

<b>Subject:</b>	<b>Gentlefile</b>	<b>Page of</b>	

<b>Subject of Trial:</b>	Separation	Date- 4-7.2013	No:	3
<b>Performed By:</b>	Dr. Tsisis Dr. rozen Mr. Becker			
<b>Aim:</b>	To evaluate the incidence of separation of gentle file during the preparation of the root canals ex vivo			
<b>Materials and Methods:</b>	<p>11 extracted human molar teeth were selected. Total 26 root canals were prepared</p> <ul style="list-style-type: none"> <li>- working length was established using #10 K-file</li> <li>- root canals were prepared using Gentle file according to the protocol: grey, yellow, red and blue file sizes were used in the dedicated handpiece at 6500 RPM</li> <li>- following each use the files were evaluated under USB microscope-model DM-200UA made by INT'L INDUSTRY LTD at X 44.8 magnification and incidence of file separations were noted</li> </ul>			

**Results:** no file separations occurred



