1) Description
KODAK EKTASCAN B/RA Film / 4153 is a medium speed, single coated, tabular grain, orthochromatic medical x-ray film for photography of cathode-ray (CRT) tubes. It is coated on a blue, 7-mil blue-tinted polyester support with a dyed pellloid backing which affords anti-halation protection. The film orientation is that the emulsion side is up when the notch is at the right-hand side of the top edge of the film. It is processable in existing automated processing cycles, as well as Rapid Access process cycles.

2) Safelight
Use a KODAK GBX-2 Safelight Filter with a frosted 15-watt bulb located at least 4 feet from the film.

3) Storage and Handling
   Handling -
   Hands must be clean, dry and free of lotions, etc. Film should be handled carefully by the edges to avoid physical strains such as pressure, creasing, or buckling.

   Storage -
   Store unexposed film at 50 to 75°F (10 to 24°C), at 30 to 50 percent RH, and properly shielded from x-rays, gamma rays, or other penetrating radiation. Keep exposed film in a cool, dry place that is properly shielded from penetrating radiation. Process as soon as possible after exposure. Processed film should be stored at 60 to 80°F (16 to 27 C), at 30 to 50 percent RH.

4) Sensitometric Parameters

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Description</th>
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<tbody>
<tr>
<td>Relative Speed:</td>
<td>Measured at a density of 1.00 above gross fog.</td>
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<tr>
<td>Contrast:</td>
<td>Measured as slope of the line between densities of 0.25 and 2.00 above gross fog.</td>
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<tr>
<td>Gross Fog:</td>
<td>Density of film base plus processing fog.</td>
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5) Intermix
This film can be processed with intermixes of common medical x-ray films.
6) **Automated Processing**

Processing is recommended in KODAK X-OMAT and KODAK RP X-OMAT Processors, using KODAK RP X-OMAT, KODAK X-OMAT EX II, KODAK Medical X-Ray, KODAK X-OMAT LE, or KODAK X-OMAT LE+ Chemicals.

7) **Graphs**

**Characteristic:**
- A) RP X-OMAT Chemicals; Standard Cycle; P-4 Phosphor Exposure (1-02)
- B) RP X-OMAT Chemicals; Standard Cycle; P-11 Phosphor Exposure (1-02)
- C) RP X-OMAT Chemicals; Standard Cycle; P-45 Phosphor Exposure (1-02)

**Safelight Sensitivity:**
- D) (1-02)

**Spectral Sensitivity:**
- E) (11-01)

**Note:** The Carestream Health materials described in this publication for use with KODAK EKTASCAN B/RA Film / 4153 are available from dealers who supply Carestream Health products. You can use other materials, but you may not obtain similar results.

The contents of this publication are subject to change without notice.

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Carestream Health, Inc. - Rochester, NY 14608

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1**NOTICE:** The data in this publication represent product tested under the conditions of exposure and processing specified. They are representative of production coatings, and therefore do not apply to a particular box or roll of photographic material. They do not represent standards or specifications that must be met by Carestream Health, Inc. The company reserves the right to change and improve product characteristics at any time.
Notice: While the data presented are typical of production coatings, they do not represent standards which must be met by Carestream Health, Inc. Varying storage, exposure, and processing conditions will affect results. The company reserves the right to change and improve the product characteristics at any time.
KODAK EKTASCAN B/RA Film / 4153
Simulated P-11 Phosphor Exposure, 2 sec
KODAK X-OMAT 480 RA Processor, Standard Cycle
Fresh KODAK RP X-OMAT Chemicals, Diffuse Visual Densitometry

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KODAK EKTASCAN B/RA Film / 4153
Simulated P-45 Phosphor Exposure, 2 sec
KODAK X-OMAT 480 RA Processor, Standard Cycle
Fresh KODAK RP X-OMAT Chemicals, Diffuse Visual Densitometry

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