**The RINJ Foundation
STEAM STERILIZATION USING THE TUTTNAUER MACHINE**

Instruments to be sterilized must be free from all residual matter, such as blood or organic tissue. Instruments must also be dry and free from mineral deposits. Such substances may cause damage to the instruments Sterilizer.

1. Clean instruments immediately after use. It is recommended that instruments be cleaned using the Tuttnauer CLEAN AND SIMPLE Ultrasonic Cleaning  Systym along with the Tuttnauer CLEAN AND SIMPLE enzymatic  cleaning solution.

2. After ultrasonic cleaning, rinse for 30 seconds pat and dry.

3. Follow the instrument manufacturer's instructions for cleaning and lubricating instruments.

4. Be sure the instruments of dissimilar metals ( stainless steel, carbon steel, etc. ) are separated. Carbon steel instruments should be bagged or placed on autoclavable towels and not directly on stainless steel trays.  ( Mixing will result in the oxidation  of those metals.

5. Check manufacturer's instructions as to the proper procedure for sterilizing  each item. the instrument  manufacturer  can give specific  information  on proper sterilization  temperature and sterilization time for any item.

6. Items must be sterlized in an open position.

7. Place a sterilization indicator in each tray or inside each wrapped pack.

8. At least once a month use a biological spore test ( Bacillus Stearothermophilus ) in any load to insure proper sterilization. The spore test should be placed in an area that is the most difficult for the steam to reach. ( Be aware testing standards may vary )

9. Make sure that all instruments remain apart during the sterilization cycle.

10. Empty canisters should be placed upside-down in order  to prevent accumulation of water.

11. Do not overload  Sterilizer trays. Overloading will cause inadequate sterilization and drying.

12. Allow distance of about 1" between trays or cassette to permit steam circulation.

13. Wrapped instruments should  be placed in material  which will allow steam penetration and promote drying such as an autoclave bag, autoclavable paper, or muslin towels.

14. Do not stack pouches. It is recommended that a TUTTNAUER POUCH RACK is used to provide proper spacing and insure steam penetration and adequate drying.