

A-Z Notes in Radiological Practice and Reporting

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MDCT and MRI in Genitourinary Imaging

 Springer

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Foreword to This Series

A-Z Notes in Radiological Practice and Reporting is a new series of practical guides dedicated to residents and general radiologists. The series was born thanks to the original idea to bring to the public attention a series of notes collected by doctors and fellows during their clinical activity and attendance at international academic institutions. Those brief notes were critically reviewed, sometimes integrated, cleaned up, and organized in the form of an A-Z glossary to be usable by a third reader.

The ease and speed of consultation and the agility in reading were behind the construction of this series and were the reasons why the booklets are organized alphabetically, primarily according to disease or condition. The number of illustrations has been deliberately reduced and focused only on those ones relevant to the specific entry.

Residents and general radiologists will find in these booklets numerous quick answers to frequent questions occurring during radiological practice, which will be useful in daily activity for planning exams and radiological reporting.

Each single entry typically includes a short description of pathological and clinical characteristics, guidance on selection of the most appropriate imaging technique, a schematic review of potential diagnostic clues, and useful tips and tricks.

The series will include the most relevant topics in radiology starting with cardiac imaging and continuing with the gastrointestinal tract, liver, pancreas and bile ducts, and genitourinary apparatus during the first 2 years. More arguments will be covered in the next issues.

The Editors put a lot of their efforts in selecting the most appropriate colleagues willing to exchange with readers their own experiences in their respective fields. The result is a combination of experienced professors, enthusiastic researchers, and young talented radiologists working together within a single framework project with the primary aim of making their knowledge available for residents and general practitioners.

We really do hope that this series can meet the satisfaction of the readers and can help them in their daily radiological practice.

Latina, Italy

Andrea Laghi
Carlo Nicola De Cecco

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Abbreviations

ACTH	Adreno cortico tropic hormone
APN	Acute pyelonephritis
BOLD	Blood oxygen level-dependant
BPH	Benign prostatic hyperplasia
CIN	Contrast-induced nephropathy
CNR	Contrast-to-noise ratio
CT	Computed tomography
DLP	Dose-length product
DNA	Deoxyribonucleic acid
DTPA	Diethylenetriaminepentaacetic acid
DW	Diffusion-weighted
FIGO	International federation of gynecology and obstetrics
Gd	Gadolinium
hCG	Human chorionic gonadotropin
HPC	Haemangiopericytoma
HPV	Human papilloma virus
HU	Hounsfield unit
IVC	Inferior vena cava
IVP	Intravenous pyelogram
JCT	Juxtaglomerular cell tumor
MR	Magnetic resonance

MRI	Magnetic resonance images
OGCNs	Ovarian germ cell tumors
PFTC	Primary fallopian tube carcinoma
PID	Pelvic inflammatory disease
RCC	Renal cell carcinoma
RT	Radiotherapy
SCr	Serum creatinine
T1W	T1-weighted
T2W	T2-weighted
TCC	Transition cell carcinoma
UE	Ureteral ectopia
US	Ultrasound
UTO	Urinary tract obstruction
VHL	Von Hippel-Lindau
VUR	Vesicoureteral reflux