



### Dental radiographs, what do you need to see/what do you want to see?

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In veterinary dentistry intra-oral radiographs are indispensable. Nowadays the majority of veterinary practices have digital radiography, making developmental mistakes more and more a historic phenomenon. However one must still consider the limitations of the human eyes and brain in interpreting radiographic images; not always is what we think we see reality. Radiographs can be a pitfall when your conclusion is too fast and/or based on the radiograph only. Sometimes it is important to have a second look at a radiograph and allow yourself to reconsider your first assumption.

Dental radiographs are used in all disciplines of veterinary dentistry like periodontics, endodontics, pedodontics, prosthodontics, surgery.

In two studies on canine apical periodontitis it was shown that in more than 40% of the cases apical periodontitis was confirmed with histopathology, whereas no radiographic signs of abnormalities were detected. In these studies it was also shown that when roots were radiographically diagnosed with periapical disease, almost 90% was diagnosed with periapical disease on histology (In; Menzies and Reiter 2014). The lecture will focus on realizing that there are pitfalls when looking at radiographs, interpretation of dental radiographs and aims at stimulating the delegates to be critical and maybe re-assess and adjust their conclusions based on radiographs

#### References:

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