

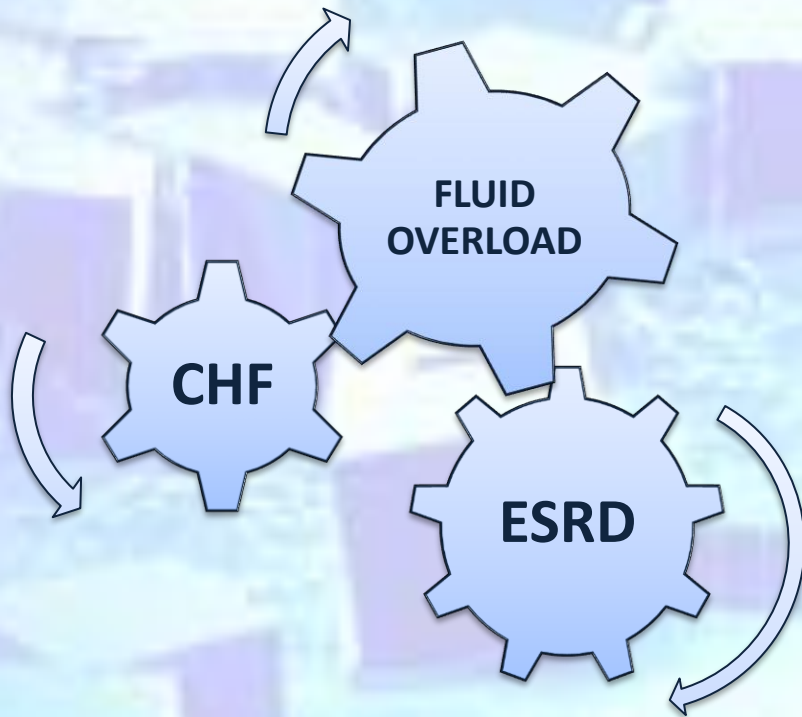


The Relationship Between Dialysate Sodium And Inter-Dialytic Weight Gain In Chronic Hemodialysis Patients

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Background

Factors affecting Intra Dialytic Weight Gain (IDWG)

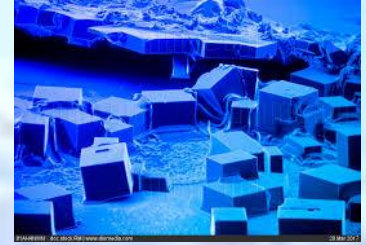


- **Physiological:**
 - Fluid retention
 - Dietary Intake
 - Background Diseases
 - Medications
 - Electrolyte balance
- **Psychosocial:**
 - Cultural Attitudes
 - Social Behaviors
 - Patient Compliance

GOALS

To Investigate the Relationship
of a Controlled Reduction
of Dialysate Sodium Per Patient
With Serum Sodium
and Intra-Dialytic Weight Gain

METHODS



Development of Protocol



Application of Protocol

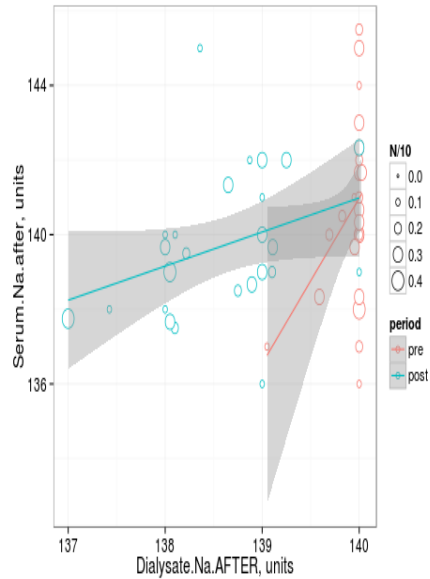


Individual Patient Tolerance

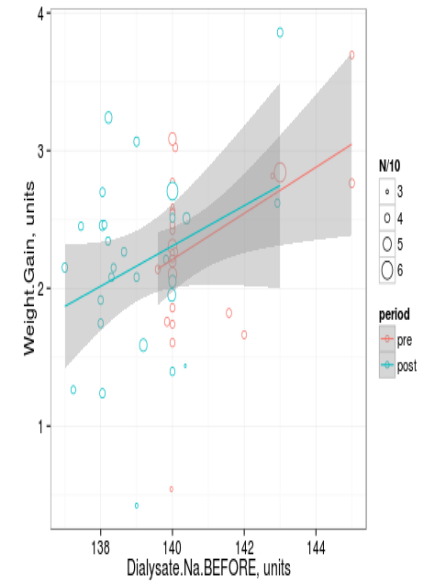
Retrospective Nursing Chart Review

- Reduction Of Dialysate Na Concentration
- Hemodynamic Stability
 - Blood Pressure
 - Pulse
 - Muscle Contractions
- Reduction of Serum Na Levels
 - Serum Biochemistry Assay
- Fluid Retention
 - IDWG

FINDINGS



(T=2.246,P=0.029)



(T 2.339,P=0.023)

- Reduction of Dialysate Sodium Concentration
- Reduction of Plasma Sodium Concentration
- Reduction of Intra-Dialytic Weight Gain
- Hemodynamic Stability

CONCLUSIONS

Raise your glass to the good and the evil

Let's drink to the salt of the earth

IMPLICATIONS?

PAIN MANAGEMENT



PATIENT EDUCATION



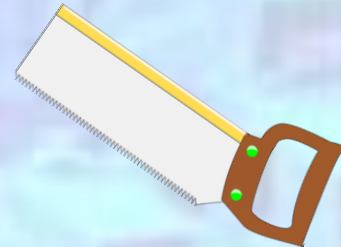
BP STABILITY



MEDICATION



PSYCHO-SOCIAL



APPLICATIONS!



NUTRITION

AVF/AVG HEALTH



INDIVIDUALIZED TREATMENT



INFECTION CONTROL

