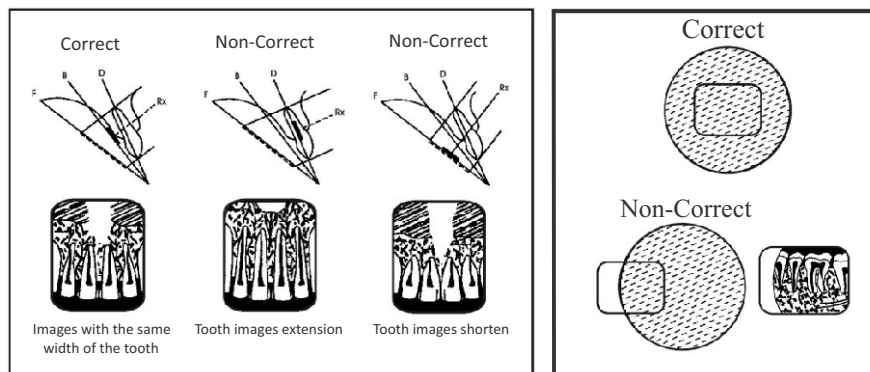


RADIOGRAPHY TIPS

Typical defects of intra-oral radiology	Possible causes:
Light radiographs / grainy image with the Digital Sensor	Insufficient exposure to X-ray (short time) Insufficient development time Deteriorated developer Developer temperature below recommended value Incorrect developing fluid dilution
Dark radiographs:	Excessive exposure to X-ray (long time) Excessive development time Developer temperature above recommended value Incorrect developing fluid dilution
Blurred radiographs (details not visible):	The patient moved The tubehead moved
Partially exposed radiographs:	X-ray directed off the film's mid section Low developmental fluid level, with consequent partial film development Two or more films placed against each other during development
Clouded radiographs:	Excessive film shelf life (check expiration date) Film accidentally exposed to X-ray Film accidentally exposed to other natural or artificial light sources
Radiograph showing a black line:	This line appears when the film is excessively folded
Radiographs showing signs of electrostatic charge:	When film is compressed too much and the air is dry, static electricity may be released discharging in the compensation points, which display black marks.
Film with chemical spots:	Development and fixing fluid spattered on the film before development and fixing procedures produces spot on the radiograph; such spots are: Dark, when caused by development fluid Light when caused by fixing fluid
Film with emulsion coming off:	If the film is kept in a hot water bath too long (e.g. throughout the whole night), the emulsion may become softer and partially come off the film base. After development, the film will show scratches.
Typical defects caused by incorrect positioning	
Radiographs with elongated or shortened image:	The main beam is not perpendicular to the bisecting of the angle formed by the tooth longitudinal axis and the film.
Film with stretched out tip tooth	Probably caused by excessive film folding inside patient's mouth.



WARNING: THIS PROCEDURE MUST BE DONE FOR A SPECIALIZED TECHNICIAN. WE ARE NOT RESPONSIBLE FOR ANY ACIDENT OR DAMAGE DURING THE PROCEDURE