse* (n=586)	Frequency	Percentage
Talked to you in a sexual way	420	71.7
Touched private parts	333	56.8
Showed pornography	149	25.4
Made you look at private parts	136	23.2
Tried to have sex with you (unwilling)	61	10.4
Made a sex video of you	-	-

**Conclusions:** Sexual abuse of children occurs commonly in Ilorin Nigeria. There is a need for further research towards understanding its determinants towards strengthening systems of safeguarding children against it.

**Disclosure:** No significant relationships.

**Keywords:** sexual abuse; Child; home

### EPV0321

#### Electroconvulsive therapy and informed consent in compulsory treatment – an ethical dilemma

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**Introduction:** Given the effectiveness and overall safety in several psychiatry conditions, electroconvulsive therapy remains a widely used procedure in current medical practice. Informed consent is still a requirement for the use of ECT both in voluntary and compulsory treatment; however, since severe mental illness can affect decision-making capacity and insight of the need for treatment, this requirement often constitutes an obstacle to its use. In addition, stigma around ECT still contributes to treatment refusal.

**Objectives:** To summarize the most recent evidence published about ECT and discuss the ethical and legal implications of its use, enlightened by the empirical description of a clinical vignette.

**Methods:** Review of literature on the ethical and legal issues involving the ECT use in patients on compulsory treatment, considering the efficacy, risks, the mental health legislation in Portugal, and several international directives.

**Results:** Informed consent is the basic tenet in the contemporary physician-patient relationship. In principle, ECT can only be administered to patients who prior consent to the treatment. In contemporary practice, providing the best medical assistance and respecting the patient's autonomy are two fundamental principles. However, we often face an ethical dilemma, when severely ill patients, whose insight, the ability for self-determination and decision-making capacity may be impaired, refuse a potential beneficial treatment as ECT.

**Conclusions:** The use of ECT in severe mental illness is still hampered by legal and ethical constraints. A future revision of

the law could protect patients from being excluded from a treatment that may change the course of the disease.

**Disclosure:** No significant relationships.

**Keywords:** Electroconvulsive therapy; compulsory treatment; mental health legislation; informed consent

## EPV0322

### Neuroendocrine factors - predictors of the formation of alcohol dependence and human ecology in various ethnic populations, new approaches to therapy

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**Introduction:** Integrated clinical and biological approaches in the study of disorders caused by alcohol consumption in people of different ethnic groups, are important for determining effective treatment strategies.

**Objectives:** To study the clinical and dynamic features and the role of neuroendocrine factors of the formation and course of alcohol dependence in individuals of Tuvan ethnicity.

**Methods:** 68 Russian alcoholics and 67 Tuvans alcoholics only men and 20 healthy male were monitored. Clinical assessment of the condition of patients was carried out with the traditional clinical description. Enzyme-linked immunosorbent assay kits were used to determine serum hormone levels in patients and volunteers.

**Results:** The systematic consumption of alcoholic beverages develops among Tuvans in adulthood, in contrast to Russian men who begin to drink systematically young. Alcohol dependence in people of Tuvan nationality are formed several years later than in Russians: a symptom of loss of quantitative control over use was detected in Tuvans at  $36.9 \pm 9.9$  years, in Russian patients at  $29.8 \pm 7.5$  years; the formation of withdrawal syndrome in Tuvans occurs at the age of  $37.7 \pm 8.4$  years, unlike Russians, in whom the withdrawal syndrome develops on average at the age of  $29.6 \pm 6.0$  years. The index of the ratio cortisol/progesterone in the blood of examined Russian alcoholics is almost twice as high as the index of examined healthy donors; in patients of Tuvan ethnicity, index is almost five times higher.

**Conclusions:** Alcohol dependence among representatives of the Tuvan ethnic group indicates a greater vulnerability to the effects of alcohol.

**Disclosure:** No significant relationships.

## EPV0324

### Not guilty by reason of insanity and dangerousness: A demographic, clinical and forensics description of the patients in the forensic inpatient service of Coimbra

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**Introduction:** Despite being essential for the service quality improvement, empirical research on the characteristics of people hospitalized in forensic psychiatry units and the psychopharmacological treatment instituted in this care context is scarce in Portugal.

**Objectives:** To describe the sociodemographic, clinical and criminological characteristics of the patients admitted to a forensic psychiatric unit in Portugal, as well as, the psychiatric drugs prescription pattern in this care context.

**Methods:** A retrospective observational study was carried out, through the data analysis of patients admitted to the Sobral Cid Forensic Psychiatry unit of the Coimbra Hospital and University over the past 12 years.

**Results:** The sample had 194 inpatients, 153(78.9%) male and 41(21.1%) females. The mean age was 43.3 years and 74.7% had no professional, school or occupational activity. The most frequent psychiatric diagnoses were psychotic disorders (56.7%) and neurodevelopmental disorders(33.5%). 24.2% had at least two psychiatric diagnoses and 38.7% had concomitant medical conditions. 77.8% had history of psychiatric hospitalizations and 21.6% had history of self-injurious behaviors. 37.1% of the sample had a criminal record. Crimes against people were the most frequent. The use of injectable antipsychotic formulations was frequent and 18.6% of the patients were medicated with Clozapine. The prescribed daily doses were above the defined daily dose. Psychotic disorders and addictive disorders were less frequent in women. Statistically significant differences were found in the frequency of homicide between females(41.5%) and males(22.2%).

**Conclusions:** Tailored solutions are crucial to accomplish the purpose of security measures, mostly by addressing the identified needs and rethinking the approach on this specific context.

**Disclosure:** No significant relationships.

**Keyword:** Forensic Psychiatry Units

## EPV0325

### Traumatic brain injury in forensic psychiatry

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**Introduction:** Assessment of neuropsychiatric sequelae of traumatic brain injury (TBI) brings about challenges in the forensic setting, comprising analysis of neurobiological variables, preinjury variables (personality/psychiatric disturbances), postinjury psychosocial, allowing the expert witness to provide clear and appropriate explanations, so the court can decide with justice, particularly in civil law cases.

**Objectives:** Discuss the main clinical and neuroimaging aspects to consider in civil litigation of TBI cases.

**Methods:** Comprehensive literature review.

**Results:** Although accurate predictions are difficult, some generalizations can be made. Recovery from hypoxic and diffuse axonal injury (DAI) takes longer and is less complete than focal contusions. Posttraumatic amnesia is the main predictor of long-term cognitive outcome. In moderate/severe TBI (m/sTBI) occurs chronic lesion