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An Unexpected Urine Swimmer

Case Presentation

A 60-year-old lady was regularly followed up by her primary care provider for diabetes mellitus and hypertension. During one of her visits, her urine full and microscopic examination (UFEME) was positive for blood (3+), leukocytes (3+), and bacteria (1+). In addition, her urine microscopy also revealed the finding as shown in Figure 1. She denied any genitourinary symptoms or fever, and her urine culture showed mixed growth of more than three types of organisms with colony count more than 10^5 CFU/ml, which was suggestive of contamination.

Based on the light microscopy image below, what is the most likely diagnosis?



Figure 1 Direct wet mount microscopy of the urine sample