

Systema urinarium - Urinary system

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A08.0.00.000	Systema urinarium	Urinary system
A08.1.01.001	REN; NEPHROS	KIDNEY
A08.1.01.002	Margo lateralis	Lateral border
A08.1.01.003	Margo medialis	Medial border
A08.1.01.004	Hilum renale	Hilum of kidney
A08.1.01.005	Sinus renalis	Renal sinus
A08.1.01.006	Facies anterior	Anterior surface
A08.1.01.007	Facies posterior	Posterior surface
A08.1.01.008	Extremitas superior; Polus superior	Superior pole; Superior extremity
A08.1.01.009	Extremitas inferior; Polus inferior	Inferior pole; Inferior extremity
A08.1.01.010	Fascia renalis	Renal fascia
A08.1.01.011	Corpus adiposum pararenale	Paranephric fat; Pararenal fat body
A08.1.01.012	Capsula adiposa	Perinephric fat; Perirenal fat capsule
A08.1.01.013	Capsula fibrosa	Fibrous capsule
A08.1.01.014	Lobi renales	Kidney lobes
* A08.1.01.015	Cortex renalis	Renal cortex
A08.1.01.016	Labyrinthus corticis	Cortical labyrinth
A08.1.01.017	Cortex corticis	Cortex corticis
A08.1.01.018	Radii medullares	Medullary rays
A08.1.01.019	Columnae renales	Renal columns
* A08.1.01.020	Medulla renalis	Renal medulla
A08.1.01.021	Zona externa	Outer zone
A08.1.01.022	Stria externa	Outer stripe
A08.1.01.023	Stria interna	Inner stripe
A08.1.01.024	Fasciculi vasculares	Vascular bundles
A08.1.01.025	Regio interfascicularis	Interbundle region
A08.1.01.026	Zona interna	Inner zone
A08.1.01.027	Papilla renalis	Renal papilla
A08.1.01.028	Crista renalis	Renal crest
A08.1.01.029	Pyramides renales	Renal pyramids
A08.1.01.030	Area cribrosa	Cribriform area
A08.1.01.031	Foramina papillaria	Openings of papillary ducts
A08.1.02.001	Segmenta renalia	Renal segments
A08.1.02.002	Segmentum superius	Superior segment
A08.1.02.003	Segmentum anterius superius	Anterior superior segment
A08.1.02.004	Segmentum anterius inferius	Anterior inferior segment
A08.1.02.005	Segmentum inferius	Inferior segment
A08.1.02.006	Segmentum posterius	Posterior segment
* A08.1.03.001	Arteriae intrarenales	Intrarenal arteries
A08.1.03.002	Aa. interlobares	Interlobar arteries
A08.1.03.003	Aa. arcuatae	Arcuate arteries
A08.1.03.004	Aa. corticales radiatae; Aa. interlobulares	Cortical radiate arteries; Interlobular arteries
A08.1.03.005	Arteriola glomerularis afferens	Afferent glomerular arteriole
A08.1.03.006	Arteriola glomerularis efferens	Efferent glomerular arteriole
A08.1.03.007	Aa. perforantes radiatae	Perforating radiate arteries
A08.1.03.008	Arteriolae rectae; Vasa recta	Vasa recta; Straight arterioles
A08.1.03.009	Rr. capsulares	Capsular branches
* A08.1.04.001	Venae intrarenales	Intrarenal veins
A08.1.04.002	Vv. interlobares	Interlobar veins
A08.1.04.003	Vv. arcuatae	Arcuate veins
A08.1.04.004	Vv. corticales radiatae; Vv. interlobulares	Cortical radiate veins; Interlobular veins
A08.1.04.005	Venulae rectae	Venulae rectae; Straight venules
A08.1.04.006	Vv. stellatae	Stellate veins

* A08.1.01.015 / A08.1.01.020 *Cortex/medulla renalis* The subdivisions of the renal cortex and the renal medulla follow the recommendations given by The Renal Commission of the International Union of Physiological Sciences (IUPS) 1988. "A Standard Nomenclature for Structures of the Kidney" *Am J Physiol* 254: F1-8, *Pflügers Arch* 411: 113-120, *Kidney Int* 33: 1-7 and *Anat Embryol (Berlin)* 178: N1-8.

* A08.1.03.001 / A08.1.04.001 *Arteriae/venae intrarenales* For further details regarding the nomenclature of renal blood vessels, see the publications mentioned above in A07.1.01.015.

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A08.1.05.001	Pelvis renalis	Renal pelvis
A08.1.05.002	Typus dendriticus	Branching type
A08.1.05.003	Calices renales majores	Major calices
A08.1.05.004	Calyx superior	Superior calyx
A08.1.05.005	Calyx medius	Middle calyx
A08.1.05.006	Calyx inferior	Inferior calyx
A08.1.05.007	Calices renales minores	Minor calices
A08.1.05.008	(Typus ampullaris)	(Ampullary type)
A08.1.05.009	Tunica adventitia	Adventitia
A08.1.05.010	Tunica muscularis	Muscular layer; Muscular coat
A08.1.05.011	Tunica mucosa	Mucosa; Mucous membrane
A08.2.01.001	URETER	URETER
A08.2.01.002	Pars abdominalis	Abdominal part
A08.2.01.003	Pars pelvica	Pelvic part
A08.2.01.004	Pars intramuralis	Intramural part
A08.2.01.005	Tunica adventitia	Adventitia
A08.2.01.006	Tunica muscularis	Muscular layer; Muscular coat
A08.2.01.007	Tunica mucosa	Mucosa; Mucous membrane
A08.3.01.001	VESICA URINARIA	URINARY BLADDER
A08.3.01.002	Apex vesicae	Apex of bladder
A08.3.01.003	Corpus vesicae	Body of bladder
A08.3.01.004	Fundus vesicae	Fundus of bladder
A08.3.01.005	Cervix vesicae; Collum vesicae	Neck of bladder
A08.3.01.006	Uvula vesicae	Uvula of bladder
A08.3.01.007	Lig. umbilicale medianum	Median umbilical ligament
A08.3.01.008	Tunica serosa	Serosa; Serous coat
A08.3.01.009	Tela subserosa	Subserosa; Subserous layer
A08.3.01.010	Tunica muscularis	Muscular layer; Muscular coat
A08.3.01.011	Mm. trigoni vesicae	Trigonal muscles
A08.3.01.012	M. trigoni vesicae superficialis	Superficial trigone
A08.3.01.013	M. trigoni vesicae profundus	Deep trigone
A08.3.01.014	M. detrusor vesicae	Detrusor
A08.3.01.015	Pars nonstratificata	Unstratified part
A08.3.01.016	Pars cervicis vesicae; Pars colli vesicae	Bladder neck part
A08.3.01.017	Stratum externum longitudinale	External longitudinal layer
A08.3.01.018	Stratum circulare	Circular layer
A08.3.01.019	Stratum internum longitudinale	Internal longitudinal layer
A08.3.01.020	M. pubovesicalis	Pubovesicalis
A04.5.03.017	M. rectovesicalis	Rectovesicalis
A08.3.01.021	M. vesicoprostaticus ♂	Vesicoprostaticus ♂
A08.3.01.021	M. vesicovaginalis ♀	Vesicovaginalis ♀
A08.3.01.022	Tela submucosa	Submucosa
A08.3.01.023	Tunica mucosa	Mucosa; Mucous membrane
A08.3.01.024	Trigonum vesicae	Trigone of bladder
A08.3.01.025	Plica interureterica	Interureteric crest
A08.3.01.026	Ostium ureteris	Ureteric orifice
• A08.3.01.027	Ostium urethrae internum	Internal urethral orifice
A08.4.01.001	Urethra feminina [vide paginam 67]	Female urethra [see page 67]
A08.5.01.001	Urethra masculina [vide paginam 70]	Male urethra [see page 70]

- **A08.3.01.027** *Ostium urethrae internum* This term describes the opening of the urethra from the bladder. However, superimposed lateral cystograms and voiding cystourethrograms show that the ostium in the bladder that is filling differs from the ostium in the bladder that is voiding. The bladder around the *ostium urethrae accipiens* usually forms a flat disc or baseplate, the *pars intramuralis urethrae* (bladder neck) is closed and the urethra is at its longest. With the onset of voiding the baseplate becomes progressively funnel-shaped and the bladder neck opens and becomes incorporated into the funnel so that the bladder appears to descend and the urethra to shorten. The *ostium urethrae internum* evacuates then lies some 20% closer to the *ostium urethrae externum* in the female, and at the *basis prostatae* in the male.