

RCS 6080
Medical and Psychosocial Aspects of
Rehabilitation Counseling

Chronic Renal Failure

Chronic Renal Failure

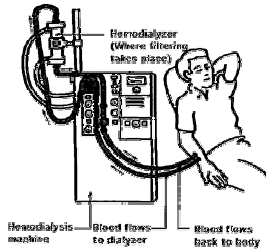
- Chronic Renal Failure and Its Progression
- Functional Adaptation to Nephron Loss
 - Increased amount of sodium that escapes reabsorption
 - Excessive amount of potassium in blood
 - Increased ammonia concentration
 - Calcium and phosphorus metabolism are markedly altered

Treatment of Chronic Renal
Failure

- Hypertension
- Metabolic Acidosis
- Anemia
- Renal Osteodystrophy
- Uremic Neuropathy
- Sexual Dysfunction

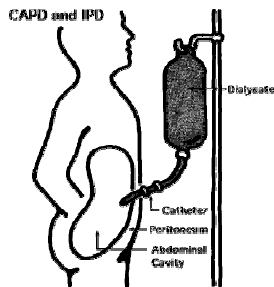
Treatment of End Stage Renal Failure

- Hemodialysis



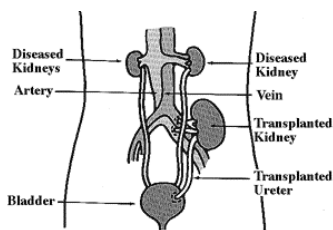
Treatment of End Stage Renal Failure

- Peritoneal Dialysis



Treatment of End Stage Renal Failure

- Transplantation



Treatment of End Stage Renal Failure

- Survival of People with ESRD
 - Data show a mean expected remaining life span of just under 8 years for people 40-44 beginning dialysis and just over 4 years for people 60-64
- Adequacy of Dialysis
- Nutrition

Chronic Renal Failure

- Physical Rehabilitation – benefits of exercise
- Vocational Rehabilitation
 - The goal should be to help the person with chronic renal failure to resume all the duties, responsibilities and benefits he or she enjoyed prior to the illness
 - Gainful employment is extremely important for an adult in the earning period of his or her life, to regain self-esteem and to interact with society confidently
 - Fear of losing financial benefits may deter some people
 - Some research has shown that multidisciplinary predialysis intervention leads to maintenance of job

Additional Resources and Information from the Web

- End Stage Renal Disease Network of Florida (www.esrdnetworks.org/networks/net7/net7.htm)
- University Renal Research and Education Association (www.urrea.org)
- National Institute of Diabetes & Digestive & Kidney Diseases (www.niddk.nih.gov/health/kidney/kidney.htm)
- Life Options Rehabilitation Program (www.lifeoptions.org)
- American Society of Nephrology (www.asn-online.org)
- National Kidney Foundation (www.kidney.org)
- JAN's webpage (www.jan.wvu.edu/soar/other/renal.html)
