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Introduction ECT outpatient program recently created in the Psychiatric Day Hospital in Ávila was designed to assess the safety and efficacy of continuation/maintenance electroconvulsive therapy (ECT) in patients after ECT remission.

Objectives Description of the activity and objectives of an ECT outpatient program in a Psychiatric Day Hospital.

Methods Retrospective cross-sectional descriptive Study. The three patients who received the continuation/maintenance electroconvulsive therapy during the 10 months this unit has been opened were chosen as a sample.

Results From the opening of Psychiatric Day Hospital 10 months ago, 58 patients have been admitted; among them, three patients come to the hospital monthly to receive the electroconvulsive therapy, maintaining their psychopathological stability over time.

Conclusions With the creation of this new program we considered three types of objectives:

– therapeutic: a therapy applied in a more comfortable and satisfactory for the patient and family regime. To prevent relapse and exacerbations;

– management: benefits on the best use of existing resources:

– reduction in hospital admissions and readmissions,

– decrease in the average stay,

– reduction in visits to Emergency Services,

– allow referrals from outpatient department,

– individual monitoring of patients that complements the check at their Mental Health Team;

– teaching, training and investigation.

Disclosure of interest The authors have not supplied their declaration of competing interest.

<http://dx.doi.org/10.1016/j.eurpsy.2016.01.2044>

EV1060

The use of electroconvulsive therapy (ECT) in the Czech Republic

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Aim The aim of this study was to monitor the use of electroconvulsive therapy (ECT) in the Czech Republic for the purpose of harmonizing national practice.

Method A 13-item questionnaire was sent to all Czech inpatient psychiatric facilities. This questionnaire assessed technical background of ECT, indications for the treatment, procedure in detail, way of documentation and monitoring of side effects.

Results ECT is used 23 centers (10 psychiatric hospitals, 5 university psychiatric departments and 8 psychiatric wards) across the Czech Republic. There is no special legal act regulating the use of ECT in the CR, but there are guidelines issued by the Czech Psychiatric Society available. All centers use instruments delivering brief pulse stimuli. All patients have to be indicated for this treatment and have to sign inform consent form/excluding situation when patient's life is endangered/. Somatic state is assessed/EKG, blood tests, eye check-up regularly and other examinations in individual cases/. Thiopental and succinylcholine are used most often for anesthesia and myorelaxation. Bitemporal electrode placement is the preferred option in all centers. The ECT is provided 2–4 times a week in special ECT rooms in the presence of staff team/psychiatrist, anesthetist, psychiatric and anesthesiological nurses/. Continuation ECT and outpatient ECT is not used. The procedure including side effects is documented in individual patient's

documentation, but summarizing documentation is conducted only in some centers.

Conclusion ECT is widely used in the Czech Republic. Procedures in all centers follow national guidelines. There is need to improve documentation system to harmonize national practice.

Disclosure of interest The authors have not supplied their declaration of competing interest.

<http://dx.doi.org/10.1016/j.eurpsy.2016.01.2045>

EV1061

Public stigma of electroconvulsive therapy (ECT) in the Czech Republic

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Aims To find out how the use of ECT in psychiatry is perceived by the public in the Czech Republic.

Method The questionnaire (8 questions monitoring awareness, knowledge of ECT and its use in modern psychiatry) created for the purpose of this study was shared through internet and also distributed in paper version to public.

Results The sample consists of 365 respondents – age average 28.9 years, 62% of females, 53% of university graduates, 44% with secondary education, 3% other education, 27% of healthcare professionals outside the field of psychiatry, 20% of medical students before the start of the traineeship at psychiatry, 53% of the public. Among the respondents, 98% have heard about ECT, 7% of them think that ECT is no longer used. Among the respondents, 62% learned about ECT from the media (film, print). Among the respondents, 22% do not believe in the effectiveness of ECT, 30% think that ECT is abused by psychiatrists, 86% believe that ECT has side effects (personality changes, permanent memory disorders, brain damage, epilepsy). Among the respondents, 77% would agree with ECT, if it should be applied to their relative.

Discussion ECT is an effective method in treating of severe mental disorders. But until now the public view is influenced by media. Due to the negative stereotype of the method many people are afraid of this treatment. The interesting fact is that also health professionals and medical students are influenced by public stigma of ECT.

Disclosure of interest The authors have not supplied their declaration of competing interest.

<http://dx.doi.org/10.1016/j.eurpsy.2016.01.2046>

EV1063

A review of transcranial magnetic stimulation for treating negative symptoms of schizophrenia

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Introduction The finding of prefrontal dysfunction in schizophrenia patients with negative symptoms (NS) has raised interest in using transcranial magnetic stimulation (TMS), which can modulate prefrontal function and dopamine release, as potential treatment for NS.

Objective To briefly review current literature concerning the use of TMS as treatment for NS.