

Contents

Cardinal symptoms of kidney diseases	1
Renal insufficiency	4
Nephrotic syndrome (NS)	6
Glomerulonephritides	8
Urinary tract infections (UTI)	22
Renal involvement in metabolic diseases	25
Renal involvement in monoclonal gammopathies	33
Renal involvement in liver diseases	38
Acute and chronic tubulointerstitial renal diseases	40
Acute kidney injury (AKI, acute renal failure, ARF)	46
Hemolytic uremic syndrome (HUS), thrombotic thrombocytopenic purpura (TTP)	50
Renal involvement in systemic diseases	54
Chronic renal failure (CRF)	68
Congenital renal diseases	79
Hypertension	82
Renal biopsy	91
Appendix	94
Bibliography	95

Abbreviations

ACE = angiotensin converting enzyme
ADPKD = autosomal dominant polycystic kidney disease
AIN = acute interstitial nephritis
AKI = acute kidney injury
ANA = antinuclear antibodies
ANCA = antineutrophil cytoplasmic antibodies
ARB = angiotensin II receptor blocker
ARF = acute renal failure
ATN = acute tubular necrosis
BUN = blood urea nitrogen
c-ANCA = diffuse cytoplasmic ANCA
CAPD = continuous ambulatory peritoneal dialysis
p-ANCA = perinuclear ANCA
CIN = chronic interstitial nephritis
CRF = chronic renal failure
CKD = chronic kidney disease
DD = differential diagnosis
DN = diabetic nephropathy
DM = diabetes mellitus
ESRD = end-stage renal disease
FMD = fibromuscular dysplasia
FSGS = focal and segmental glomerulosclerosis
GBM = glomerular basement membrane

GFR = glomerular filtration rate
GN = glomerulonephritis
HD = hemodialysis
HRS = hepatorenal syndrome
HUS = hemolytic uremic syndrome
iPTH = intact parathyroid hormone
MCG = minimal change glomerulopathy
MPGN = membranoproliferative glomerulonephritis
MR = magnetic resonance
NS = nephrotic syndrome
NSAID = nonsteroidal anti-inflammatory drugs
NSF = nephrogenic systemic fibrosis
PD = peritoneal dialysis
PKD = polycystic kidney disease
PN = pyelonephritis
RPGN = rapidly progressive glomerulonephritis
sHPT = secondary hyperparathyroidism
SSc = systemic sclerosis
SLE = systemic lupus erythematosus
TMA = thrombotic microangiopathy
TTP = thrombotic thrombocytopenic purpura
UTI = urinary tract infection