PATIENT CD PRODUCTION

The system of production of patient CD, compliant to IHE guidelines, consists of:

- **DISCPRODUCER EPSON PP-100**
  fully automatic burning system for CD / DVD media.

- **eyeCDpatient**
  software application that can create a CD / DVD with DICOMDIR and HTML structure,
  related to the study / studies to be delivered to the patient and starts burning it on DiscProducer.

The CD / DVD generated in accordance with **IHE Portable Data for Imaging (PDI)** profile is structured in this way :
- directory containing images in DICOM format
- html file index
- imagines of kind "preview" for browsing of JPEG images with most known browser (Explorer, Firefox, Chrome)

To this structure, the DICOM EYELITE viewer is added, proprietary software that can easily view DICOM images caming from the patient CD structures (DICOMDIR) on the CD.

The application includes automatic labeling of the CD with patient identification data, examinations whitin and the structure where they were performed.

In the proposed package, the CD label is customized at the system setup time.

In the standard configuration, the system is piloted as if it were a DICOM node to which the images to be burned are sent.

HARDWARE
- DiscProducer EPSON PP 100
- Support PC for printing / burning

SOFTWARE
- CD generation software with DICOMDIR and HTML structure
- Driver for sending the CD (iso) image generated to DiscProducer
- Burning software on DiscProducer with sending queue management
- Multiplatform DICOM viewer on board of the CD for viewing diagnostic images
- WEB-based application for managing and generating patient CDs

RIS

PACS

WS DICOM

RIS
sends the report
to the patient CD
generation system
(DICOMDIR)

PACS
sends DICOM exams
to the patient CD
generation system
(DICOMDIR)

DICOM WS
sends DICOM exams
to he patient CD
generation system
(DICOMDIR)

eyelite CD