Additional file 1: **Table S1**. Scores for each of the criteria. Significance of differences between phases tested with mixed-effects ordinal logistic regression, with pairwise comparisons using Bonferroni correction.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | **Scores** |  | **Significance tests (p value) phase comparisons** |
| **Criterion** | **Phase** | **1** | **2** | **3** | **4** | **5** | **Total** | **overall** | **1 vs. 2** | **1 vs. 3** | **2 vs. 3** |
| C1 Renal parenchyma | 1. Native | 1 | 5 | 21 | 14 | 79 | 120 | <0.001 | <0.001 | <0.001 | <0.001 |
| 2. Nephrographic | 94 | 22 | 1 | 2 | 1 | 120 |
| 3. Excretory | 2 | 30 | 18 | 33 | 37 | 120 |
|  |
| C2 Renal pelvis/calyxes | 1. Native | 40 | 32 | 14 | 21 | 13 | 120 | <0.001 | <0.001 | <0.001 | <0.001 |
| 2. Nephrographic | 87 | 22 | 8 | 3 | 0 | 120 |
| 3. Excretory | 109 | 10 | 1 | 0 | 0 | 120 |
|  |
| C3 Proximal ureters | 1. Native | 47 | 48 | 8 | 11 | 6 | 120 | <0.001 | <0.001 | <0.001 | <0.05(0.034) |
| 2. Nephrographic | 102 | 18 | 0 | 0 | 0 | 120 |
| 3. Excretory | 114 | 6 | 0 | 0 | 0 | 120 |
|  |
| C4 Renal arteries | 1. Native | 3 | 28 | 40 | 29 | 20 | 120 | <0.001 | <0.001 | <0.001 | <0.001 |
| 2. Nephrographic | 72 | 40 | 7 | 0 | 0 | 120 |
| 3. Excretory | 12 | 54 | 20 | 25 | 8 | 120 |
|  |
| C5 Renal pathology | 1. Native | 35 | 42 | 2 | 7 | 34 | 120 | n.s. | n.s(1.000) | n.s (1.000) | n.s.(1.000) |
| 2. Nephrographic | 47 | 22 | 4 | 5 | 42 | 120 |
| 3. Excretory | 47 | 22 | 0 | 12 | 39 | 120 |
|  |
| C6 Other abdominal pathology | 1. Native | 26 | 41 | 3 | 15 | 35 | 120 | n.s. | n.s.(0.512) | n.s (1.000) | n.s. (0.974) |
| 2. Nephrographic | 29 | 24 | 5 | 17 | 45 | 120 |
| 3. Excretory | 27 | 36 | 1 | 17 | 39 | 120 |
|  |
| C7 Incidental pathology | 1. Native | 8 | 30 | 6 | 7 | 69 | 120 | n.s. | n.s.(0.892) | n.s (0.802) | n.s. (0.111) |
| 2. Nephrographic | 22 | 17 | 0 | 7 | 74 | 120 |
| 3. Excretory | 9 | 26 | 0 | 6 | 79 | 120 |
|  |  |  |  |  |  |  |  |  |  |  |  |