

Inclusion Criteria

- Psychologically and medically cleared by Psychiatrist and Family Physician
- Over the age of 18
- Individual must have received at least 2 courses of treatment trials with pharmacotherapeutic treatment options as suggested in the CANMAT MDD guidelines 2016
- Diagnosed with Major Depressive Disorder (MDD), Bipolar Disorder (BD), Post-Traumatic Stress Disorder (PTSD) or Obsessive Compulsive Disorder (OCD) by a licenced healthcare practitioner
- Individuals who have received ECT or other neuromodulatory treatments
- Individuals reporting suicidal ideation may be included, as suicidal ideation is a symptom of MDE

Exclusion Criteria

- Pregnant women and nursing mothers
- Individuals that are over 275 lbs
- Individuals who meet DSM 5 criteria for a substance use and/or alcohol use disorder
- Any individual who has met DSM 5 criteria for a Substance Use Disorder and/or alcohol use disorder in the past 3 months
- Individuals who are experiencing psychotic symptoms as part of an MDE (mood congruent/ mood incongruent)
- Individuals who are unable to consent to the treatment
- Individuals who are unable to adhere to protocol in its totality (remain in clinic post session for up to 2-3 hours for observations)
- Individuals who are unable to identify a person to assure their safe transport to home post infusion
- Individuals with symptomatic brain injury
- Uncontrolled medical disorders (ie. uncontrolled and/or insufficiently treated hypertension, allergies to ketamine and/or previous intolerability to ketamine)
- Sleep apnea