

FORMAT FOR BRIEF DESCRIPTION OF RESEARCH PROJECT FOR SUMMER 2015

TITLE:

Impact of advanced CKD education and care on the patient awareness and home dialysis.

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RESEARCH PROJECT DESCRIPTION:

Chronic Kidney Disease (CKD) is a devastating systemic disease with progressive kidney failure leading finally to end-stage kidney disease (ESKD). Patients with ESKD require dialysis therapy for their continued existence. There are mainly two forms of dialysis therapies (In center dialysis: usually hemo/blood dialysis; and Home dialysis(HoD) usually peritoneal dialysis; usually done by patient at home with minimal resources). Clinically both dialysis are equivalent in patient outcomes but Home dialysis (HoD) has significant benefits in terms of quality of life, patient independence and economics.

About 60% of advanced CKD patients when educated choose HoD for their management but still only 7% nationally are on HoD therapies. Poor patient education, lack of information are principal factors among many responsible for this trend.

We have setup CKD education clinic with a detailed protocol based and individualized education for advanced CKD patients. This has resulted in ~60% selection for HoD and significant growth in HoD patient population at UF and patient satisfaction. However there are multiple unknown factors regarding who chooses HoD and what factors decide it. We have an evaluation protocol for the efficacy of CKD education with questionnaire and literacy assessment.

The project and the student role will involve a direct interactions with patients who follow at this specialized clinic with setting up a longitudinal patient knowledge and QoL assessment tool such that impact of education

can be assessed. We expect a presentation of the resultant data at national conference and likely one or more publication.