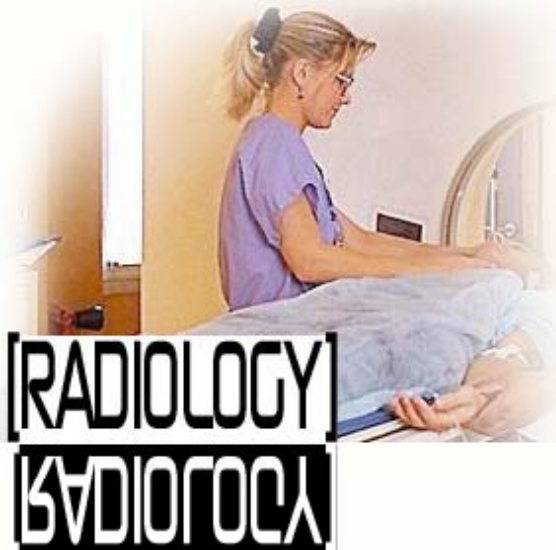




LABWARE
RADIOLOGY INFORMATION SYSTEM



LABWARE RIS is a comprehensive Radiology Information System, designed and developed with the assistance of professionals from the Radiology modalities and IT industry. LABWARE RIS caters to the need of all operational, diagnostic and administrative functions of a Radiology Department. Radiology module supports examinations and services provided for Xray, MRI, CT Scan, Ultrasound and Mammography, PV Study, DSA, Doppler and others. The system captures standing data about various Tests and standards. It provides facility to create and maintain Templates for normal and exceptional results of each test. Using the master appointment scheduler of CARE2000, Service appointments can be issued.

System provides the capability of creating different time slots for different machines so that appointments are issued as per the time taken by the respective Radiology machine.

Subsequently, when tests are conducted, results entry is simplified. User can simply select the default result template and alter the required information particular to that patient. System provides options to highlight results in Bold and Italics drawing immediate attention to both important and exceptional result. In addition, options are available to do a "Print preview" - preview of result on screen and to allocate Page numbers for more effective presentation and formatting of the investigation Report. The system generates Service appointment schedules based on radiologists shift timings and options are provided to issue, confirm or cancel appointments. This module also tracks expiry dates of stores items for Radiology.

BRIEF OVERVIEW

Radiology module allows scheduling, servicing and result generation for various radiology procedures under DSA, Imaging, PV Study, Plain X-ray, MRI, CT Scan, Ultrasound and Mammography.

- Radiology - NUCLEAR MEDICINE
- Radiology - MRI
- Radiology - CT SCAN
- Radiology - ULTRA SOUND
- Radiology - MAMMOGRAPHY
- Radiology - P V STUDY



Radiology – DOPPLER
Radiology - X RAY
Radiology - RENOGRAM
Radiology - THYROID SCAN
Radiology - NUCLEAR MEDICINE
Radiology - BONE SCAN
Radiology - LIVER SCAN
Radiology - GENERAL RADIOLOGY SERVICES

A utility is also provided to set-up unlimited number of Tests and its parameters. A user-friendly Test results printing utility guides you through the tests, offers selection of options and prints results as per formats defined by the hospital. This module also provides facility to schedule resources and offers a system to file and retrieve X-ray films and test results. The information can be accessed either by PIN or name.

Test procedures and standard codes

As its standing data, the system maintains procedures of various tests, Radiological standard codes, film types and sizes. Upon entry of Radiology code, all related information is quickly displayed on user's screen. Actual test results of a patient can then be entered. Again, following the "single point input" principle, CARE2000 updates patient database instantly. All modules of CARE2000 can thereafter, access Radiology test results.

Radiology functions

Major options provided by this module are:

1. Test maintenance.
2. Radiologist appointment generation
3. Radiologist non-availability.
4. Issue appointment.
5. Cancel/Confirm attendance.
6. Record attendance/service.

Expiring films

In addition to tracking movement and location of x-ray film, this module tracks expiring films and generates "alerts". These alerts are provided as screen displays and alert reports.

Film tracking mechanism

Like Medical File, this module tracks movement of X-ray film within the hospital. Radiology module automatically generates a list of films due for destruction. **Reports** Every radiology department has a different interface for recording the service details where the particular findings of the test are accepted. The system accepts the comments and study details, which appear in the reports. Reports are available on tests performed



by Radiology code, date and type of test. Daily weekly, monthly and annual reports are generated on radiology tests. Advance Alert reports on expiring films are produced. This module produces analysis of tests by admission type.

Key features of this module are:

- Maintenance of standing data of Radiology standard codes.
- Maintenance of standing data on procedures of various tests.
- Resources scheduling.
- Maintenance of Templates for Normal and Exception Text type reports for tests.
- Different time slots for different Radiology sections to facilitate appointments scheduling as per the duration appropriate for the machine.
- Radiology Service appointments by Section, date and time.

Options

DICOM compatibility interfaces available with Radiology equipments.

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