## Supplementary 5.1. Alternative findings on CECT (n = 85)

| System | RCR Classification | Radiological Finding | System | RCR Classification | Radiological Finding |
|---|---|---|---|---|---|
| **Reno-adrenal** | Major | Renal mass: Suspicious of RCC | **Peritoneal** | Major | Acute diverticulitis |
| | Major | Ureteric lesion | | Major | Acute diverticulitis |
| | Major | Prostatomegaly with prominent iliac nodes and pulmonary nodule | | Major | Acute appendicitis |
| | Major | Adrenal mass: Indeterminant | | Major | Thickening of ascending colon and adenopahy |
| | Moderate | Prostatitis, cystitis, epididymitis | | Major | Esophageal thickening with lymphadenopathy |
| | Moderate | Prostatitis, cystitis, epididymitis | | Moderate | Prominent ileocolic nodes |
| | Moderate | Pyelonephritis | | Moderate | Colitis |
| | Moderate | Pyelonephritis | | Moderate | Colitis |
| | Moderate | Pyelonephritis | | Moderate | Colitis |
| | Moderate | Pyelonephritis | | Moderate | Colitis |
| | Moderate | Pyelonephritis | | Moderate | Inguinal stranding with hernia |
| | Moderate | Pyelonephritis | | Minor | Epiploic appendagitis |
| | Moderate | Pyelonephritis | | Minor | Mesenteric panniculitis |
| | Moderate | Pyelonephritis | **Musculoskeletal** | Major | Acute vertebral fracture |
| | Moderate | Pyelonephritis | | Major | Sclerotic lesion in vertebral body |
| | Moderate | Pyelonephritis | | Major | Sclerotic lesion in femur |
| | Moderate | Renal abscess | | Minor | Erosive sacroiliitis |
| | Moderate | Pyelitis | | Minor | Fibrous dysplasia of ilium |
| | Moderate | PUJ obstruction | | Minor | Old T11 compression fracture |
| | Moderate | PUJ obstruction | **Hepatobiliary** | Major | Acute cholecystitis |
| | Moderate | Bilateral adrenal nodules | | Major | Acute cholecystitis |
| | Moderate | Adrenal nodule | | Moderate | Acute pancreatitis |
| | Moderate | Adrenal nodule | | Moderate | Acute pancreatitis |
| | Moderate | Complex renal cyst | | Moderate | Pancreatic duct dilatation |
| | Moderate | Complex renal cyst | | Moderate | Liver lesion: Indeterminant |
| | Moderate | Complex renal cyst | | Moderate | Liver lesion: Indeterminant |
| | Moderate | Bilateral adrenal nodules | | Moderate | Gallbladder polyp |
| | Moderate | Hydrocoele | | Minor | Hepatic steatosis |
| | Moderate | Adrenal haemorrhage | | Minor | Cholelithiasis |
| | Moderate | Ureteritis, cystitis | | Minor | Cholelithiasis |
| | Moderate | Hydronephrosis | | Minor | Pancreatic cyst |
| | Minor | Bilateral myelolipomas | **Reticuloendothelial** | Major | Splenic infarcts |

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|---|---|---|---|---|---|
| | Minor | Cystitis | | Major | Para-aortic lymphadenopathy |
| | Minor | Cystitis | | Major | Mesenteric adenopathy |
| **Gynaecologic** | Major | Bilateral hydrosalpinx-> Later endometriosis confirmed | | Major | Iliac fossa adenopathy |
| | Major | Adnexal cyst: Complex | | Major | Splenomegaly + upper abdominal lymphadenopathy |
| | Major | Adnexal cyst: Large | | Moderate | Splenic lesion: Indeterminant |
| | Major | Adnexal cyst: Complex + free fluid | | Moderate | Splenomegaly |
| | Minor | Corpus luteal cyst | | Moderate | Splenomegaly |
| | Minor | Corpus luteal cyst | **Other** | Minor | Calcified SMA aneurysm |
| | Minor | Uterine fibroid | | | |
| | Minor | Adnexal cyst: Simple | | | |
| | Minor | Adnexal cyst: Unspecified | | | |
| | Minor | Bartholin's cyst | | | |

## Supplementary 5.2 Alternative findings on NECT (n = 48)

| System | RCR Classification | Radiological Finding | System | RCR Classification | Radiological Finding |
|---|---|---|---|---|---|
| **Reno-adrenal** | Major | Pelvicalyceal obstruction | **Peritoneal** | Major | Pre-sacral mass |
| | Major | Bladder mass | | Major | Appendicitis |
| | Major | Ureteric mass | | Major | Appendicitis |
| | Moderate | Pyelonephritis | | Major | Appendicitis |
| | Moderate | Pyelonephritis | | Minor | Faecal loading |
| | Moderate | Pyelonephritis | | Minor | Diverticula |
| | Moderate | Pyelonephritis | | Minor | Diverticula |
| | Moderate | Pyelonephritis | **Musculoskeletal** | Major | Acute T12 fracture |
| | Moderate | Pyelonephritis | | Moderate | Erosive sacroilitis |
| | Moderate | PUJ obstruction | | Minor | Degenerative spine |
| | Minor | Renal cyst: Simple | | Minor | Spondylolisthesis |
| | Minor | Renal cyst: Simple | | Minor | Degenerative spine |
| | Minor | Renal cyst: Simple | **Hepatobiliary** | Moderate | Hepatic nodularity |
| | Minor | Renal cyst: Simple | | Minor | Hepatic steatosis |
| | Minor | Renal cyst: Simple | | Minor | Hepatic steatosis |
| | Minor | Renal cyst: Simple | | Minor | Cholelithiasis |
| | Minor | Renal cyst: Simple | **Reticuloendothelial** | Major | Spiculated pulmonary nodule 7mm |
| | Minor | Renal cyst: Simple | | Major | Ovarian vein thrombosis |
| | Minor | Renal cyst: Simple | | Moderate | Splenomegaly |
| | Minor | Renal cyst: Simple | | Moderate | Splenomegaly |
| **Gynaecologic** | Major | Haemorrhagic ovarian cyst | | Minor | Localised lymphadenopathy |
| | Major | Adnexal cyst (complex) | | | |
| | Major | Adnexal cyst 6.7 cm | | | |
| | Minor | Adnexal cyst (simple) | | | |

| | | |
|---|---|---|
| | Minor | Adnexal cyst 2.5 cm |
| | Minor | Adnexal cyst 4 cm |
| | Minor | Adnexal cyst 3.7cm |
| | Minor | Pelvic calcification |