



FORM CRED 550SA

**Credentials Radiograph
Reviewer Report Form**

This version is in effect for the Credentials Review cycle current at the time of download of this form.

Introduction

Radiographs of good quality are critically important for the diagnosis and treatment of oral diseases. An entry-level diplomate should know what perfect dental radiographs look like and how to produce them, including proper mounting, labeling, projection geometry and processing. A cadaver specimen is required for both dog and cat submissions. (Submission of brachycephalic breeds for rad submission is greatly discouraged due to the overlap and crowding of teeth. Feline submissions with tooth resorptions (TR) are also discouraged and due to the inability to review the entire tooth/root.)

AVDC trainees are required to submit an intra-oral radiographic survey set of a cat and of a dog. On the Resident Resources page on the AVDC web site (www.AVDC.org), click *Radiograph Set Information* for more information on what images are to be obtained, use of cadavers, how to submit a radiograph set and other details of this requirement.

The goal of the Credentials Committee relative to this requirement is to ensure that the radiographs indicate that the applicant has the training, knowledge and skill to fulfill the requirements.

Specific criteria are used to assess the radiograph set. *Doing the wrong thing well is not sufficient for approval.* The submission of satisfactory radiographs is an opportunity for an applicant to show how well s/he has integrated the principles of oral radiography into her/his practice.

The form below is used by the Credentials Committee members to report the review. Trainees are encouraged to use this form to complete a self-assessment of their radiographs before submitting them to AVDC for review. The comments included on the form describe common reasons for non-approval of radiograph set submissions.

Passing grade is 80%.

Canine or Feline Full-mouth Dental Survey Review Form

Code number:	Species:
Reviewer:	Date reviewed:

All teeth clearly visible and appropriate images provided?

A complete permanent dentition is required. (The following teeth may be absent in a submitted radiographic set that may include 1 but not more than 1 of the following exceptions: 1 maxillary or mandibular incisor tooth (canine or feline); 1 maxillary premolar other than the maxillary 4th premolar tooth (dog and cat); 1 maxillary 1st molar (feline); 1 mandibular 3rd molar (canine); or 1 maxillary 2nd molar (canine). Radiograph sets with Teeth not clearly visible will be returned to the trainee without grading.

A **CANINE** radiograph set must include the following standard images:

- Occlusal view of the maxillary incisors
- Lateral view of the maxillary canines
- Lateral view of the maxillary premolars and molars
- Occlusal view of the mandibular incisors
- Occlusal view of the mandibular canines
- Lateral view of the mandibular canines
- Lateral view of the mandibular premolars and molars

A **FELINE** radiograph set must include the following standard images:

- Occlusal view of the maxillary incisors
- Lateral view of the maxillary canines
- Lateral view of the maxillary premolars and molars
- Extra-oral imaging (lateral or oblique) must be identified in legend
- Occlusal view of the mandibular incisors
- Occlusal view of the mandibular canines
- Lateral view of the mandibular premolars and molars

Comments:

Radiographs mounted in labial presentation and labeled?

*The radiographs are to be mounted using “labial mounting”. The definition of labial mounting and examples of proper labial mounting are provided in the radiograph set document on the AVDC website. Identification of RIGHT or (R) and LEFT or (L) must be present on each image template page. A **LEGEND** must be present below each radiograph. This legend is to identify the tooth and the view taken. (Example: A lateral radiograph of 104 should have the following legend: 104 Lateral) Extraoral imaging must be identified as such on the legend. Missing and supernumerary teeth must be identified on the legend.*

The label is to include: Date, approximate age (if known), breed (if known) Sets that are submitted without proper labeling or mounting will be returned to the trainee ungraded.

Comments:

Number of radiographs included?

The maximum number of views that may be submitted is Feline: 12; Canine: 30. When multiple views of the same teeth are included, the label is to include the reason for the

additional views. The radiograph set will be returned ungraded to trainee if there are unexplained multiple views or the maximum allowed quantity of images is exceeded.

Comments:

Proper angulation - no foreshortening, elongation, horizontal overlap? 34 points maximum. Deduction of 11 points per image with inadequate angulation.

All the roots must be seen in correct angulation. Radiographic images must reflect the length of the tooth with avoidance of foreshortening or elongation. Horizontal overlap may be present on a particular image as long as a separate image shows the entirety of that root (i.e. distal root of the maxillary 4th premolar may be overlapped with the maxillary 1st molar to allow proper isolation of the mesiobuccal and mesiopalatal roots of the 4th premolar tooth.) If additional radiograph(s) are included to isolate some roots, does the label state the purpose of the additional radiograph(s)?

Total points (maximum 34):

Comments:

Adequate isolation of all roots, with 2mm visible beyond all apices?

33 points maximum. Deduction of 11 points per root that is not adequately visualized on any of the images.

*Each root is to be isolated on at least one radiograph. At least 2mm space beyond apices is to be visible (on a series of views when necessary). Some leeway on the requirement of isolating each root will be permitted for the upper molar teeth of a dog because they are not always isolatable. It is sometimes difficult to isolate the roots of the second and third upper premolar teeth when they are rotated in dogs; for this reason, to meet this AVDC radiographic requirement, **trainees are advised to avoid submitting radiographs of a brachycephalic dog.***

Feline radiographic sets may require extra-oral imaging of the caudal maxilla to allow proper isolation of tooth roots and apices.

Total points (maximum 33):

Comments:

Exposure/Developing Technique Adequate? Contrast, clarity, lack of artifacts?

33 points maximum. Deduction of 11 points per image with inadequate exposure or developing technique.

Chemical stains, scratches, other artifacts can interfere with the interpretation of a radiograph.

Total points (maximum 33):

Comments:

TOTAL SCORE: _____ **(Passing grade 80%)**

SUMMARY:

Unable to review:

Quality of the digital images submitted is too poor to permit review in electronic format. Recommend return to applicant un-reviewed because of e.g. inappropriate labeling; all teeth not clearly visible; exceeding maximum number of images.

Approve.

Do not Approve: (Use space **above** for specifics – must include reasons for Non Approval written in comments section)

Submit the completed form via DMS by attaching this completed review report file within the document that is being reviewed.

Name the file: Code# YourLASTNAME Return Unreviewed or Approve or Comments or Not Approved