

(21)

Endodontic Lab Quiz 3A
January 26, 2004

Name _____

Seat No. E-1

58. What is the purpose of the lateral condensation technique of Root canal obturation as stated in the lab manual.
- OBLITERATE ROOT CANAL W/ GP SEALER*
- Obturate the Root Canal and Sealer

59. According to lab manual, what instrument is used to move the gutta percha within the canal laterally during the lateral condensation.

25S Spreader

According to lab manual, there are two methods of placing root canal sealer into the canals. What are they?

60. Using the Master Cone
61. Using the Gates-Glidden on a Slow-Speed Handpiece

According to lab manual, what are the two criteria to verify that the root canal is properly filled?

62. Radiographically the root canal ^{SEALER} is 1 ^{mm} ~~mm~~ from the apex.
63. Fills all of the root canal especially any lateral canals

64. Why is alcohol used to clean the spatula and glass slab of the root canal sealer?

Because the root canal sealer is not water soluble, it will come off easier w/ alcohol

65. According to lab manual, what could result from forcing a spreader or finger plugger with excess force into the canal during lateral condensation?

APICAL EXTRUSION Could Perforate thru the apex of the tooth or break the root

When preparing the root canal to receive a post and core, the coronal 2/3 of gutta percha is removed with warm pluggers. What are the three methods stated in the manual to enlarge the unfilled coronal portion of the root canal.

66. Files or Reamers
67. Gates-Glidden File on a Slow-Speed ~~hand~~ handpiece
68. Peeso-Reamer ~~on~~ File on a Slow-Speed handpiece

69. What is the reason given in the lab manual that we do not advocate the use of Peeso Reamers in root canals.

Could break thru the root or crack the root

Give the two purposes of root canal sealer stated in the lab manual.

70. To hold the master cone properly in place
71. To fill any lateral canals other than the main canal
72. The Gutta Percha should be placed in the salt sterilizer for 5 to 10 seconds before cementing them into the canal.

True or False

Give at least three ingredients that comprise the powder mixture of the root canal sealer as stated in the lab manual.

73. Zinc Oxide
74. Barium Sulfate
75. Don't know - 1 SODIUM BORATE
76. According to lab manual, what is the solution used to disinfect gutta percha cones?

NaOCl

77. How long should gutta percha be in the sterilizing solution in order to be disinfected?

~~10-15 secs~~ 2 MIN

78. The root canal sealer used in the lab course is composed of liquid and powder. What liquid is used in the lab?

EUGENOL Grossman (AKA Roth Seal)

According to lab manual, what are the two criteria to test the root canal sealer is mixed properly?

SHOULD NOT
DROP FOR 10-15
SECS
1" STRING OUT
BREAKAGE, COALESCE

79. Root Canal Sealer should stick to the instrument 1" off the glass slab.
80. The Root Canal Sealer should exhibit string-back, break and then coalesce onto itself if done correctly.