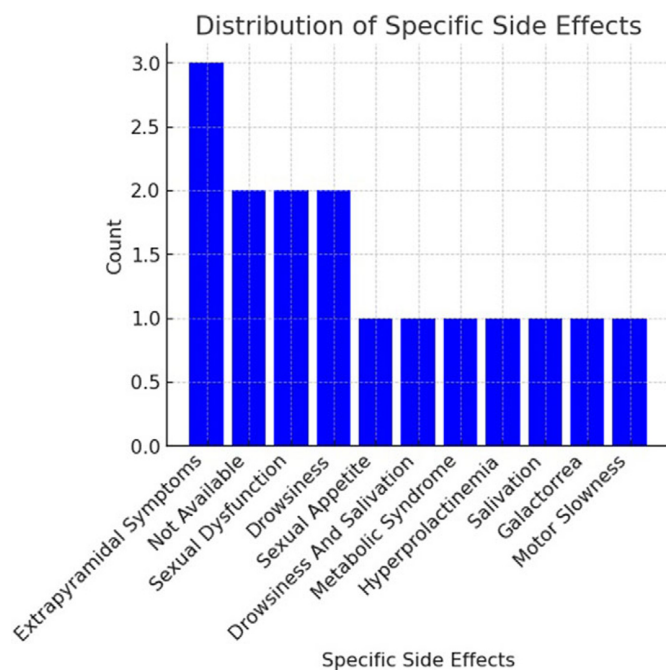


**Image 3:**

**Conclusions:** Most patients in our sample discontinued antipsychotic treatment within the first year post-treatment initiation, mainly due to side effects. These data indicate the need to restructure clinical care for patients with first-episode psychosis to ensure adherence to AP and reduce trial-error approaches to treatment choice from start. The CLUMP project proposes an individualised strategy, based on pharmacogenetics, to improve therapeutic adherence and outcomes in patients with FEP.

**Disclosure of Interest:** None Declared

## EPV1250

### ADAPTATEA Program: Humanizing Healthcare for ASD Patients in Their Referral Hospital

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doi: 10.1192/j.eurpsy.2025.1823

**Introduction:** Autism Spectrum Disorder (ASD) is a neurodevelopmental disorder with increasing prevalence (1 in 36 children, CDC 2023), associated with difficulties in social interaction and repetitive behaviors. These characteristics make it challenging for individuals with ASD to access quality healthcare. Additionally, people with ASD experience a higher number of underlying and intercurrent comorbidities compared to neurotypical individuals. In Spain, we have a public healthcare system intended to provide universal health coverage for all citizens. In 2009, the AMITEA program was created in central Madrid to address healthcare needs for 6,000,000 people (Parellada et al., Eur Psychiatry 2013;

28(2):102-109). However, despite this, patients in our hospital, located in Majadahonda on the outskirts of Madrid, continued to face difficulties accessing healthcare. Main challenges include leaving familiar surroundings and healthcare professionals, long waiting times, difficulties understanding the public healthcare system, and lack of coordination between services. We realized that, even with the program, our patients were still not receiving adequate care.

#### Objectives:

- To create an integrated program in our hospital that addresses the most common health issues for individuals with ASD.
- To provide ASD patients with healthcare attention as similar as possible to that of neurotypical patients within their referral hospital.

**Methods:** Given the difficulties our patients faced, professionals from Child Psychiatry, Neuropediatrics, Neurophysiology, and the Pediatric ER formed a network in 2018 to improve healthcare for ASD patients in our hospital. Child Psychiatry acted as a link between services. We held group meetings with department leaders to develop the program in each service. Neurophysiology was the first to fully implement it (Mayoral-Fernandez et al., Metas Enferm 2022; 25(5):70-8).

**Results:** Thanks to our efforts and support from hospital management, a part-time nurse joined the program in October 2023. With her help, we adapted medical procedures using Alternative Communication systems, trained and advised staff, adjusted hospital spaces, and maintained continuous coordination with professionals and families, humanizing care at our hospital.

By January 2024, our network included 17 services and over 50 professionals. With group support, each service developed its own level of adaptation. Professional satisfaction increased, and specialist coordination improved.

**Conclusions:** Adaptations like those implemented through ADAPTATEA improve the healthcare experience for ASD individuals at their referral hospitals, highlighting the need for more programs of this kind.

**Disclosure of Interest:** None Declared

## EPV1251

### Factors Affecting Psychological Resilience in First Responders and Rescue Team Members

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doi: 10.1192/j.eurpsy.2025.1824

**Introduction:** Disasters, including natural catastrophes, accidents, and man-made events, impose significant challenges on communities and individuals. First responders, such as rescue teams, firefighters, and prehospital emergency medical services personnel, play a crucial role in mitigating these impacts. Beyond their physical capabilities, these individuals must possess high levels of psychological resilience to perform effectively under extreme and stressful conditions. Understanding the factors that influence this resilience is essential for improving their performance and well-being. This systematic review aims to identify and examine the factors that affect psychological resilience among first responders and rescue team members during disasters and emergencies. The goal is to provide

a comprehensive understanding of how resilience can be supported and enhanced in these critical professionals.

**Objectives:** To identify the key factors that influence psychological resilience in first responders and rescue team members during disaster response. To evaluate current research on resilience building interventions and their effectiveness in enhancing psychological resilience in these professionals. To highlight gaps in the existing literature and suggest directions for future research on supporting psychological resilience in first responders.

**Methods:** A thorough literature search was conducted across several databases, including Web of Science, Scopus, Cochrane, PubMed, Medline, and Embase, focusing on articles published between 2019 and 2023. The search terms used were (emergency OR disaster) AND (psychological resilience) AND (rescue workers OR first responders OR firefighters OR ambulance personnel AND prehospital emergency medical services). Articles were selected based on inclusion and exclusion criteria, and only full-text articles published in English or Turkish were considered. Qualitative synthesis was used to analyze the data and draw insights.

**Results:** The review reveals several critical factors affecting psychological resilience, including stress management techniques, emotional regulation strategies, social support systems, and training programs. It also identifies areas where existing research is lacking, particularly regarding specific interventions designed to bolster resilience in high-stress environments.

**Conclusions:** Enhancing psychological resilience in first responders is crucial for both their individual well-being and the effectiveness of disaster response efforts. This review provides valuable insights into the factors that contribute to resilience and highlights the need for targeted interventions and support systems. By addressing these factors and promoting resilience, it is possible to improve both the performance of first responders and their capacity to cope with the demands of disaster situations.

**Keywords:** Psychological resilience, first responders, rescue workers, mental health.

**Disclosure of Interest:** None Declared

## EPV1252

### Innovation in Suicidology: Artificial Intelligence-Based Risk Assessment

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doi: 10.1192/j.eurpsy.2025.1825

**Introduction:** The use of artificial intelligence (AI) in suicide risk assessment is gaining prominence as AI algorithms are capable of processing and analyzing large volumes of data quickly. Suicide risk assessments are traditionally carried out by psychiatrists and clinical psychologists following established protocols, but AI systems can provide valuable support in this area, particularly in prevention and faster detection. Based on the collected data, AI algorithms can create predictive models that identify individuals at the highest risk. These models can take into account previous

mental health disorders, suicide attempts, and other social or economic factors.

**Objectives:** The aim of our study was to test a suicide prediction model using an XGBoost machine learning tool.

**Methods:** We included 357 individuals, out of which 146 were psychiatric patients with a history of suicide attempts in their anamnesis, 154 were psychiatric patients without a history of suicide attempts, and 57 individuals formed the *sine morbo* control group. Initially, 71 individuals (test dataset) were randomly selected from the total 357, and the remaining sample (training dataset) was used to train the XGBoost machine learning tool. This training process involved optimizing and selecting the best parameters. Afterward, the final model was tested on the reserved test dataset consisting of 71 individuals.

**Results:** During the machine learning process, we were able to very accurately predict who had a history of suicide attempts and who did not, with a high performance indicated by a ROC AUC score of 0.96. This demonstrates the model's excellent ability to distinguish between individuals with and without suicide attempts based on the data used.

**Conclusions:** AI systems can complement traditional methods in suicide prevention, but they cannot replace human expertise. It is also important to pay attention to ethical issues, such as data protection and the reliability of these systems. AI can be a powerful tool in predicting suicide risk if properly integrated into mental health services.

**Disclosure of Interest:** None Declared

## EPV1253

### Perinatal Psychopathology and Bonding: Implications for Maternal-Infant Attachment and Infant Development

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doi: 10.1192/j.eurpsy.2025.1826

**Introduction:** Perinatal psychopathology, encompassing a spectrum of psychiatric disorders such as perinatal depression, generalized anxiety disorder, post-stress traumatic disorder (PTSD), bipolar disorder, and postpartum psychosis, has been increasingly recognized for its potential to disrupt early mother-infant interactions. These disruptions may have profound consequences on the formation of secure attachment, which is crucial for healthy infant neurodevelopment. Attachment theory posits that early relational experiences shape the foundation of emotional regulation and social functioning, making it essential to understand how maternal psychopathology influences this critical developmental period.

**Objectives:** This study aims to explore the impact of perinatal psychopathology on the development of attachment between mothers and their infants. Specifically, it seeks to identify how various mental health disorders affect maternal sensitivity and responsiveness, and how these alterations contribute to insecure or disorganized attachment styles in children.

**Methods:** A comprehensive review of the literature was conducted by searching major medical databases (e.g. PubMed and Google Scholar), giving preference to studies published between 2000 and 2024. Articles were selected based on relevance to perinatal