

CASE FOR DIAGNOSIS

European Diploma in Radiology (EDiR) clinical cases

Casos prácticos del Diploma Europeo en Radiología (EDiR)

Editorial Board of Radiology



Clinically Oriented Reasoning Evaluation (CORE) Case

- 77-year-old woman presented with acute left flank pain, haematuria, fever and leucocytosis since 48 h.
- Ultrasound is performed.
- o Images of the first video correspond to the RIGHT KIDNEY
- o Images of the second video correspond to the LEFT KIDNEY

Video 1. US-RIGHT KIDNEY.mp4

Video 2. US-LEFT KIDNEY.mp4

Question 1: (Free-text question – No answer options provided)

Describe the most relevant findings.

Question 2: Which of the following investigations will provide most useful additional information?

(Only one option is correct)

- Renal scintigraphy
- Non-contrast CT
- Contrast-CT
- CT-Urography

Question 3: (Free-text question – No answer options provided)

CT is performed:

Video 3 - CT 1.mp4

Video 4 - CT 2.mp4

Video 5 - CT 3.mp4

Video 6 - CT 4.mp4

Describe the most relevant findings.

Question 4:

Which is your diagnosis?

(Only one option is correct)

- Acute renal colic
- Acute pyelonephritis
- Chronic pyelonephritis
- Acute renal infarction

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Conflict of interest

The authors declare that they have no conflict of interest.

Appendix A. Supplementary data

Supplementary material related to this article can be found, in the online version, at doi:<https://doi.org/10.1016/j.rx.2024.03.005>.