

Light Stimulation Emission

STIMULATION

- Finely focused beam (LASER) of infrared light (beam diameter = 50 to 100 μm) is directed at PSP.
- A He-Ne gas is used to be the stimulating source of choice
- But it is largely replaced by Solid State Laser

Computed Radiography Reader

Mechanical Features
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- Cassettes are placed in the reader horizontally or vertically

Screen Film Vs CR System

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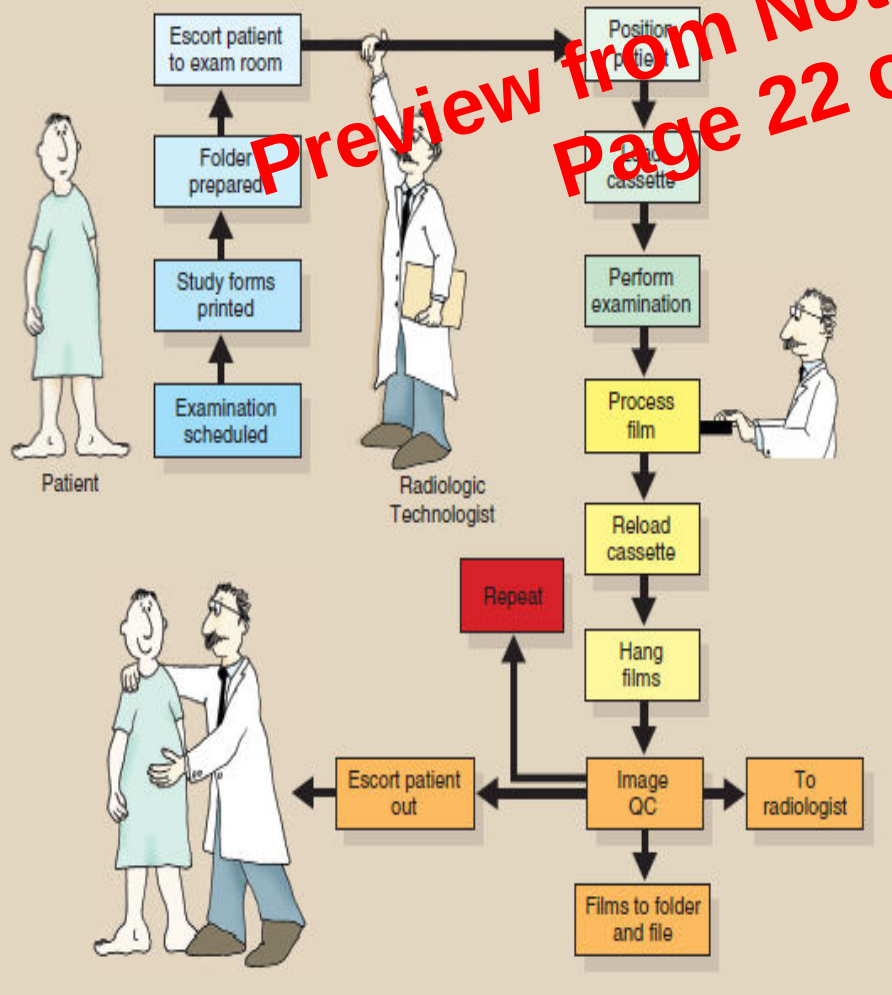


FIGURE 15-1 Sequence of activity for screen-film radiography.

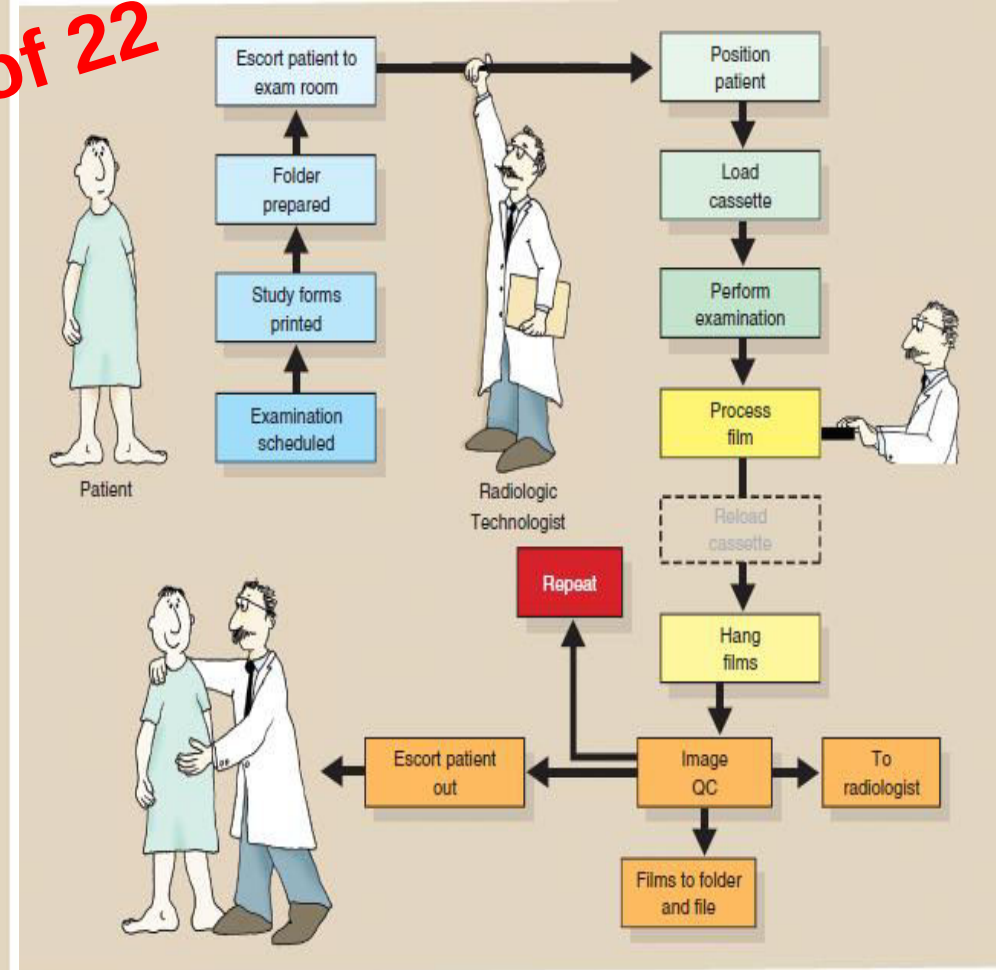


FIGURE 15-20 The transition from screen-film radiography to computed radiography (CR) removes one step from the radiography workload process.