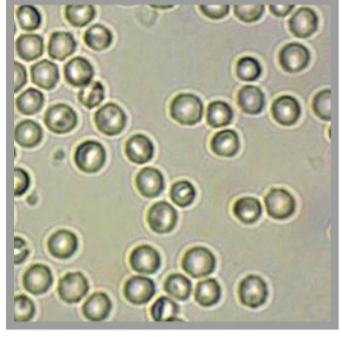
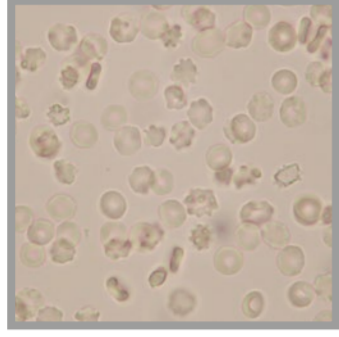


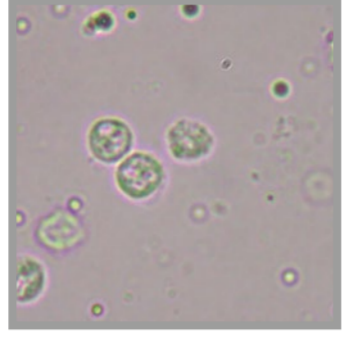
# HARNSEDIMENT



Erythrozyten



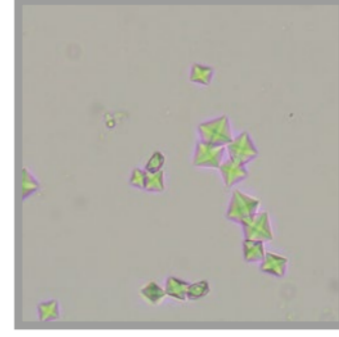
Erythrozyten –  
Stechapfelform



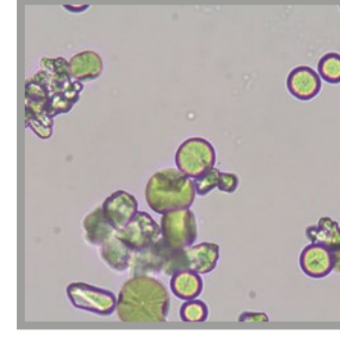
Leukozyten



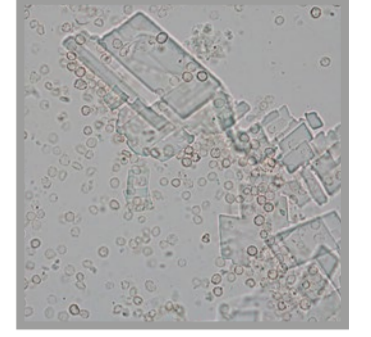
Utensilien für die Harnuntersuchung



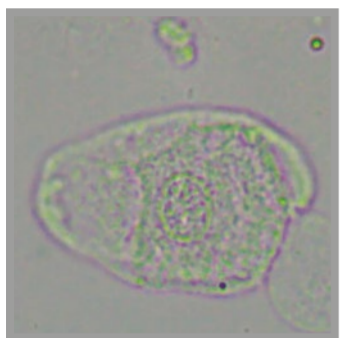
Calciumoxalate



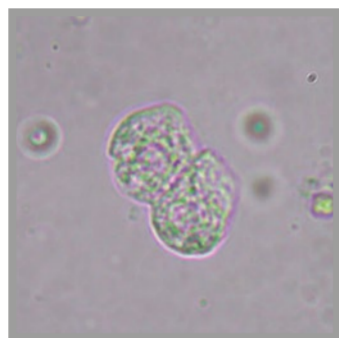
Calciumcarbonate



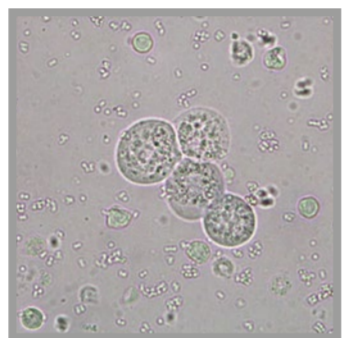
Cholesterinkristalle



Plattenepithel



Übergangsepithelien



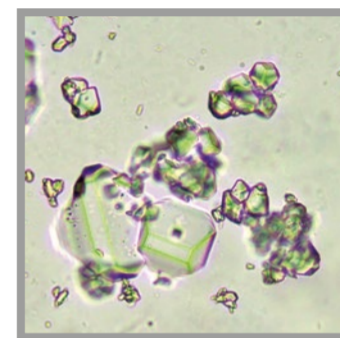
Epithelien, Leukozyten  
und Bakterien



Vorsichtiges Schwenken der  
Harnprobe bei Raumtemperatur  
bis der Bodensatz komplett  
gelöst ist.



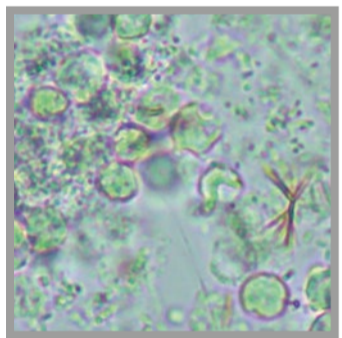
Struvitkristalle



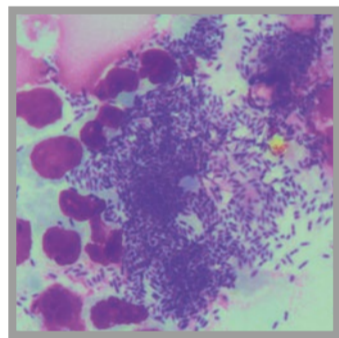
Struvitkristalle in  
Auflösung



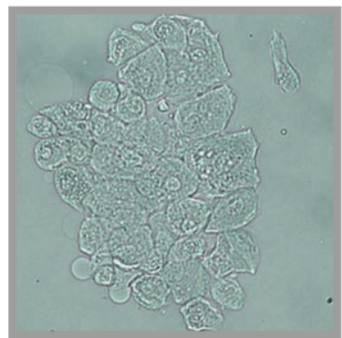
Ammoniumurate



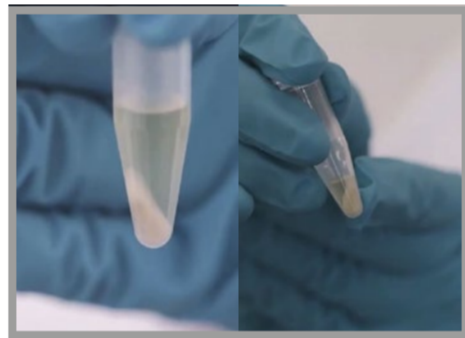
Leukozyten, Bakterien  
und Bilirubinkristalle –  
ungefärbt



Leukozyten, Bakterien  
und Bilirubinkristalle –  
gefärbt



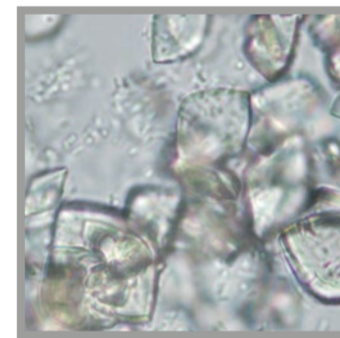
Epithelien in Verbänden  
– ungefärbt



Dekantieren des Sediments  
nach Zentrifugation der Harnprobe  
bei 400 g für 5 Minuten.



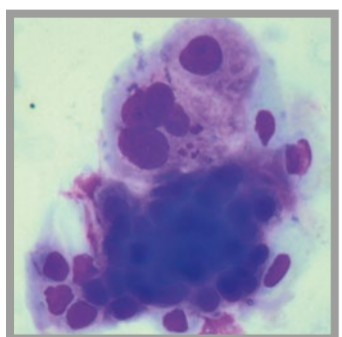
Bilirubinkristalle



Harnsäurekristalle



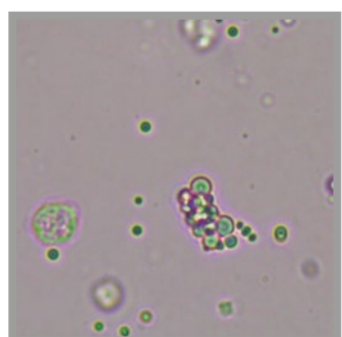
Cystinkristalle



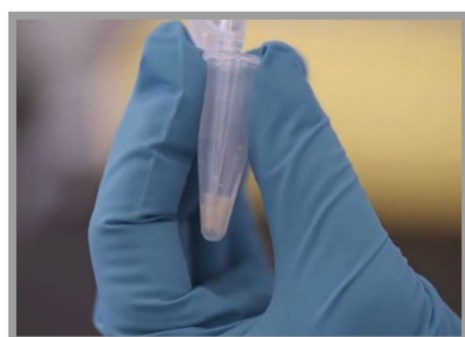
Epithelien in Verbänden  
– gefärbt:  
Blasenkarzinom



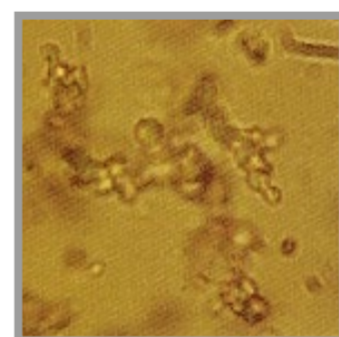
Granulierter Zylinder



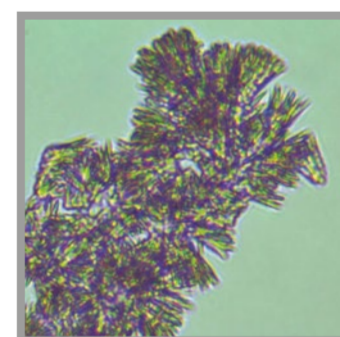
Leukozyt und  
Fetttröpfchen



Vorsichtiges Resuspendieren  
des Sediments & Auftragen von  
ca. 25 µl des Sediments auf einen  
beschrifteten Objektträger.



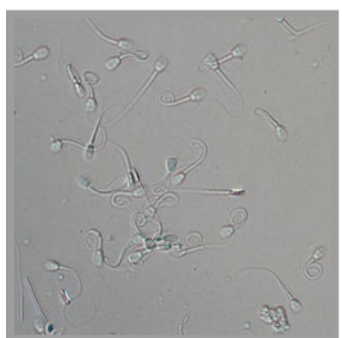
Xanthinkristalle



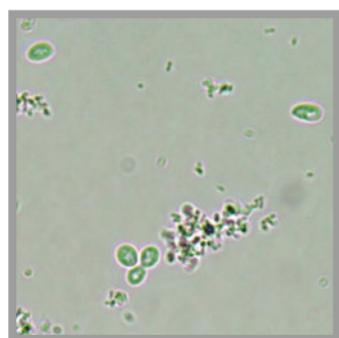
Nadelförmige Kristalle –  
oft medikamenteninduziert



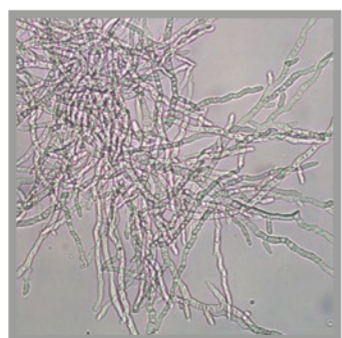
Wurmei (Capillaria plica)  
Harnblasenhaarwurmei



Spermien



Hefen und Bakterien



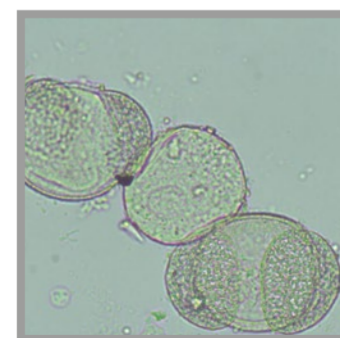
Pilzhyphen



Mikroskopieren nach definiertem  
Schema bei 100-, 200-,  
und 400-facher Vergrößerung.



Stärkeköerner



Pollenköerner



Faser

Stand: Februar 2022, Bildquelle: Laboklin

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