



*"Research & Training to Improve Clinical Care"*

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**Short Name:** Psychological Disease in COPD Patients

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**Abstract:**

Patients with Chronic Obstructive Pulmonary Disease (COPD) with a lower socioeconomic status (SES) are at high risk for psychological disease, decreased medical adherence and worse outcomes. Identifying predictors of psychological disease and medical non-adherence can help guide development of interventions to improve outcomes in COPD patients from disadvantaged backgrounds. The objective of this study is to determine differences in prevalence of symptoms consistent with a diagnosis of Post Traumatic Stress Disorder (PTSD), depression, generalized anxiety and medical non-adherence among patients with different SES and to identify predictors of psychological disease and medical non-adherence to facilitate design of future interventions to improve outcomes. Methods will involve a cross-sectional study of patients with COPD who have FEV<sub>1</sub> of less than 35% and are oxygen dependent at one public/safety net and one University hospital in Seattle. Outcomes will include measuring PTSD (PTSD Checklist), depression (Prime MD), and generalized anxiety (GAD-7) symptoms. Predictor variables will include patient demographics, socioeconomic status markers, COPD self management index, addiction severity score, traumatic events inventory, and previous psychological history.

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