EMERGENCY MEDICAL SERVICES

PUBLIC SAFETY PARTNER: WAKE COUNTY EMS

DESIGN AND PROTOTYPING OF USER INTERFACES

INFORMATION GATHERING

1. Interviews with the core group
2. First group meeting
3. Training Observation
4. Second group meeting

DATA ANALYSIS

INITIAL USER INTERFACE DESIGNS

RESEARCH TEAM BRAINSTORM

Scenario
Complicated medica call:
65-year-old burned while cooking at home

Key Role
EMS Paramedic

Task to Simulate
Assess the patient, identify body parts burned, initial burn care, control bleeding and other injuries, decide the medical center to send the patient

PROTOTYPE REFINEMENT

PSIAP-UI Design, Prototyping and Evaluation of Next Generation Public Safety User Interfaces
{jeronimo.grandi, mark.ogren, regis.kopper}@duke.edu

NIST · PSCR PUBLIC SAFETY COMMUNICATIONS RESEARCH · DiVE Duke UNIVERSITY