



Walter Reed Army Medical Center

Women's Health Clinical Information System (WHCIS)

- Program Analysis & System Design
- Database Design and Architecture
- Software Development
- Testing & Quality Assurance

PROJECT OVERVIEW

Women's Health Clinical Information System (WHCIS) program is a disease management and health promotion program emphasizing efficiency in healthcare by focusing on the improvement of communication between patients and medical care providers. This program, originating at Walter Reed Army Medical Center (WRAMC), focuses on implementing clinical practice guidelines for five chronic health conditions.

PSI SERVICES & RESULTS

PSI provided programming support for the project at WRAMC. We developed SAS and Oracle applications for the Health Surveys portion of the Health Forces program. Health Surveys primarily collect patient survey response data from survey boxes for the *How's Your Health* and *Rand9* surveys.

PSI also supported the Extraction, Transformation and Load (ETL) stage of building an Oracle 9i data warehouse. The completed application allows Army officers, doctors, researchers and administrators to perform data mining on millions of military treatment facility records worldwide. PSI's reports were used in briefings provided to the Army Surgeon General.

This program won two awards — *Best of Show* and *Most Innovative Information Technology in Hospital Community* — at the first annual Emerging Technologies and Healthcare Innovations Congress (TETHIC), held in Washington, D.C.

TECHNICAL ENVIRONMENT

- Oracle 9i
- SAS

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About Planned Systems International, Inc.

PSI offers a full-service, single source approach to providing quality Information Technology so-

lutions and services based on the mission of our customers.

Our winning combination of people, technology, processes and experience helps our customers achieve sustainable success.