HELP
The HELP (Health Evolution through Logic Processing) information system is a complete knowledge based hospital information system. It supports routine applications of a health information system, including Order Entry/Charge Capture, Pharmacy, Radiology, Nursing documentation, and ICU Monitoring, and facilitates decision support functions. These include alerts/reminders, data interpretation, patient diagnosis, patient management suggestions and clinical protocols.

The HELP system was among the world’s first hospital information systems capable of collecting patient data needed for clinical decision-making — and at the same time incorporating a medical knowledge base and inference engine to assist the clinician in making decisions.

HELP2
While HELP supported in-patient health information and decision support functions, HELP2 adds out-patient capabilities. HELP2 is a longitudinal electronic patient record linked to Intermountain’s Enterprise Data Warehouse (EDW) — which includes a clinical data repository, health data dictionary, and decision-support applications.

HELP2 integrates clinical data with other information:
- Existing administrative data (hospital, clinic, health plan, clinical laboratory)
- State birth reports
- Cardiovascular and neonatal registries from external sources
- Manually entered discharge documents

ECIS DESKTOP
The new desktop allows up to a four-window display, enabling the caregiver to view HELP, HELP2 and other applications simultaneously. For the first time, pharmacists, nurses, physicians and respiratory therapists can view all applications simultaneously — including labs, physician and nursing documentation, radiology results and images, discharge and other information. This composite desktop allows the team to access multiple parts of the workflow and make side-by-side comparisons to more easily determine the best decisions for the patient.

ENTERPRISE DATA WAREHOUSE
EDW contains 30+ years' worth of medical records and provides staff with a knowledge base about their patients and the care they and others provided, along with clinical outcomes and costs. It includes data from nearly all clinical and business areas of the organization, jointly accounting for over 90 billion rows of data in nearly 12,500 ready-to-query tables supporting over 200,000,000 unique queries a month.

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