

- ***We Do Not Suggest to Reuse Burs.***

- o We have seen many handpieces come in for repair with bearings issues. One of the biggest issues is reusing burs. Reusing burs may cut costs on purchasing more burs in the future, however it actually does more damage to the bearings and chuck mechanism. Reused burs are dull and damaged, thus causing the operator to apply extra pressure to cut faster. When doing so, this causes extra pressure on the bearing retainer causing the bearings to fail prematurely. Reused burs are, 90% of the time bent to a small degree that the human eye cannot detect, thus causing small vibrations, damaging the bearing retainer. When the handpiece is taken apart, more than often we will see parts of the bearing fall out of the handpiece. If reusing burs is a must, we recommend not using sterilize compound agents.
 1. Sterilize compound agents come in many forms; compounds, wipes, agent, and sprays. This compound leaves a residue on the bur, and when the bur is seated in the chuck, this residue is transferred, causing the chuck to “gum up” with debris more quickly, almost acting like a glue. Once the chuck is gummed up with debris, burs will not be seated properly, and possibly become loose, or jammed, while in use. We suggest to simply do not reuse burs. The cost of a new bur spend is much less than always having to repair your handpieces.

- ***Do Not Remove a Handpiece from the Autoclave Too Early.***

- o Removing the Handpiece before the Drying Cycle is complete or before the Handpiece has Cooled Down will cause condensation buildup inside the handpiece which will lead to internal rust and the handpiece will be *ruined*.

- ***Do Not Leave Burs In the Chuck During Autoclaving.***

- o When burs are installed in an autochuck, the springs in the chuck are under tension. Applying extreme heat while under tension will weaken the springs and reduce the lifespan of the chuck. When burs are left in a manual chuck, it can cause a buildup of debris inside the chuck causing problems during operation.

- ***Make sure to check your Air & Water Lines for Debris.***

- o Having contaminated air or water lines can also contaminate all handpieces that use those lines. You can check if you have dirty lines by purging the lines onto clean white paper towel. If you see any dirt or discoloration, your line may be contaminated.