

was seen in 38% of the patients. The most common condition was IDD (27.1%), followed by affective and anxiety disorders (22 and 15.3% respectively). Considering patients with IDD, we found differences in locus ($P=0.001$) (present in 34.3% of non-established locus, 8.6% of extra-temporal locus and 57.1% of temporal locus) but not with hemisphere, sex, type of crises, treatment. We neither found correlation with age, number of crisis or number of treatments.

Conclusions Psychiatric co-morbidities as IDD do not appear in the DSM-IV but are prevalent and could be related with temporal locus.

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

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EV0305

Cardiovascular risk factors, anxiety symptoms and inflammation markers: Evidence of association from a cross-sectional study

G. Rioli^{1,*}, S. Tassi², G. Mattei¹, S. Alboni³, S. Mancini⁴, C. Artoni¹, M. Galletti¹, N. Giambalvo¹, G. Galli¹, M. Marchi², A. Minarini¹, G. Montardi¹, D. Perrone¹, G. Pollutri¹, L. Roncucci⁴, S. Saraceni¹, G. Spiga¹, C. Visentini¹, G.M. Galeazzi⁵, S. Ferrari⁵

¹ Università degli Studi di Modena e Reggio Emilia, Scuola di Specializzazione in Psichiatria, Modena, Italy

² Università degli Studi di Modena e Reggio Emilia, Corso di Laurea in Medicina e Chirurgia, Modena, Italy

³ Università degli Studi di Modena e Reggio Emilia, Dipartimento di Scienze della Vita, Modena, Italy

⁴ Università degli Studi di Modena e Reggio Emilia, Dipartimento di Medicina Diagnostica- Clinica e di Sanità Pubblica, Modena, Italy

⁵ Università degli Studi di Modena e Reggio Emilia, Dipartimento di Medicina Diagnostica- Clinica e di Sanità Pubblica- sezione di Psichiatria, Modena, Italy

* Corresponding author.

Introduction Anxiety disorders and Cardiovascular (CV) diseases, among the most common disorders in Western World, are often comorbid. A chronic systemic inflammatory state might be a shared underlining pathophysiological mechanism.

Aims To investigate the association between anxiety symptoms, CV risks factors and inflammatory markers in an outpatient sample.

Methods Cross-sectional study. Inclusion criteria: outpatients aged ≥ 40 years, attending colonoscopy after positive faecal occult blood test, negative medical history for cancer. Collected data: blood pressure, glycaemia, lipid profile, waist circumference, BMI, PCR (C Reactive Protein), LPS (bacterial Lipopolysaccharide). Psychometric tests: HADS, TCI, IMSA, SF36. Statistical analysis performed with STATA13.

Results Fifty four patients enrolled (27 males, 27 females). Sixteen patients (30.19%) were positive for anxiety symptoms. Thirty-three patients (61.11%) had hypertension, 14 (25.93%) hyperglycaemia and 64.81% were overweight, with frank obesity ($BMI \geq 30$) in 11 subjects (20.37%). Anxiety symptoms were associated with low hematic HDL values ($OR=0.01$; $P=0.01$) and high concentration of triglycerides ($OR=0.023$; $P=0.02$) at the multiple regression model. At the univariate logistic analysis, anxiety was associated with LPS ($OR=1.06$; $P=0.04$).

Conclusions Further evidence over the epidemiological link between common mental disorders and CV diseases was collected, with possible hints on pathophysiology and causative mechanisms related to inflammation. The importance of screening for anxiety and depression in medical populations is confirmed. Suggestions on future availability of screening tools based on inflammatory-related indicators should be the focus of future research.

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

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EV0306

How are personality traits and physical activity involved in colorectal carcinogenesis? A cross-sectional study on patients undergoing colonoscopy

M. Marchi¹, S. Alboni², C. Artoni³, M. Galletti³, N. Giambalvo³, S. Mancini⁴, F. Mariani⁵, G. Mattei³, A. Merighi⁴, G. Montardi³, G. Pollutri³, G. Rioli^{3,*}, S. Saraceni³, G. Spiga³, C. Visentini³, S. Ferrari⁵

¹ Università degli Studi di Modena e Reggio Emilia, Corso di Laurea in Medicina e Chirurgia, Modena, Italy

² Università degli Studi di Modena e Reggio Emilia, Dipartimento di Scienze della Vita, Modena, Italy

³ Università degli Studi di Modena e Reggio Emilia, Scuola di Specializzazione in Psichiatria, Modena, Italy

⁴ Università degli Studi di Modena e Reggio Emilia, Dipartimento di Medicina Diagnostica- Clinica e di Sanità Pubblica, Modena, Italy

⁵ Università degli Studi di Modena e Reggio Emilia, Dipartimento di Medicina Diagnostica- Clinica e di Sanità Pubblica, sezione di Psichiatria, Modena, Italy

* Corresponding author.

Introduction Inflammatory state of the large bowel is a key factor for the development of colorectal cancer (CRC). It has multifactorial aetiology, including psychological determinants. Physical activity may have a protective function against CRC via anti-inflammatory properties; on the contrary, personality traits correlate with an unhealthy and dangerous lifestyle.

Objective To measure the association between personality traits, lifestyle and colonoscopy outcome.

Methods Cross sectional study. Patients undergoing colonoscopy aged 40 or more, with a negative history for cancer or inflammatory bowel disease, were enrolled. Data collected: colonoscopy outcome, smoke, alcohol, physical activity, presence/absence of Metabolic Syndrome, personality traits assessed by the Temperament & Character Inventory (TCI).

Results In a sample of 53 subjects (females = 24, 45.3%), the mean age was 60.66 ± 9.08 . At least one adenoma was found to 23 patients (43.3%). Twenty patients were smokers (37.74%), 36 (67.92%) drank alcohol at least weekly; approximately 60% reported regular physical activity. At the multivariate regression, the outcome was associated to: TCI Self Transcendence domain (ST) ($OR=1.36$, $P=0.04$) and physical activity ($OR=0.14$, $P=0.03$).

Conclusion People with ST's characteristic personality traits and sedentary life style are more likely to have precancerous colorectal lesions. This confirms the protective role of physical activity, and suggests to further explore the role of personality in cancerogenesis.

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

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EV0307

Psychiatry intervention in cerebellar cognitive affective disorder: Case report

O.E. Rodriguez

Gold Coast Hospital, Mental health, Broadbeach, Australia

Background/objectives Cerebellar cognitive affective syndrome (CCAS) is a condition that arises from cerebellar lesions. CCAS can easily be overlooked by medical teams; therefore a bibliographic