

Summer Student Research Program
Project Description

FACULTY SPONSOR'S NAME AND DEGREE: *Sandra Scott M.D., Shreni Zinzuwadia M.D.*

PHONE: (972) 973 - 6224

DEPARTMENT AND INTERNAL MAILING ADDRESS:

Department of Emergency Medicine

150 Bergen Street Newark, NJ 07103

E-MAIL: *zinzuwsh@umdnj.edu, zinzuwsh@yahoo.com*

PROJECT TITLE (200 Characters max):

Utilization of Video Discharge Instructions in the Emergency Department to Improve Communication with Spanish Speaking Patients

HYPOTHESIS:

Video discharge instructions in Spanish in greatly enhance communication of diagnosis, treatment plan, medication prescriptions, and follow-up instructions, when given in addition to the standard WELL SOFT software-generated discharge instructions. These videos will provide better comprehension of the information needed by patients in order to better manage their medical adherence and further decision making. These videos will improve delivery of discharge information and increase patient satisfaction. These videos will potentially reduce unnecessary ED visits.

PROJECT DESCRIPTION (Include design, methodology, data collection, techniques, data analysis to be employed and evaluation and interpretation methodology)

We will be conducting a double-blinded study to demonstrate the above stated hypotheses. We have created 7 discharge scripts in Spanish. These scripts will be to create 7 discharge instructions. Our pilot diagnoses are: biliary colic, diabetes, lacerations, fractures, sprained ankle, threatened abortion, and asthma. These videos will be stored on a laptop in a mobile kiosk with a set of headphones for the audio portion of the video. We will be enrolling patients starting 6/2010 into are study. Our target population will be Spanish-speaking patients over the age of 18 years being discharged from the Emergency Department that meet our inclusion criteria. Patients will be randomly enrolled into either our control group or our experimental group. The control group will receive standard WELLSOFT written discharge instructions and education by an RN upon discharge. The experimental group will watch our video discharge as well as receive the standard WELL SOFT written discharge instructions and education by an RN. Both groups will fill out the same survey upon discharge. This survey will give us the following information: patient demographics, knowledge of discharge diagnosis, medications, follow-up plan, and instructions as to what to do if their health status worsens. We will also gather information about their subjective experience of their discharge process.

SPONSOR'S MOST RECENT PUBLICATIONS RELEVANT TO THIS RESEARCH:

None

IS THIS PROJECT SUPPORTED BY EXTRAMURAL FUNDS?

Yes or No

(IF YES, PLEASE SUPPLY THE GRANTING AGENCY'S NAME)

Summer Student Research Program

Project Description

THIS PROJECT IS: Clinical Laboratory Behavioral Other

THIS PROJECT IS CANCER-RELATED

Please explain Cancer relevance

THIS PROJECT IS HEART, LUNG & BLOOD- RELATED

Please explain Heart, Lung, Blood relevance

THIS PROJECT EMPLOYS RADIOISOTOPES

THIS PROJECT INVOLVES THE USE OF ANIMALS

PENDING

APPROVED

IACUC PROTOCOL #

THIS PROJECT INVOLVES THE USE OF HUMAN SUBJECTS

PENDING

APPROVED

IRB PROTOCOL # M

THIS PROJECT IS SUITABLE FOR:

UNDERGRADUATE STUDENTS

ENTERING FRESHMAN

SOPHOMORES

ALL STUDENTS

THIS PROJECT IS WORK-STUDY: Yes or No

THIS PROJECT WILL BE POSTED DURING ACADEMIC YEAR

FOR INTERESTED VOLUNTEERS?: Yes or No

WHAT WILL THE STUDENT LEARN FROM THIS EXPERIENCE?

The student will be exposed to a spectrum of socio-economic issues that face patients and the delivery of health care to them. The issues of language barriers in the experience of patients in the Emergency Department. A hands-on experience of the effects of lack of health-care literacy that face our target population. Finally they will get to see how our novel intervention addresses and alleviates some basic aspects the lack of health care literacy; cultural barriers to effective delivery of health care, language barriers, and lack of basic language literacy.