

Preliminary Evaluation, Rider Apex Locator

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Here is a brief run down on an update of our evaluation of the Rider. I am preparing to send a spread sheet containing the clinical data.

The Rider is truly great.

We have compared it to a Root ZX and a Justwo with radiographic confirmation. It is significantly more accurate [over 21 cases] than the RZX, not so much different than the Justwo.

We really like having it tell us WL through the smaller rotaries; larger ones are less of an issue-this is just us I think, as I like to confirm MAF, which it does with identical readings to the original WL file, whatever that may be.

On a sample of 1 we also have found that it will give an accurate length when you bypass a perforation, which none of the other EAL'S do.

It does require a dry pulp chamber and your WL file needs to be pretty close to canal size. People should do this anyway.

It has proven to be unbelievably reliable through crowns which neither of the RZX or Justwo tend to be; the latter better than the former.

Battery life is good [3 months so far].

We have had 2 unexplainable no readings when going through what seemed to be a glass ionomer core. I do not have an explanation for this. I will be sending the spreadsheet with the clinical data shortly.

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