

U04 Urinary Sediment

		Picture 1	Picture 2	Picture 3	Picture 4	Picture 5
10	Erythrocytes normal	0	17	0	0	0
11	Dysmorphic Erythrocytes	0	3	0	0	0
12	Acanthocytes	1	1	0	0	0
20	Leucocytes	4	378*	0	0	0
30	Squamous Epithelia	2	0	1	1	243*
31	Epithelia (other than squamous-)	1*	0	0	0	60
32	Caudate Epithelia	1	0	0	0	3
33	Round Epithelia	356*	0	0	14	1
34	Transitional Epithelia	25*	0	0	1	19
35	Renal Tubular Epithelial Cells	8	0	0	1	2
36	Decoy Cells	0	0	0	0	0
40	Spermatozoa	0	0	0	1	0
50	Hyaline Casts	0	0	294*	0	38
51	Granular Casts	0	0	74*	0	3
52	Waxy Casts	0	0	6	0	0
53	Erythrocyte Casts	0	0	2	0	0
54	Leucocyte Casts	1	0	2	0	9
55	Epithelia Cast	0	0	0	1	17
56	Pseudocasts	0	0	13*	0	2
60	Bacteria	0	0	0	341*	0
61	Yeast/Fungi	0	0	0	2	0
62	Trichomonas	0	0	0	0	0
70	Crystals and Salts	0	0	0	2	0
80	Hair	0	0	0	2	0
81	Mucus	0	0	6	1	1
82	Impurity	0	0	0	24	0
83	air bubble	0	0	0	0	0
57	Lipids	0	0	0	0	0
99	Unknown	0	0	0	8	0

Commentary

The hyaline cast in image 3 contained few granules and did not have a clear boundary at the lower end. We therefore also rated "granulated" and "pseudocast" as correct. Image 5 shows a rolled-up squamous epithelium. The cell nucleus is clearly visible. For comparison, there is a typical squamous epithelium immediately above it and a hyaline cylinder in figure 3.