

PROMOTING MENTAL HEALTH RESEARCH VIA ACCESS TO THOUSANDS OF PSYCHOSOCIAL AND BIOLOGICAL DATA

PARTICIPANTS

60%

40%

Birth Assigned Sex

2,173

(Psychiatric Emergency Service)

Psychiatric Patients Cohort

1,064

(Outpatient Clinic)

Patient Follow-Up

149

No history of psychiatric hospitalization (sex & age matched)

Control Participants

DIAGNOSIS

Psychosis 33%

Mood 25%

Personality 15%

Anxiety 13%

Substance 11%

Unspecified 3%

Other Comorbidities

Alzheimer 1%

Chronic pain 40%

Cancer 1.5%

Chronic pulmonary 12.5%

Diabetes 9.7%

Migraines 30%

PSYCHOSOCIAL & BIOLOGICAL DATA

Emergency
24-48 Hours

Time 1
N=1,986

Biological Samples

Psychosocial & Sociodemo

N=2,173

Discharge
+/-2 Weeks

Time 2
N=685

Biological Samples

Psychosocial & Sociodemo

N=885

Outpatient
+/-2 Months

Time 3
N=609

Biological Samples

Psychosocial & Sociodemo

N=793

Remission
6-12 Months

Time 4
N=374

Biological Samples

Psychosocial & Sociodemo

N=473

N=472 Re-hospitalized

•Glycosylated hemoglobin

•Cholesterol

•HDL Cholesterol

•LDL cholesterol

•Triglycerides

•Glucose

•Insulin

•Creatinine

Metabolics

•Toxoplasmosis (IgG, IgM)

•Toxocara

Infectious

•DNA

•RNA

•PBMC

Genetics/Cellular

•Cortisol

Hormones

•17 B Estradiol

•Testosterone

•Progesterone

•DHEA

•Cortisol

Hormones

•Blood Pressure

•Body Size

•Weight

Medical

•Opiate

•Cannabinoid

•Cocaine

•Amphetamine

•Phencyclidine

Substances

•Creatinine

Metabolics

•Interleukine-6 (IL-6)

•C-Reactive Protein (CRP)

•Insulin-like growth factor

•TNF-alpha

•IL-1-beta (IL-1)

Immune/Inflammatory

•BDNF

•Endocannabinoids

•E-selectin

•Nfl

Neuromodulators

Psychosocial Factors

Sociodemographic Profile

Medical Data

Clinical Symptoms

• Psychosis (PSQ + PSYRATS)

• Depression (PHQ-9)

• Anxiety (STAI-Y6)

• Impulsivity (UPPS)

• Aggression history (BGHA)

• Suicide (SBQ)

Sleep (SHQ)

Substances

• Tobacco (ESCC)

• Alcohol Use (AUDIT-10)

• Drug Use (DAST-10)

Social

• Spirituality

• Social Functioning (WHODAS 2.0)

• Childhood Experiences of Violence (CEVQ)

Demography

• Canadian census questionnaire

• Familial History (FIGS-DIGS)

Medication (Psychiatric)

Psychiatric Diagnoses

Physical Health (Chronic Conditions)

Electronic Health Data

INFORMATION & PARTNERS

Web site

Data request

References

ALLIANCE SANTÉ MENTALE QUÉBEC

VALORISATION

mælstrom

Atlas of Longitudinal Datasets

Neurobagel

SIGNATURE BIOBANK TEAM

Directors

Stéphane Guay

Robert-Paul Juster

Coordinator

Cécile Le Page

Advisor (Psychiatrist)

Alexandre Hudon

Laboratory Staff

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ACKNOWLEDGEMENTS:

Québec

Fonds de recherche – Nature et technologies
Fonds de recherche – Santé
Fonds de recherche – Société et culture

RÉSEAU QUÉBÉCOIS SUR LE SUICIDE, LES TROUBLES DE L'HUMEUR ET LES TROUBLES ASSOCIÉS

Bell Cause pour la cause

FONDATION DE L'INSTITUT UNIVERSITAIRE EN SANTÉ MENTALE DE MONTRÉAL