

ECCIS

**ELECTRONIC COLPOSCOPY
CHARTING AND IMAGING
SYSTEM**



Accelerated Solutions™



**flexible,
customizable
solutions
for your
clinic's
needs**

What is ECCIS?

ECCIS is an enterprise-level, clinical reference system designed to support the clinical practice of colposcopy (cervical cancer screening, assessment and treatment as well as follow-up of abnormalities of the cervix, vagina, uterus, vulva and perianal area). The web application comprises a set of business rules, standard operating procedures, and supporting data and application logic. It is designed to support the operational and charting requirements of a single clinic or multiple clinics on a centralized database, and is thus suited to support either local or regional programs. ECCIS is architected with security, privacy, performance and audit provisions appropriate to this model.

ECCIS can be configured and customized to support customers' specific needs and ported to their operating system/DBMS platform of choice. The system provides a secure, robust foundation for enhancement, extension, and integration as warranted. Additionally, the sophisticated, flexible design can be readily adapted to other areas of clinical practice such as endoscopy.



Key Features

- Full range of support for patient management, including referrals, appointments, encounters, and encounter reporting.
- Patient e-chart, capturing clinical information at each stage of the workflow including Interview, Examination, Treatment, Follow-up, Nursing (Procedure) Notes, and General Notes (by category).
- Rigorous controls on update/read access based on configurable business rules.
- Digital imaging and image annotation (location of anomalies and procedures).
- Capture of Impression, Pathology and Evaluation details per site per encounter.
- Auto-generated outputs including Appointment Confirmation (with site map), Encounter Reports and Pathology Requisitions (with embedded image), and Cytology Requisitions.
- Automated reminders to 1) expedite patient management (e.g. patients with Pending Cytology, HPV, and Pathology results), and 2) ensure timely follow-up and mitigate risk to patients (e.g. patients requiring treatment, reports in Draft mode (not completed), and high risk patients (risk parameters are configurable).
- Clinical and operational statistics.
- Robust, enterprise-level system administration features, including patient, clinic and provider set-up, role-based security and patient merge/unmerge.
- Highly configurable e.g. nomenclatures (impressions, indications, pathology evaluations, interventions). Empowers system administrators to maintain the system in-house as standards change.

Benefits of ECCIS



- Expedited patient throughput and reduced wait times through automation.
- Improved/expedited patient care through electronic patient charting, automated generation of encounter reports and requisitions, and reminder functionality.
- Stand-alone mode or interfaced to the local ADT system (admission/discharge/transfer) or Secure Active Directory (user authentication).
- Full audit capability.
- Integrates with healthcare and other applications to improve information access, reduce redundancy and minimize paper (e.g. electronic referrals, laboratory requisitions and report distribution).
- Supports collaborative medicine and patient transfer.
- Straightforward, intuitive design - easy to learn and use.
- Flexible workflow to support clinics of different sizes and complexities.
- Generates operational and clinical statistics to support management and medical research activities per clinic or region.

IMPLEMENTATION

ECCIS implementation follows an industry standard approach involving requirements validation with users, followed by configuration and/or customization and integration as required, user acceptance testing and go-live, including training. Once the initial (“primary”) site is live, new sites can be on-boarded via a relatively straightforward configuration and training process.

ECCIS is licensed via a flexible licensing model (reflecting an approach that is optimal for clients). Maintenance typically involves Tier 2 or 3 support (break-fix/minor enhancement releases) with periodic major releases.

EXTENSIBILITY

ECCIS has a forward-looking, robust modular design. Modular add-ons include Quality Assurance, Enhanced Audit reporting, Supply Management, Report Distribution, Statistical Query, Data Mining, Billing, Student Teaching (noteworthy images with notes – patient anonymity respected) and Research Projects.



Unit 105-185 Forester Street
North Vancouver
British Columbia, Canada
V7H 0A6

+1.604.988.8849
www.ps-i.ca