



PROCEDURE FOR UNACCEPTABLE WATER QUALITY

THE QUALITY OF THE WATER PRODUCED BY THE R.O. MEMBRANES VARIES ACCORDING TO THE QUALITY OF THE CITY WATER SUPPLY. R.O. MEMBRANES CAN REJECT ONLY A PERCENTAGE OF THE INCOMING IMPURITIES, NOT A FIXED VALUE. THIS IS DETERMINED BY THE QUALITY OF THE CITY WATER SUPPLY, PRE-TREATMENT, AND CARE OF THE MEMBRANES.

THE **AAMI** (ASSOCIATION FOR THE ADVANCEMENT OF MEDICAL INSTRUMENTATION) LIMITATIONS FOR **TOTAL DISSOLVED SOLIDS** IS 100 PPM (PARTS PER MILLION). A TOTAL WATER ANALYSIS SHOULD BE PERFORMED TWICE A YEAR, REGARDLESS OF THE TOTAL DISSOLVED SOLIDS VALUE INDICATED ON THE R.O. SYSTEM. THIS WILL INSURE THAT NO INDIVIDUAL ELEMENT EXCEEDS SAFE LIMITS.

IF THE TOTAL DISSOLVED SOLIDS OF THE R.O. WATER EXCEEDS 100 PPM, THE MEDICAL DIRECTOR SHOULD DETERMINE IF THAT LEVEL IS ACCEPTABLE TO CONTINUE DIALYSIS. **YOUR FACILITY POLICY MAY HAVE A LOWER LIMIT. CHECK WITH THE BIO MED DIVISION OR CHIEF TECHNICIAN.** IF THE QUALITY OF THE WATER IS NOT ACCEPTABLE, THE R.O. MEMBRANES SHOULD BE CLEANED OR REPLACED. IF THE MEMBRANES CANNOT BE REPLACED BEFORE THE NEXT TREATMENT, D.I. (DEIONIZED) TANKS SHOULD BE INSTALLED TO BYPASS THE R.O. SYSTEM UNTIL THE MEMBRANES ARE REPLACED.