

STORY-L, Survivors Tell Others and Renew Yourself-Leukemia Tyrosine Kinase (TKI) Inhibitors in Rural Patients with Chronic Myeloid Leukemia (CML)

Aims to collect qualitative and quantitative data on adherence factors in Leukemia patients including TKI information, medication beliefs, social support, behavioral skills, and self-efficacy as well as adherence measures to Leukemia treatment

Project Aims

- Determine the feasibility of collecting qualitative and quantitative data on adherence factors in CML (chronic myeloid leukemia) patients including TKI information, medication beliefs, social support, behavioral skills, and self-efficacy.
- Determine the feasibility of collecting data on adherence measurement including use of PCR for BCR-ABL and WBC with differential from medical records, self-report from patients and use of electronic monitoring.
- Explore the patient's experience with TKI therapy for CML using a qualitative descriptive approach.

Successes

- Submitted paper on a Systematic Review of Interventions to Improve Adherence to Tyrosine Kinase Inhibitors to the Clinical Lymphoma, Myeloma and Leukemia Journal – paper has been conditionally accepted and involved PhD nursing students .
- Patient data regarding COVID 19 used in presentation "A War on Two Fronts: Cancer Survivorship in Time of COVID 19 by Co-Investigator, Dr. Wickersham. Presentation to Montana Cancer Control Program through invitation referral by SC ECHO Project; Patient data presented to Cancer Prevention and Control Annual National Meeting regarding Virtual research during COVID
- Data paper from this planning grant in process and will involve nursing PhD students

Future Directions

- Expand our planning to include COVID 19 impact in patients and caregivers and begun analysis of patient and caregiver data.
- Analysis of Time One and Time Two qualitative and quantitative data collection is in process.

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https://sc.edu/study/colleges_schools/nursing/centers_and_labs/cancer_survivorship_center/index.php