

## EV0316

**Morgellon disease: A case report**

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**Background** Morgellons disease is a delusional disorder that leads to the belief that one has parasites or foreign material moving in, or coming out of, the skin. The name was coined in 2002 by Mary Leita; a mother who rejected the medical diagnosis of her son's delusional parasitosis. She revived it from a letter written by a physician in the mid-1600s.

**Objective** In this case report, we aim to describe the clinical characteristics and manifestation of morgellon disease in 26 years man.

**Results and discussion** Bulgarian athlete of 26 years stopped to be actively involved with the sport after a severe contusion to the right knee during the race. Had a joint surgery in the Netherlands and of course when that will not be able to compete more professional sports began to use cannabinoids daily. After three months patient went to dermatologist because of skin rashes and intense itching, crawling sensation on and under the skin. The patient reported that pull out threads from his skin. Dermatologist Initiated treatment with antibiotic creams and corticosteroids. The symptoms persist and the patient has consulted a psychiatrist regarding appeared complaints of fatigue, poor concentration and increased anxiety. Psychiatrist based on clinical and medical history was diagnosed morgellon disease. We started treatment with risperidone in increasing doses up to 2 mg/day. After a month the patient has a significant reduction of symptoms.

**Conclusion** Morgellons disease is a little-known disorder that is often associated with non-specific skin, nerve, and psychiatric symptoms.

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

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## EV0317

**Diabetes mellitus type 2 personality and relations with diabetic chronic complications–Pilot study**

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**Introduction** Diabetes mellitus (DM) is associated with chronic complications and comorbidities. Psychopathology and personality changes (PCh) are also found in DM. Some authors suggest organic PCh. The aim of our study was to access DM associated PCh and their relations with DM complications, glycemic control (GC) and family history for DM (FH).

**Material and methods** We examined 47 patients with DM type 2 (64.65 ± 9.78 years old; 14 males, 33 females; 24 with and 23 without FH, 20 with good, 15 with poor and 12 with very poor GC). All of them underwent somatic and neurological examinations. Blood count and biochemistry, urine analysis, brain computer tomography, electroneurography, electrocardiography and neuropsychological battery were applied. PCh were accessed by Minnesota Multiphasic Personality Inventory.

**Results** The most frequent PCh were hypochondriasis (Hs, 77%), hysteria (Xy, 74%) and schizoidia (Se; 77%); hypomania was low in 60%; 30% showed low psychasthenia and 49% low psychopatia. High paranoia had 23% and low–15%. Poor GC was associated with cognitive impairment (CI) and high Hs, Xy and Se. Patients with high Hs, Xy and Se showed more frequent diabetic complications (retinopathy, polyneuropathy and nephropathy), comorbidities and CI than those without, even after correction for age, therapy and DM duration. FH was risk factor for PCh.

**Conclusions** Patients with DM show specific PCh. High scoring on Hs, Xy and Se scales are associated with poor GC, chronic DM complications, co-morbidities and CI. FH is risk factor for PCh.

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

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## EV0318

**Emotional expectations reported by hospitalized women in southeastern Brazil before being submitted to mastectomy with immediate breast reconstruction: A clinical-qualitative study**

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**Introduction** Breast cancer is a type that more affects female population in the world. Surgical indication, present in most cases, is a mutilating procedure and mentally traumatic for majority of women subjected. Thus, immediate breast reconstruction, which is the choice to rebuild the breast during the mastectomy surgery, is an alternative to reduce discomforts associated with loss of the breast, in addition to being associated potentially with improved emotional and psychosocial quality of life.

**Objective** To discuss, from psychological viewpoint, the emotional expectations about surgical results of a planned mastectomy with immediate breast reconstruction, reported by women with breast cancer treated in a university hospital in Campinas, state of São Paulo.

**Method** Qualitative design, particularized in the clinical-qualitative method, adequate to health assistant settings, using the semi-directed interview with open-ended questions in-depth, fully transcribed and after submitted to content clinical-qualitative analysis. Intentional sample closed by criterion of information theoretical saturation with 12 sequential participants.

**Results** Amongst the emergent categories from free-floating readings, we have chosen the following to presentation:

- The desire of healing above expectations of the aesthetic aspects;
- The perception of the surgical approach predominantly with aesthetic effects;

- The desire of a contra-lateral healthy breast withdrawal, too.

**Conclusions** Face the proposal of mastectomy with immediate reconstruction, days before the surgery, women reported to be well emotionally organized for the procedure, although in different ways. This occurs probably due to emotional meanings built by many experiences from their psychological histories, as well as from values provided by the socio-cultural environments.

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