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Physical therapy interventions, including student education, for individuals with chronic kidney disease receiving hemodialysis treatments

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This educational session is designed to present the most current evidence supporting the benefits of physical therapy interventions for the individual receiving hemodialysis treatments and demonstrate a method to promote this awareness within a Doctor of Physical Therapy curriculum. It will also provide support for the provision of those physical therapy services while the individual is receiving the dialysis treatment. Current research supports physical activity for individuals with chronic kidney disease and describes the benefits of physical activity for these individuals. Physical therapists possess the skills and the tools to effectively prescribe, monitor and educate people with chronic kidney disease on safe physical activities. Diabetes mellitus, obesity, and impaired cardiovascular function are other conditions faced quite often by individuals with chronic renal disease that may result in a lowered quality of life. Physical therapists can become integral members of the medical teams caring for these individuals by providing interventions to increase the quality of life for that population. With the continued rise of this world-wide public health problem, education for current physical therapy students regarding hemodialysis and the role of physical therapists for those suffering from chronic kidney disease is imperative. This session will identify some key elements utilized by one university to educate students while providing a service during hemodialysis treatments.

Biography

Rhonda Haley is a Clinical Assistant Professor and Director of Clinical Education in the Doctor of Physical Therapy program at Wheeling Jesuit University in Wheeling, West Virginia, USA and a staff physical therapist for Wheeling Hospital. She is a Clinical Specialist in Geriatric Physical Therapy and a certified Athletic Trainer. She presented Cardiorespiratory Rehabilitation, an International Training Workshop, at Universidad Autonoma de Yucatan in Merida, Yucatan, Mexico, a concurrent session at the APTA Combined Sections National Conference in San Diego, California, USA, and a research paper roundtable discussion at the 5th International Symposium Service-Learning at Stellenbosch University, Stellenbosch, South Africa.

Allen Marangoni, is a professor of physical therapy at Wheeling Jesuit University. Dr. Marangoni has been an active participant in service learning many years and has successfully coordinated programs through five different accreditation cycles using a system analysis approach. He earned an Ed.D. from Nova Southeastern University, a Master of Medical Science from Emory University School of Medicine, a B.S degree in Biology and degrees in Physical Therapy from West Virginia University and Wheeling Jesuit University.

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