FUJI MEDICAL DRY LASER IMAGING FILM DI-HL

Fuji Medical Dry Laser Imaging Film, DI-HL, is specially designed for use with FUJI MEDICAL DRY LASER IMAGER DRYPIX 7000/5000/4000. DI-HL is employed in recording the images from Computed Radiography (CR), Computed Tomography (CT), Magnetic Resonance Imaging (MRI), Digital Subtraction Angiography (DSA), and other medical imaging modalities.

PHOTOGRAPHIC AND PHYSICAL CHARACTERISTICS

1. Sensitivity and Contrast

Sensitivity and contrast of the DI-HL are suitably designed for a dry laser imaging system with the FUJI MEDICAL DRY LASER IMAGER DRYPIX 7000/5000/4000.



2. Maximum density

Maximum density can be selected up to 3.6 when used with the FUJI MEDICAL DRY LASER IMAGER DRYPIX 7000/5000/4000.

3. Film structure



4. Film package

The DI-HL film is specially packaged for daylight loading. Instructions for loading are included in the film drawers and the operation manual of the FUJI MEDICAL DRY LASER IMAGER DRYPIX 7000/5000/4000.

Film Size	Quantity/Package
35 x 43	100 sheets + 1 protective sheet
26 x 36	150 sheets + 1 protective sheet
25 x 30	150 sheets + 1 protective sheet
20 x 25	150 sheets + 1 protective sheet

AVAILABLE SIZE AND QUANTITY

HANDLING AND STORAGE PRECAUTIONS

1. Handling and storing unopened film packs

- The DI-HL film is used exclusively for the FUJI MEDICAL DRY LASER IMAGER DRYPIX 7000/5000/4000, and cannot be used in other devices or systems.
- (2) Be sure to store an unopened film pack in a cool place protected against radiations and X-rays.

2. Handling and storing an opened film pack

(1) Be sure to store an opened film pack in a cool, dry and dark place protected against radiations and X-rays the same as with the conventional wet film.

Storage temperature: 10 to 25°C (50 to 77°F) Relative humidity: 30 to 60%RH

Air-conditioning may be necessary if the FUJI MEDICAL DRY LASER IMAGER DRYPIX 7000/5000/4000 is installed where temperatures and humidity exceed the above conditions.

- (2) Do not take unused film out of the film tray once it has been loaded in the FUJI MEDICAL DRY LASER IMAGER DRYPIX 7000/5000/4000, nor add film to the film tray before using the remaining film. This will result in malfunction or failure of the imagers.
- (3) Unused film should be handled with the film cardboard. Do not touch unused film with bare hands. This may cause artifacts appearing on the recorded image.
- (4) The film pack contains a protective sheet on the bottom. This protective sheet will remain in the film pack even after all film has been used up. It cannot be used for image recording. Discard it together with the film cardboard remaining in the film tray.

3. Handling and storing recorded film

- (1) Do not touch the emulsion side of recorded film with bare hands. It may result in finger print marks on the film.
- (2) Contact with water, alcohol, developer, or salt may result in artifacts appearing on the surface of the film, especially under high humidity conditions.
- (3) Do not store recorded film with the emulsion surface in contact with other film's emulsion side.
- (4) Store recorded film in a cool, dry, and dark place. After being stored in higher temperature and humidity than conditions described in item 2-(1), optical density of recorded images may change. Long-term storage at high temperature, high humidity, and/or daylight conditions, such as in a car or in room during summer, may cause discoloration.

SYMBOLS AND ABBREVIATIONS

LOT	Batch code
\square	Expiry (Use by)
NIF	Non Interleaved Film
	Store film at 10 to 25°C, at 30 to 60%RH
	Store film properly shielded from X-rays, gamma rays or other penetrating radiations and the direct sun.



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