

Outcomes Research Program (ORP)

Examples from 2008-2009 research portfolio:

Project: **Pilot Study: Survey of Hepatitis B (HBV), Hepatitis C (HCV), and Non-Alcoholic Fatty Liver Disease (NAFLD) Decision to Screen Factors in a Community Practice Environment**

Description: This study surveys over 4,000 gastroenterologists and primary care physicians in the region on their beliefs about screening for liver disease (HBV, HCV, and NAFLD), factors in the decision to screen, knowledge of screening guidelines, screening scenarios and tests, as well as demographic information (excluding identifiers).

Staff: Zobair M. Younossi MD MPH, Jillian B. Kallman MS.

Status: Manuscript submission.

Project: **Pilot Study to Assess Biologic, Physiologic, Performance Measures and Self-Reports of Fatigue and Health-related Quality of Life (HRQL) in Patients with Non-alcoholic Fatty Liver Disease (NAFLD)**

Description: This study is designed to determine the relationships among biological disease markers NAFLD and patient performance and perception of life activity and satisfaction (HRQL), in order to better characterize the impact of chronic illness on function and identify possible remediable factors contributing to disability.

Staff: Zobair M. Younossi MD MPH, Nila Rafiq MD, Jillian B. Kallman MS, Yun Fang MS

Collaborators: Naomi Lynn Gerber MD, Randall Keyser PhD, FACSM

Status: On-going enrollment.

Project: **Neuropsychiatric Impact of Pegylated Interferon in Hepatitis C**

Description: A study observing pegylated interferon-induced depression, anger, anxiety and other neuropsychiatric side effects via MRI. MRI may show noticeable differences between study subjects who do not develop neuropsychiatric side effects during interferon treatment, and subjects who do develop clinical depression or other neuropsychiatric side effects. Any measured differences between these two groups may prove informative to physicians in their treatment of hepatitis C patients.

Staff: Zobair M. Younossi MD MPH, Jillian B. Kallman MS, Cathy Crone MD, Thomas Wise MD, Angela Wheeler

Collaborators: Naomi Lynn Gerber MD, M Layne Kalbfleisch PhD, James Olds PhD
Status: Enrolling.

Project: **Fatigue and Health-related Quality of Life (HRQL) Assessment in Blood Donors**

Description: This study involves the administration of the FSS, a brief, fatigue-oriented demographic survey, and the CLDQ Version 2 to obtain normative data from a well-defined healthy population (blood donors).

Staff: Zobair M. Younossi MD MPH, Jillian B. Kallman MS, Yun Fang MS, Angela Wheeler

Collaborators: Naomi Lynn Gerber MD

Status: Exempt protocol; on-going enrollment.

Project: **Independent Predictors of Fatigue, Health-Related Quality of Life and Symptoms in Chronic Liver Disease**

Description: A study analyzing pre-existing de-identified data sets accumulated by the Inova Center for Liver Diseases in order to further information on factors contributing to liver disease, impact of specific liver diseases on quality of life, and to uncover trends in factors and comorbid illnesses that may impact a patient's disease progression and quality of life.

Staff: Zobair M. Younossi MD MPH, Jillian B. Kallman MS, Yun Fang MS

Collaborators: Naomi Lynn Gerber MD

Status: On-going data analysis.

Project: **Nutritional Assessment on Patients with Chronic Liver Disease**

Description: This survey study looks at the nutrition scores of patients with chronic liver disease and how well poor nutrition correlates with presence metabolic syndrome liver disease progression.

Staff: Chin Hee Kim MD, Zobair M. Younossi MD MPH.

Collaborators: Lisa Pawloski Ph.D, Constance Gewa Ph.D.

Status: Study Completed; Poster Presented; Manuscript Published.

Project: **Is the Presence of Metabolic Syndrome Associated with Progression of Underlying Liver Disease?**

Description: Analysis of existing de-identified data from the Inova Center for Liver Diseases looking at disease progression in patients with and without metabolic syndrome.

Staff: Zobair M. Younossi MD MPH, Ravindra Dayal Gupta MD

Collaborators: Not applicable.

Status: IRB exempt protocol approval; analysis phase.

Project: **Activity Assessment in Patients with Chronic Liver Disease**

Description: This survey study looks at the activity scores of patients with chronic liver disease and how activity level correlate with presence metabolic syndrome liver disease progression.

Staff: Zobair M. Younossi MD MPH, Jillian Kallman, MS, Yun Fang, MS

Collaborators: Naomi Lynn Gerber, MD

Status: IRB exempt protocol; analysis complete; manuscript submitted.

Project: **Prevalence of Hepatitis B (HBV) and Hepatitis C (HCV) in the Asian Community of Northern Virginia**

Description: This study aims to determine the prevalence of HBV and HCV in the Asian community of Northern Virginia through clinic screening and community screening events.

Staff: Zobair M. Younossi MD MPH, Jillian Kallman, MS

Collaborators: Sang V. Tran, MD

Status: Enrolling.

Project: **Retrospective Assessment of Prevalence of Hepatitis B (HBV) and Hepatitis C (HCV) in the Asian Community of Northern Virginia**

Description: This study aims to determine retrospectively the prevalence of HBV and HCV in the Asian community of Northern Virginia through de-identified screening result data from clinic screenings and community screening events.

Staff: Zobair M. Younossi MD MPH, Jillian Kallman, MS

Collaborators: Sang V. Tran, MD

Status: IRB Exempt Protocol; data collection phase.

Project: **Long Term Follow Up of Patients with Non-alcoholic Fatty Liver Disease (NAFLD)**

Description: This study utilizes the Department of Health and Human Service's National Death Index (NDI) database to determine mortality for NAFLD patients in our database and to compare cause of death to the general population.

Staff: Zobair M. Younossi MD MPH, Nila Rafiq MD, Jillian Kallman MS, Yun Fang MS.

Collaborators:

Status: IRB exempt protocol approval; Poster Presentation; drafting manuscript.

Project: **The Impact of Age and Other Demographic Factors on the Quality of Life of Patients with Chronic Liver Disease**

Description: The aim of this study is to determine the clinico-demographic predictors of health-related quality of Life (HRQL) in patients with chronic liver disease, specifically the impact of patient age and ethnic background on HRQL scores.

Staff: Zobair M. Younossi MD MPH, Maria Stepanova PhD candidate, Arian Afendy BS, Jillian Kallman MS, Yun Fang MS.

Collaborators: None.

Status: IRB exempt protocol approval; analysis run; abstract submission

Project: **Socio-demographic, Clinical, and Social Influences on the Health-related Quality of Life in Individuals with Hepatitis C (HCV)**

Description: This research examines the measurement issues involved in assessing health-related quality of life (HRQL) among people with HCV infection. In addition, it will assess the factors associated with HRQL in patients diagnosed with chronic hepatitis C (HCV).

Staff: Zobair M. Younossi, Lisa M. Martin

Collaborators:

Status: IRB approval; analysis complete.

Project: **Socio-demographic, Clinical, and Social Influences on the Health-related Quality of Life in Individuals with Hepatitis C (HCV)**

Description: This study examines whether there is a correlation between nutrition and physical activity level post bariatric surgery, and the successfulness of surgery in terms of weight reduction, BMI classification, and co-morbidities of obesity (e.g. metabolic syndrome factors).

Staff: Jillian Kallman, Zobair M. Younossi

Collaborators: Michael Garone Jr.

Status: IRB approval; analysis phase.

Currently Enrolling Studies

Project: **Pilot Study to Assess Biologic, Physiologic, Performance Measures and Self-Reports of Fatigue and Health-related Quality of Life (HRQL) in Patients with Non-alcoholic Fatty Liver Disease (NAFLD)**

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Staff: Zobair M. Younossi MD MPH, Jillian B. Kallman MS, Yun Fang MS, Angela Wheeler

Collaborators: Naomi Lynn Gerber MD

Status: Exempt protocol; on-going enrollment.

Project: **Nutritional and Activity Assessment on Patients with Chronic Liver Disease**

Description: This survey study looks at the nutrition and activity scores of patients with chronic liver disease and how well poor nutrition and low activity level correlate with presence metabolic syndrome liver disease progression; population compared to healthy 'normal' control group (blood donors).

Staff: Chin Hee Kim MD, Zobair M. Younossi MD MPH.

Collaborators: Lisa Pawloski Ph.D, Constance Gewa Ph.D., Naomi Lynn Gerber, MD

Status: On-going enrollment in Blood Donor population.

Education and Training

Point of Contact:

Deena Hallaji

703-776-2540

Deena.Hallaji@inova.org

Application Forms

- Volunteer & Student Information
- Research Fellowship Information
- Resident Monitoring Information

[Link to CIR application forms, all 3 categories (ask Deena)]

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Status: On-going enrollment.

Contact: Jillian Kallman, MS (703) 776-3032

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Collaborators: Naomi Lynn Gerber MD

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