Review article:

Disposable Handpiece at Dentist Practice Office

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Abstract: Frustrating when handpiece breaks down and the dentist in need of a reliable substitute. When high-speed handpieces fails, what are the alternatives, Stop and replace a turbine, Grab another sterilized high-speed or Call a dealer representative to deliver a replacement handpiece. These are all viable options, but they can be time consuming and costly. With this in mind, it is recommended that dentist have more than one reliable back-up.

Discussion

China is a country famous for its cheap products, one product in the field of dental technology is a disposable handpiece. This item can be purchased for only 4 dollars on ebay. Here will be discussed not about china product but the usefulness of a disposable handpiece.

Picture 1 . Example: some product disposable handpiece

Some of the uses of disposable handpieces are:
1. This tool is used only once (disposable) and do not need to be sterilized because packed in hermetic plastic.
2. Because disposable then will not transmit cross infection in other patient.
3. Can be a backup in place of practice, when handpiece mainstay made of metal that we often use is damaged and there is no backup to replace.
4. With high speed, this handpiece can do drilling with same result if we use expensive handpiece though.
5. Can be performed for implanted molar surgery, as it does not pose a risk of air trapped in the tissue in the surgical area.
6. Can be done cleavage on tooth extraction of porous root residue.
7. Can break crown and bridge made of metal or porcelain.
8. Light because it is made of plastic
9. In some circumstances it can still be sterilized
10. Self savable, can be used up to 20 times normal usage. In normal use.

Disadvantages of this tool:
1. Some products are small, hard to hold for application in the mouth.
2. The noise is louder
3. Turbines are easily damaged
4. Because it is made of plastic, turbine head at risk of rupture when experiencing excessive heat (over heat)

Conclusion
More advantages compared to the loss, but the dentist can decide when to wear this handpiece.

References