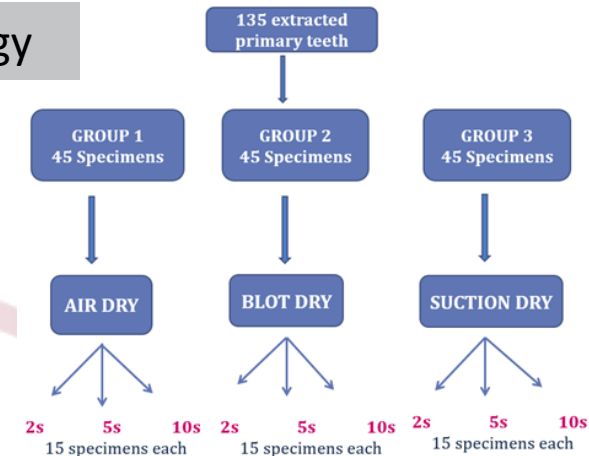


THE EFFECT OF SURFACE MOISTURE ON DENTINAL SHEAR BOND STRENGTH OF GLASS IONOMER RESTORATIONS IN PRIMARY TEETH: AN IN -VITRO STUDY

Aim

- To evaluate the effects of surface moisture on dentinal shear bond strength of GC Fuji IX on primary teeth
- 3 different drying techniques at 3 different time intervals

Materials and Methodology



Statistical analysis of data

- ANOVA – to compare the means of the shear bond strength among different drying techniques and times.
- Post hoc analysis - for intergroup comparisons

Conclusion

- Surface moisture plays a significant role
- Air-dry group : 5 s > 10s > 2s.
- Blot-dry and suction-dry groups 10s > 5s > 2s
- Air dry > Suction dry > Blot dry
- Statistically significant only in the 5 s group.

