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### **Overlake Hospital**

Overlake Hospital Medical Center has recently been named as one of the "100 Most Wired Hospitals and Health Systems" in the United States".

The caring professionals at Overlake Hospital Medical Center provide Medical excellence every day™ by delivering quality inpatient and outpatient health care services that are affordable and accessible and by optimizing the health and quality of life of our patients and the Greater Eastside community.

### **The Need:**

Overlake's goal was to implement a unified reporting environment and seamlessly integrate imaging with structured reporting. EndoSoft would integrate the five digital imaging systems into a single network. Concurrently, Overlake sought to eliminate paper-based reports. Structured diagnostic reporting would streamline the reporting process and provide physicians with rapid, on-line access to patient reports. By achieving both film less and paperless operations, the hospital could reduce the payback period to one year by significantly decreasing film costs and eliminating transcription expenditures.

### **The Solution:**

EndoSoft provided Overlake with an integrated solution for images and diagnostic reporting. Physicians have instant access to patient information including history and physical, images, nursing notes, vitals and diagnostic reports. Overlake's endoscopists review diagnostic reports, Endoscopy EUS (Including Ultrasound Images), ERCP (Including C-Arm Images) from any computer workstation.. EndoSoft Diagnostic Reporting, a template-based structured reporting system, automates report preparation and removes repetitive steps in the reporting workflow, such as re-keying or transcribing data. The endoscopist selects appropriate findings, differential diagnoses, and clinical impressions from the electronic database. Successive reports and digital images allow a physician to monitor a patient's progress through multiple exams. Both images and reports are accessible at the hospital instantly.

### **The Results:**

"Financially, because of filmless endoscopy and automated transcription, the computer network will pay for itself within 12 months. More importantly, the computer infrastructure of EndoSoft and EndoWeb support multiple advanced endoscopic services and pain management services.

"The benefits to the patient are outstanding. The computer transmission is superior to film, which reduces artifacts in reading images. Both the images and reporting information are immediately available, which allows a physician to act more rapidly in clinical emergencies. In addition, the immediate availability of information has reduced unnecessary surgery and length of hospitalization."