STEP DOWN/ CROWN DOWN PRESSURELESS TECHNIQUE

- In this technique Gates- Glidden drills and larger size files are first used in the coronal 2/3rds of the root canal and progressively smaller files are used until the desired working length is achieved.
- Main disadvantage of Step Back technique was extrusion of debris apically. This was prevented by this technique.
- This technique provides a coronal escapeway that reduces the piston in a cylinder effect responsible for the debris extrusion from the apex.

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- ***The entire sequence is then repeated .***

- ***Each time the instrument goes deeper than the previous time .***

- ***This creates a tapered preparation.***

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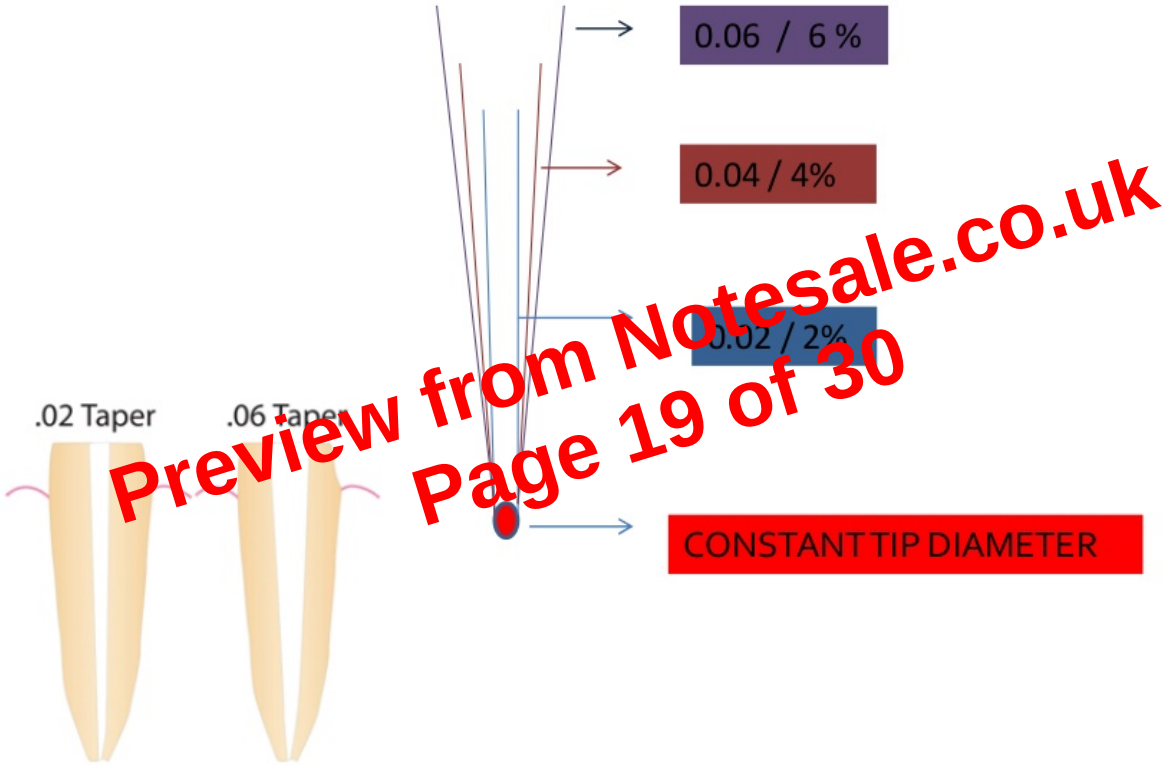

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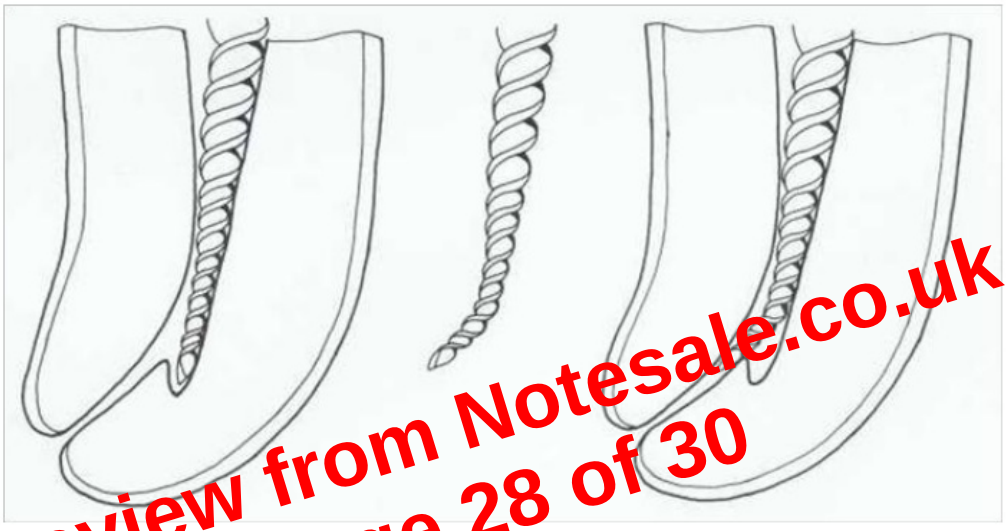
LEDGING



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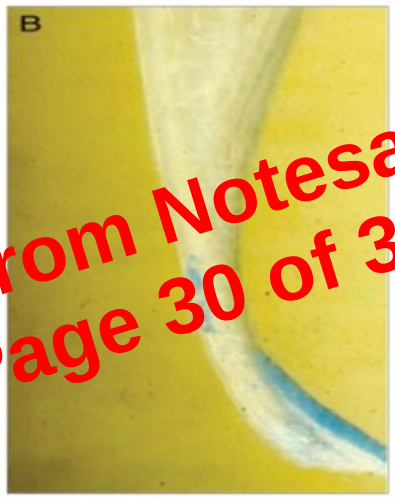
Caused by

– forcing uncurved instrument in a curved canal.

– Rapid advancement in file size.

• Identified by Loss of tactile sensation on instrument - loose feeling instead of binding at the apex.

ELBOW



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