Urine Protein Diagnostic Algorithm:

Localization of proteinuria as pre-renal, renal or post-renal is the first step in determining the clinical significance of a positive urine protein result on a urinalysis. Once pre-renal and post-renal causes of proteinuria have been ruled out, a UPC ratio can be performed to quantify the degree of renal proteinuria to determine its clinical significance. By measuring the urine creatinine along with the urine protein, the UPC ratio normalizes for variations in urine concentration.