

*maladies  
des pigeons*



מחלות יונים

# יונים בהסטוריה







ד. ברסחל

קולומבריום (שובך יונים) במצרים

גזעים, גידול

































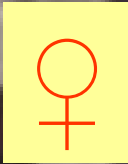




Figure 353

#### PIGEON "MILK"

Enlarged view (x4) of the inside crop wall at the time pigeon "milk" (white) is being produced. Note the pocketed and corrugated thickening of the wall.







# PIGEON POX





**Fig. 3.2.** Pigeon pox in the eye and beak. The eye must be kept open to prevent eye destruction.

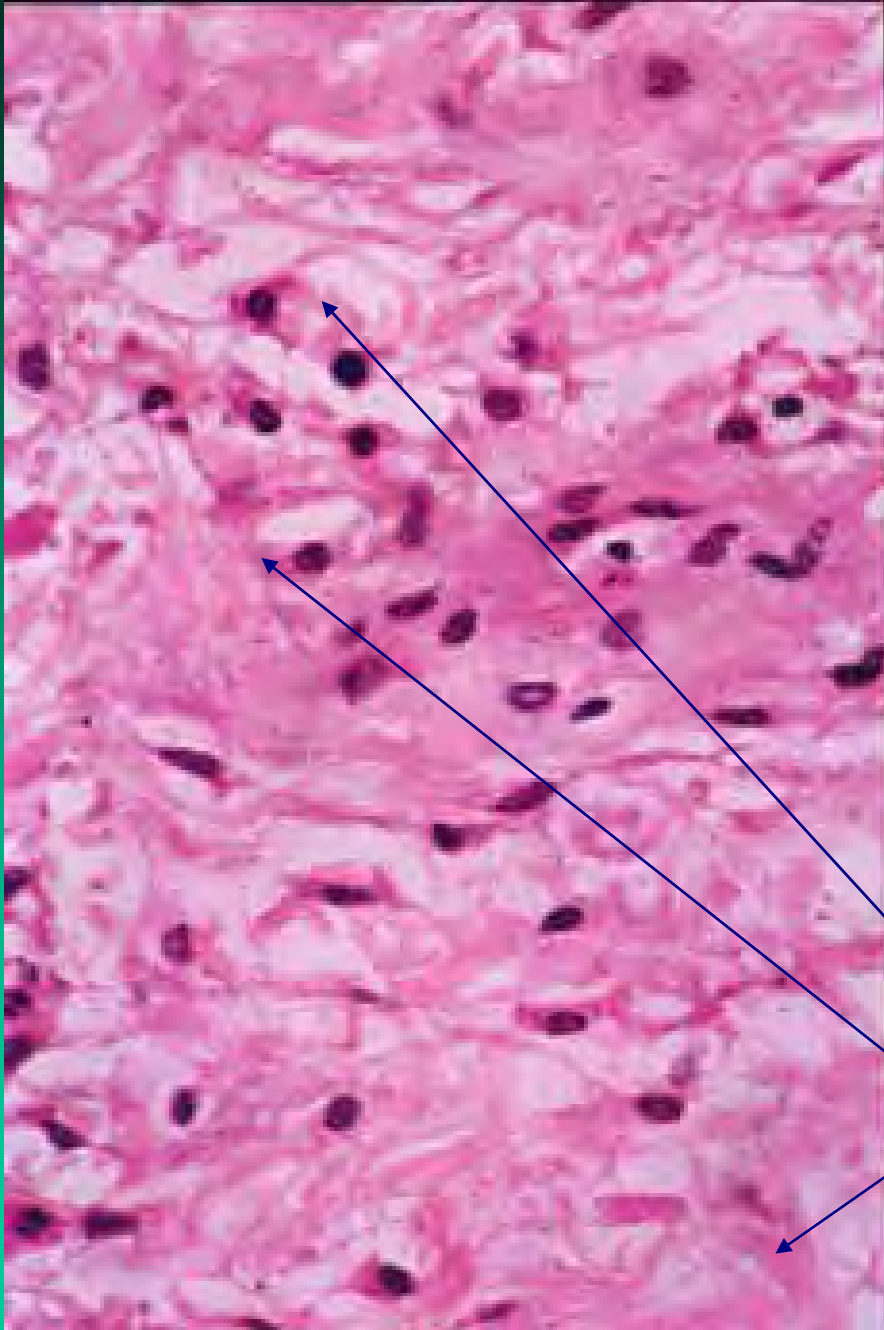


**Fig. 3.1.** Pigeon pox in the eye, transmitted by mosquitoes.



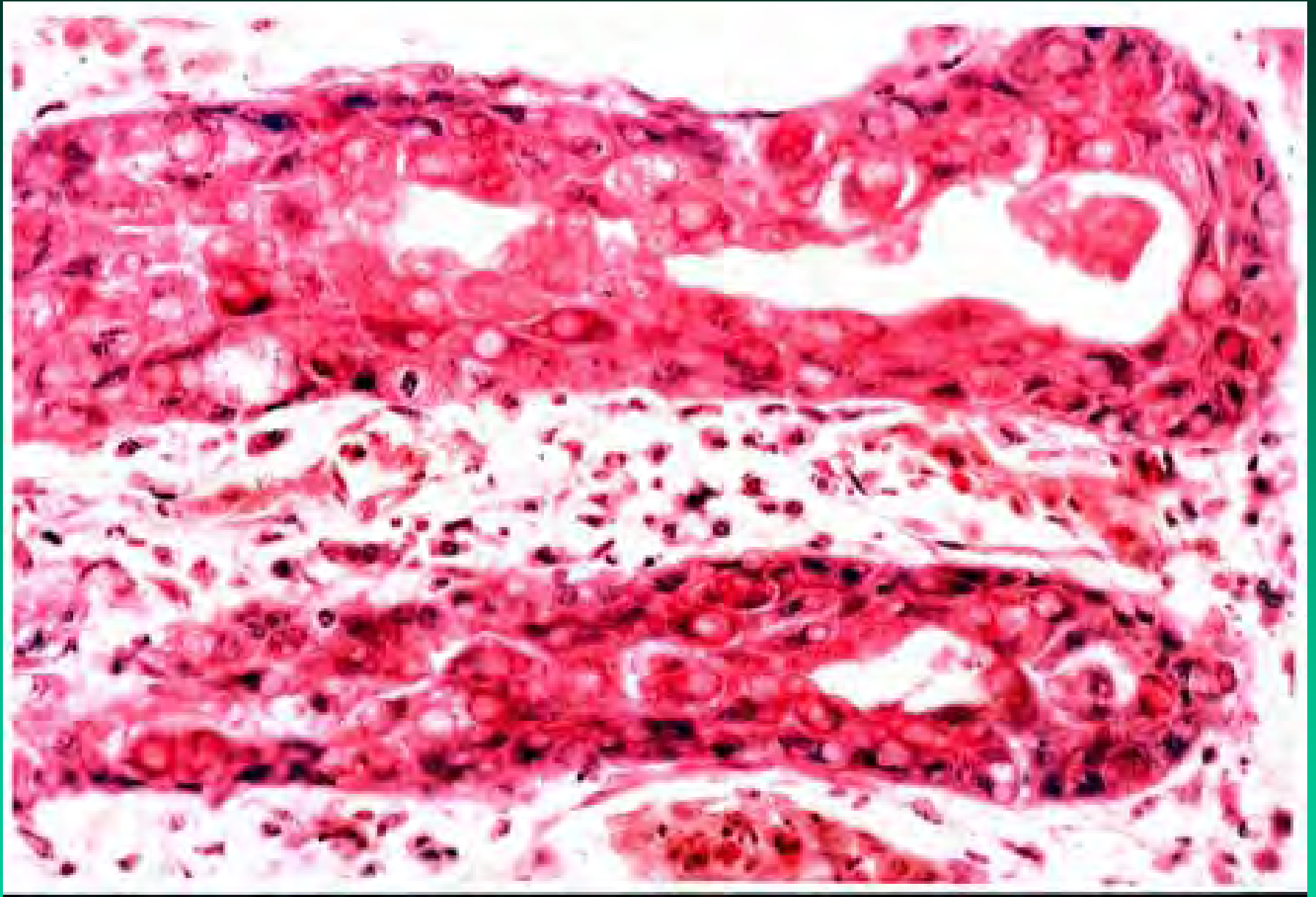






**BOLLINGER BODIES**





# West Nile Virus

# Pigeon serology **WNV**

	2001	2002
No. samples	1464	1953
No. positives	439	270
% positives	30	13.8

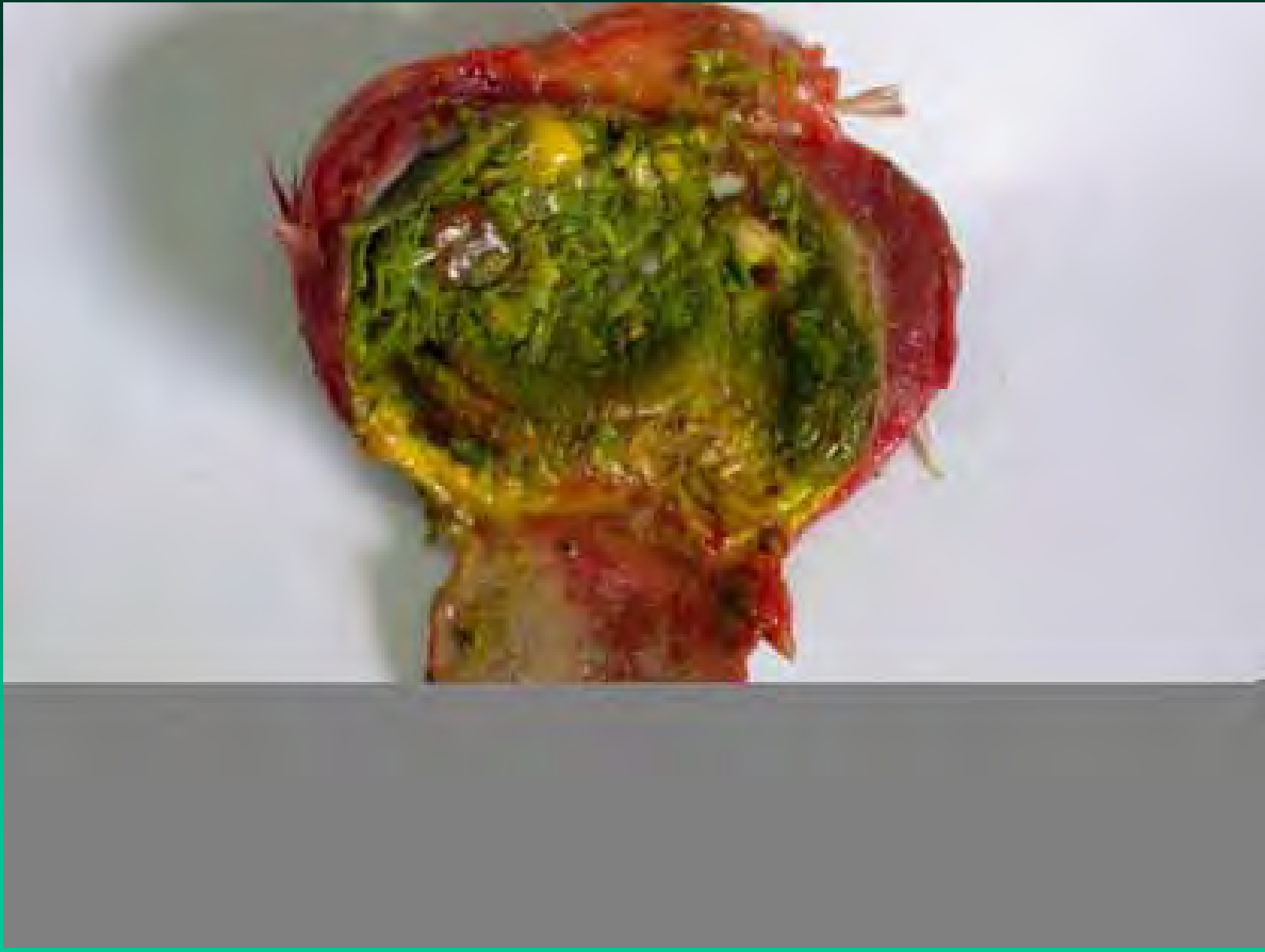
**PMV1 – NEWCASTLE**

**PPMV1 – PIGEON  
NEWCASTLE**









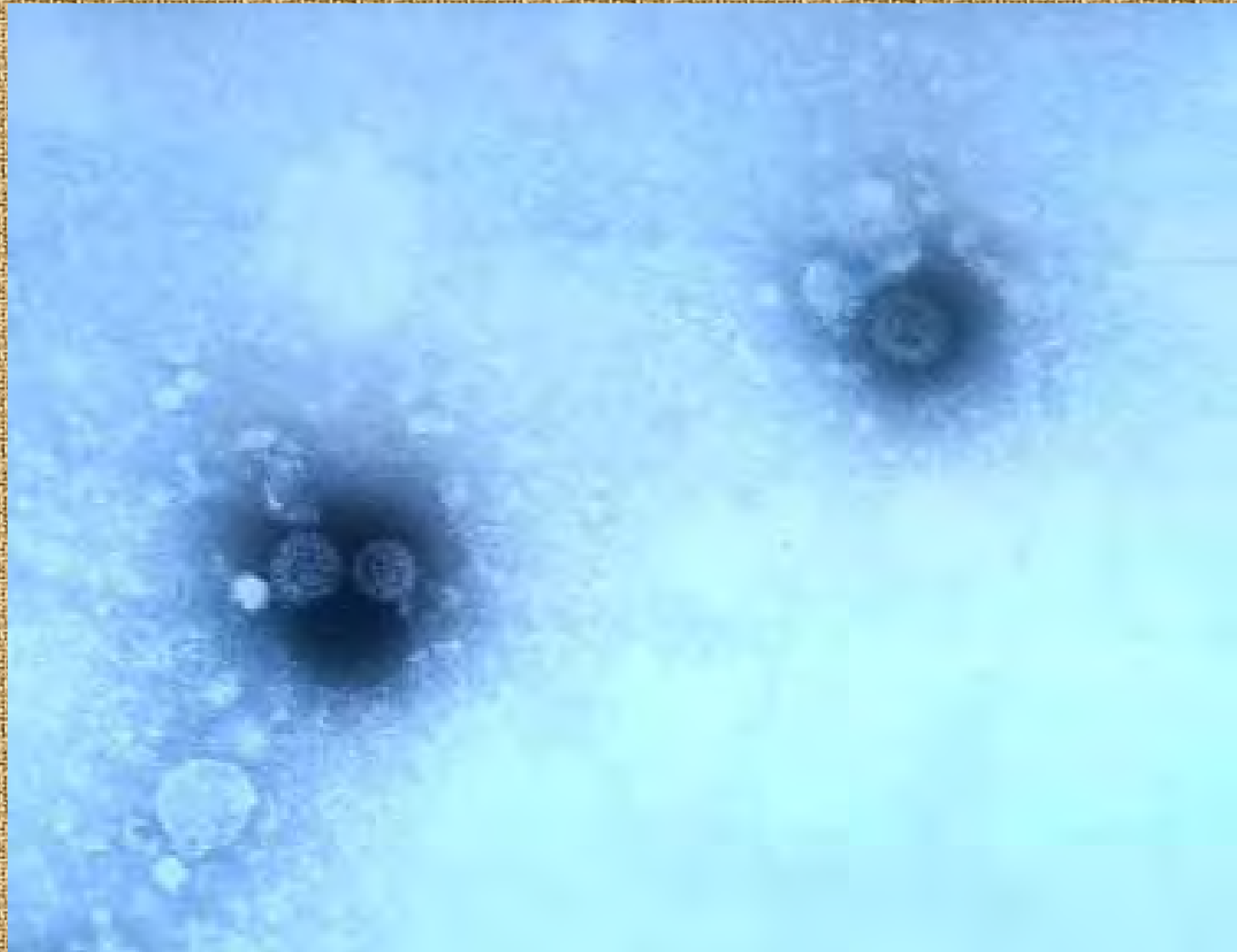




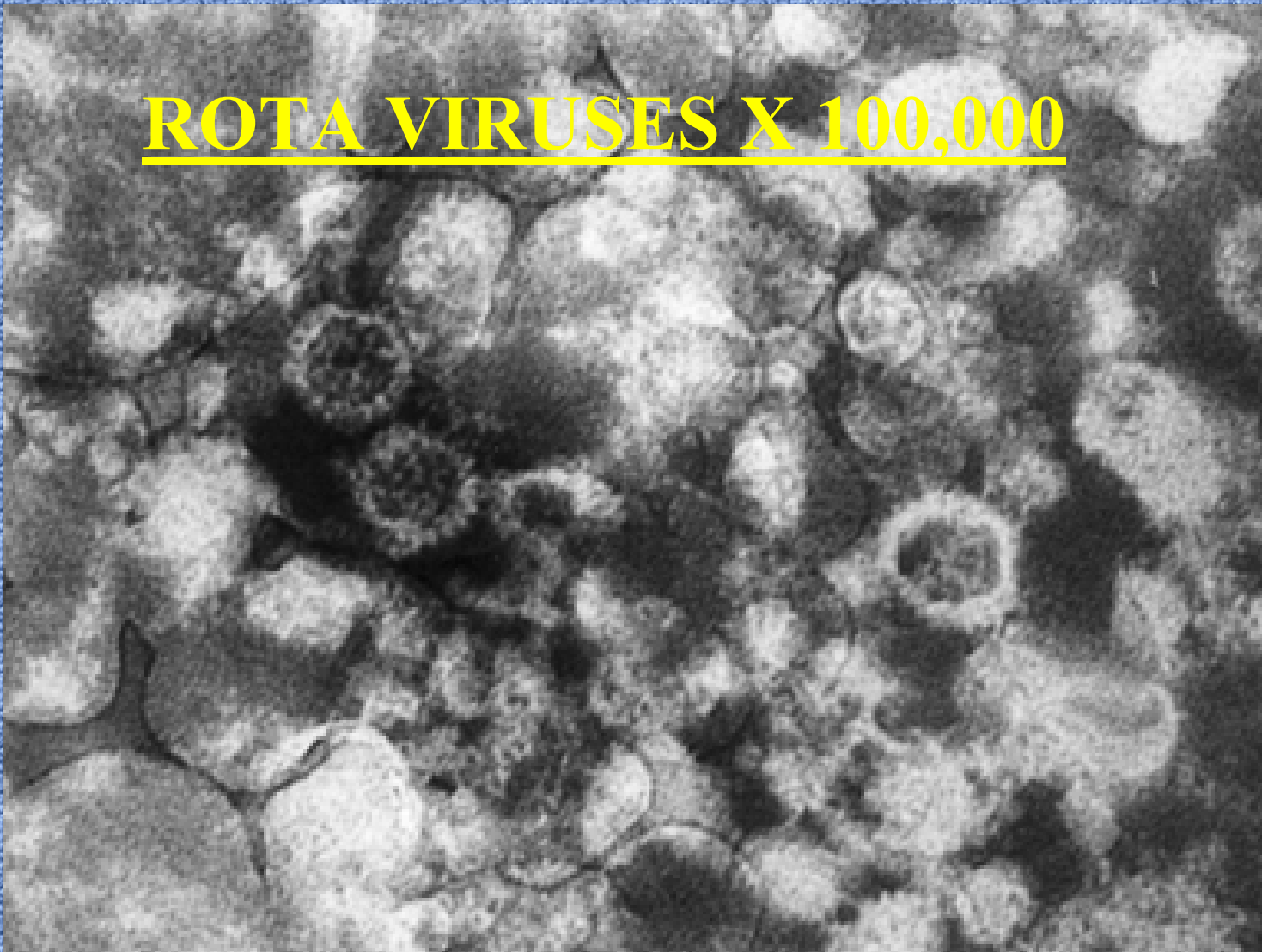




# Rotavirus



**ROTA VIRUSES X 100,000**





# Herpesvirus





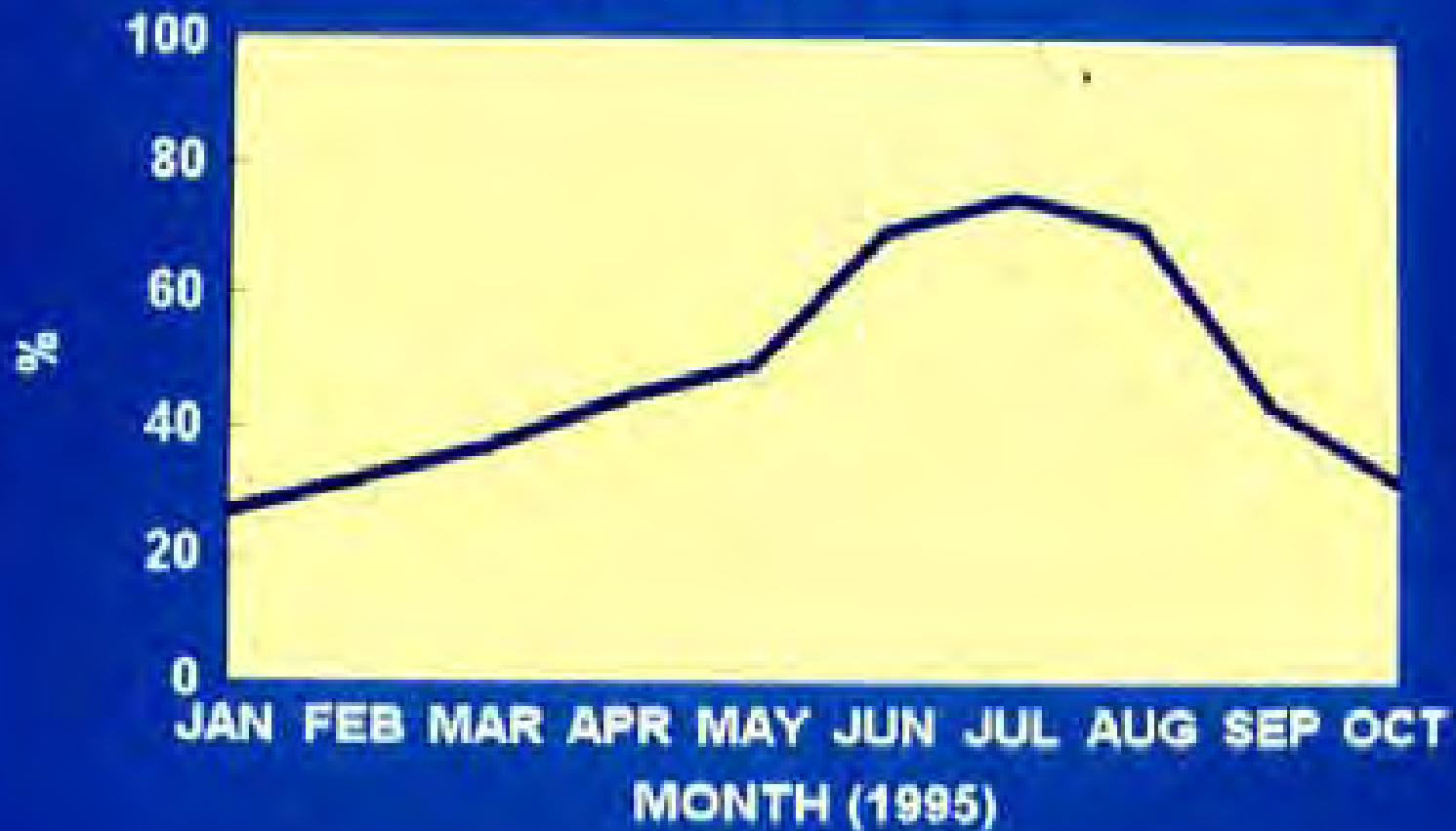


# Psittacosis



# % CHL-POSITIVE ADULT PIGEONS

(MOVING MEANS)



# % CHL-POSITIVE PIGEONS \*

(MOVING MEANS)



\* ADULTS & SQUABS

**AVERAGE SEASONALY PERCENTAGES OF CHLAMYDIA SCORES  
(DIF-TESTS OF CLOACAL SWABS)**



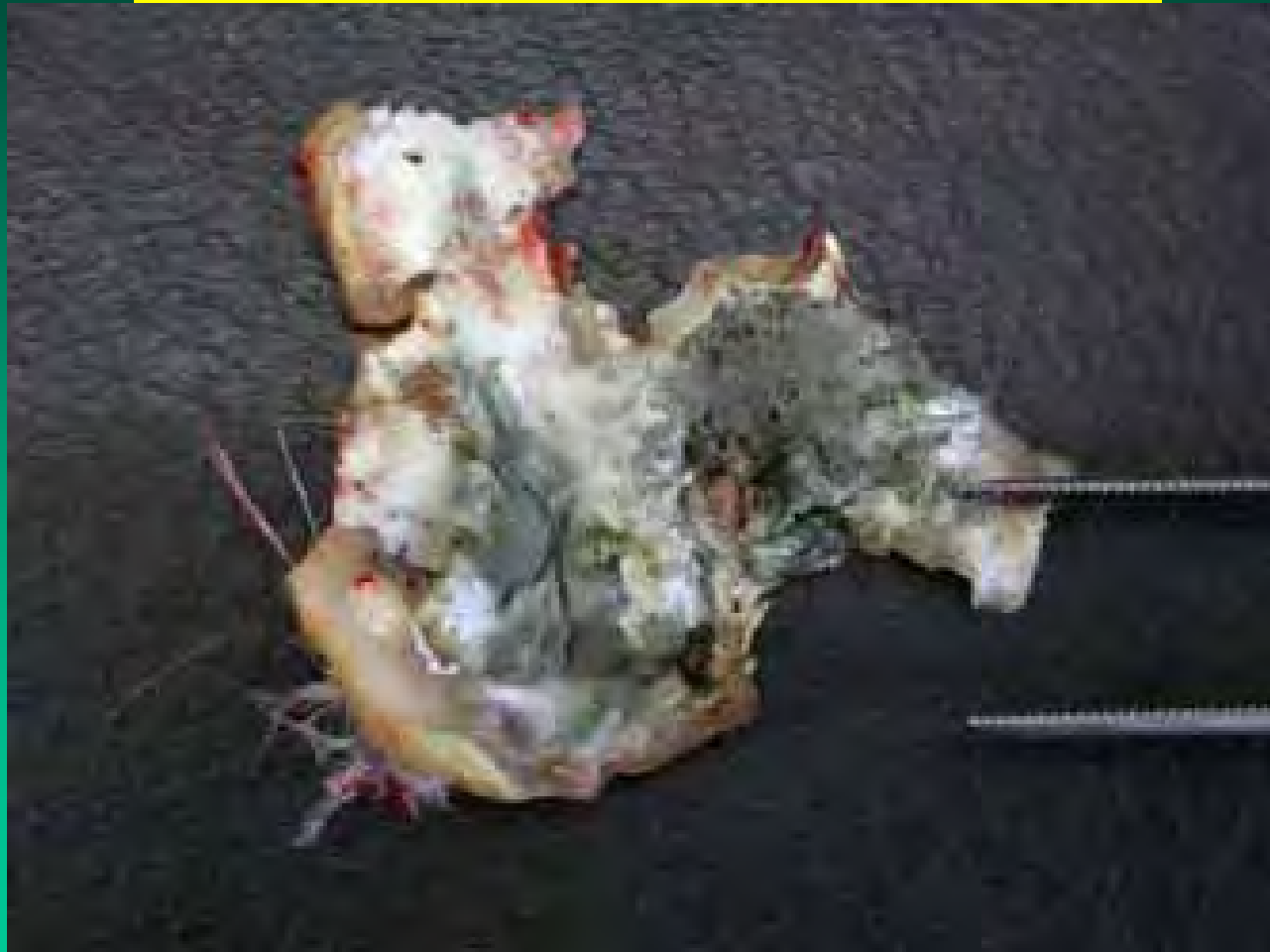
**DUNCAN'S MULTIPLE-RANGE-TEST BETWEEN-SEASONS**

	AUTUMN	WINTER	SPRING	SUMMER
AUTUMN				
WINTER	NS			
SPRING	P<.01	P<.05		
SUMMER	P<.01	P<.05	NS	

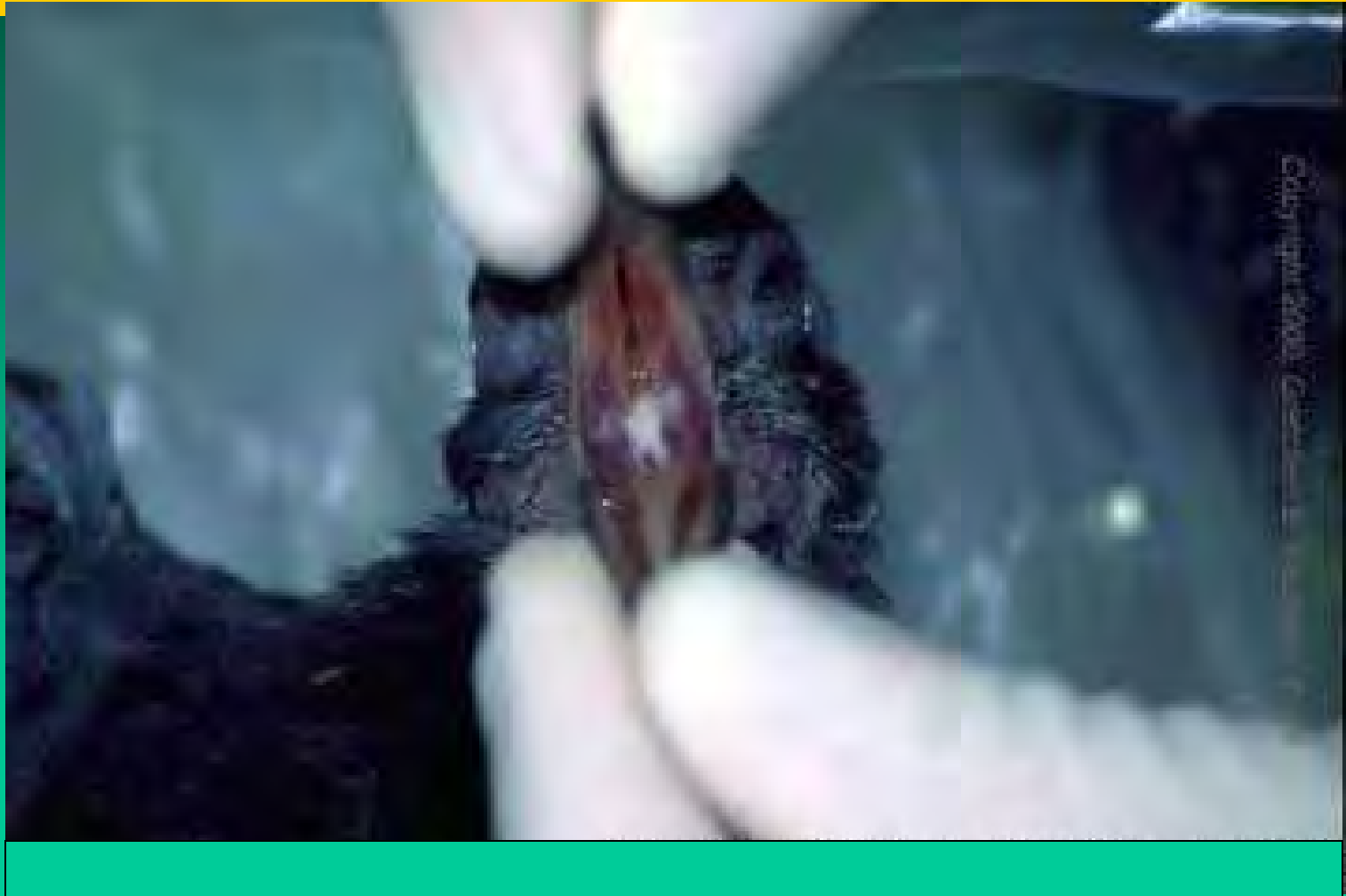
# Fungi



אספרגילוס פומיגטוס מזהם ביצה של יונה



# Oral Candida





## גוזלי יונים – פטרת עורית

נמק בעור הכנפיים  
פגיעה בניצוי הכנף  
מחלה כללית  
קשיי תעופה



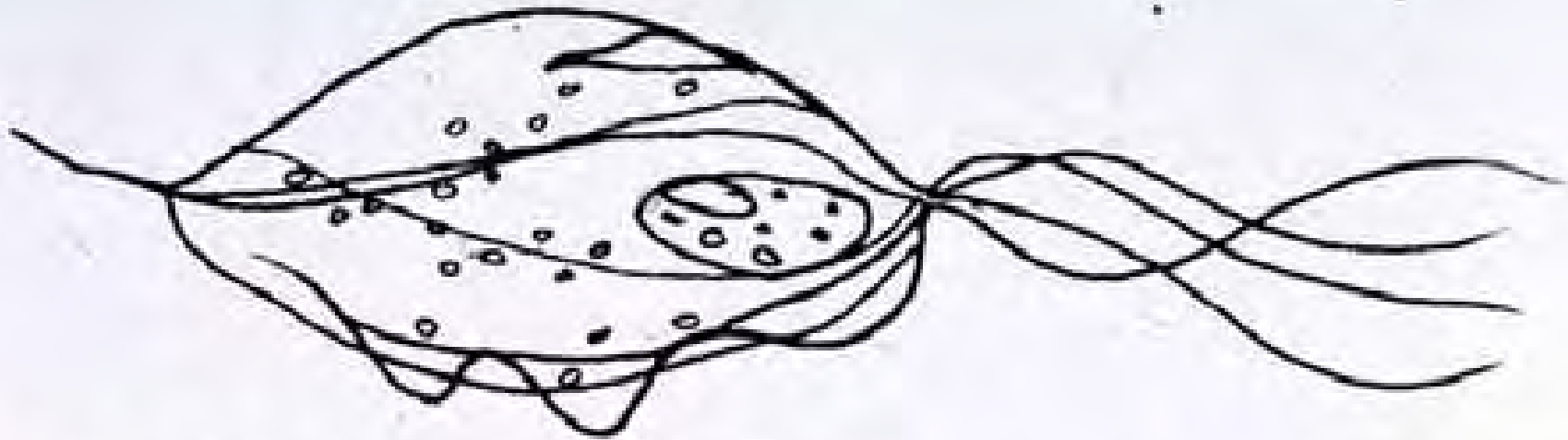
# Trichomonas











**Fig. 9.7.** *Trichomonas gallinae*. This is perhaps the most common pigeon parasite.











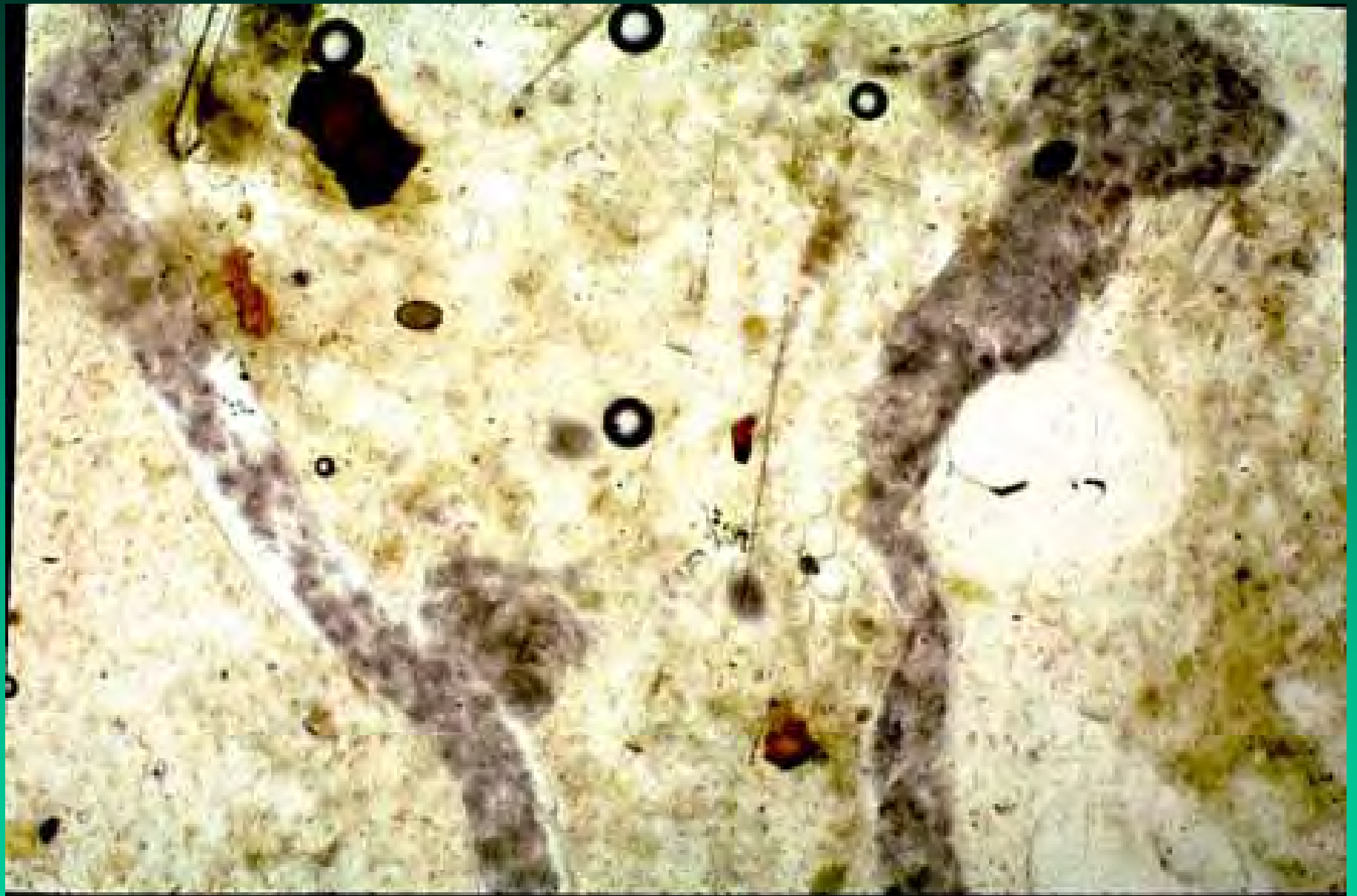
# Internal Parasites





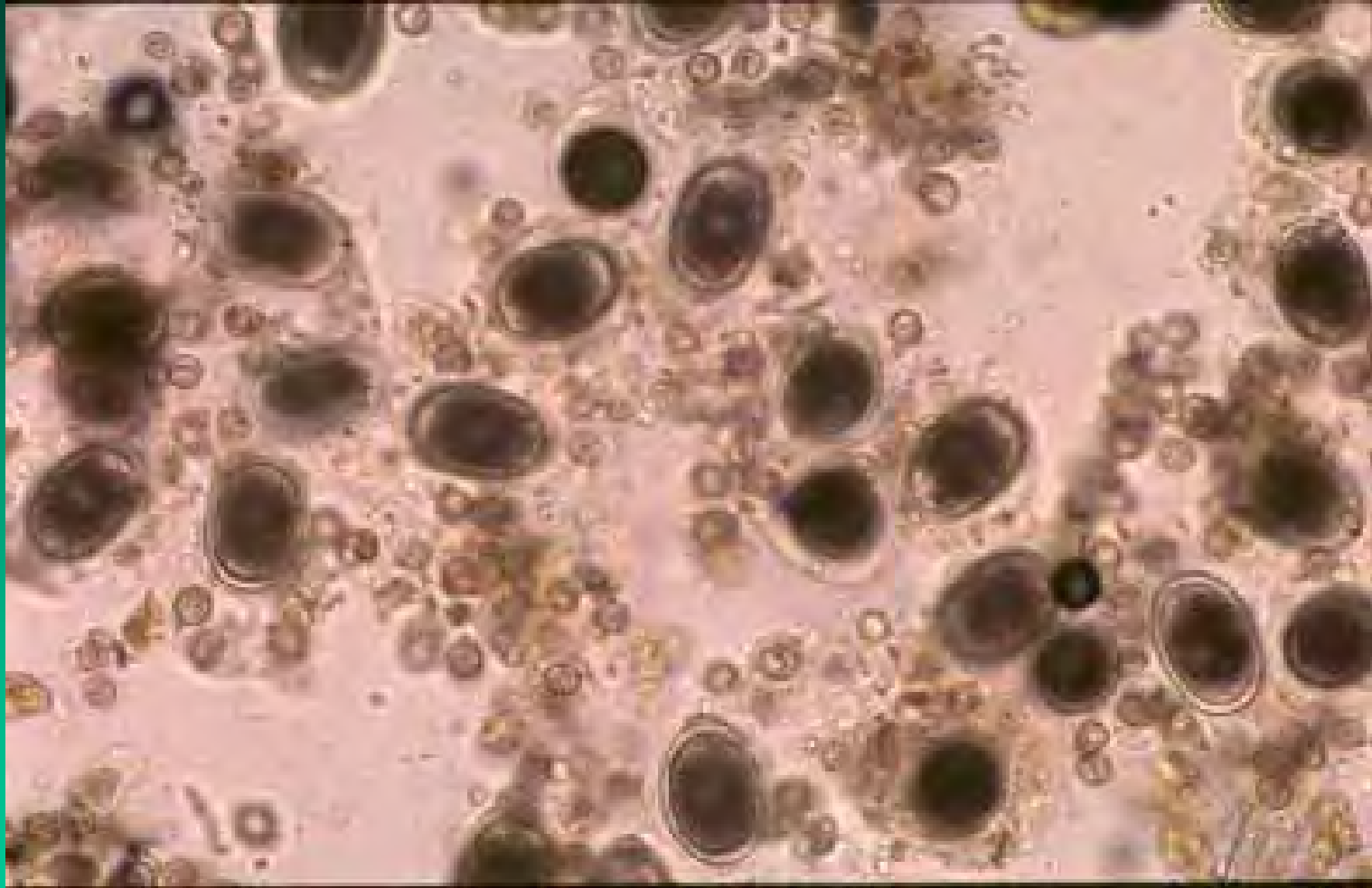




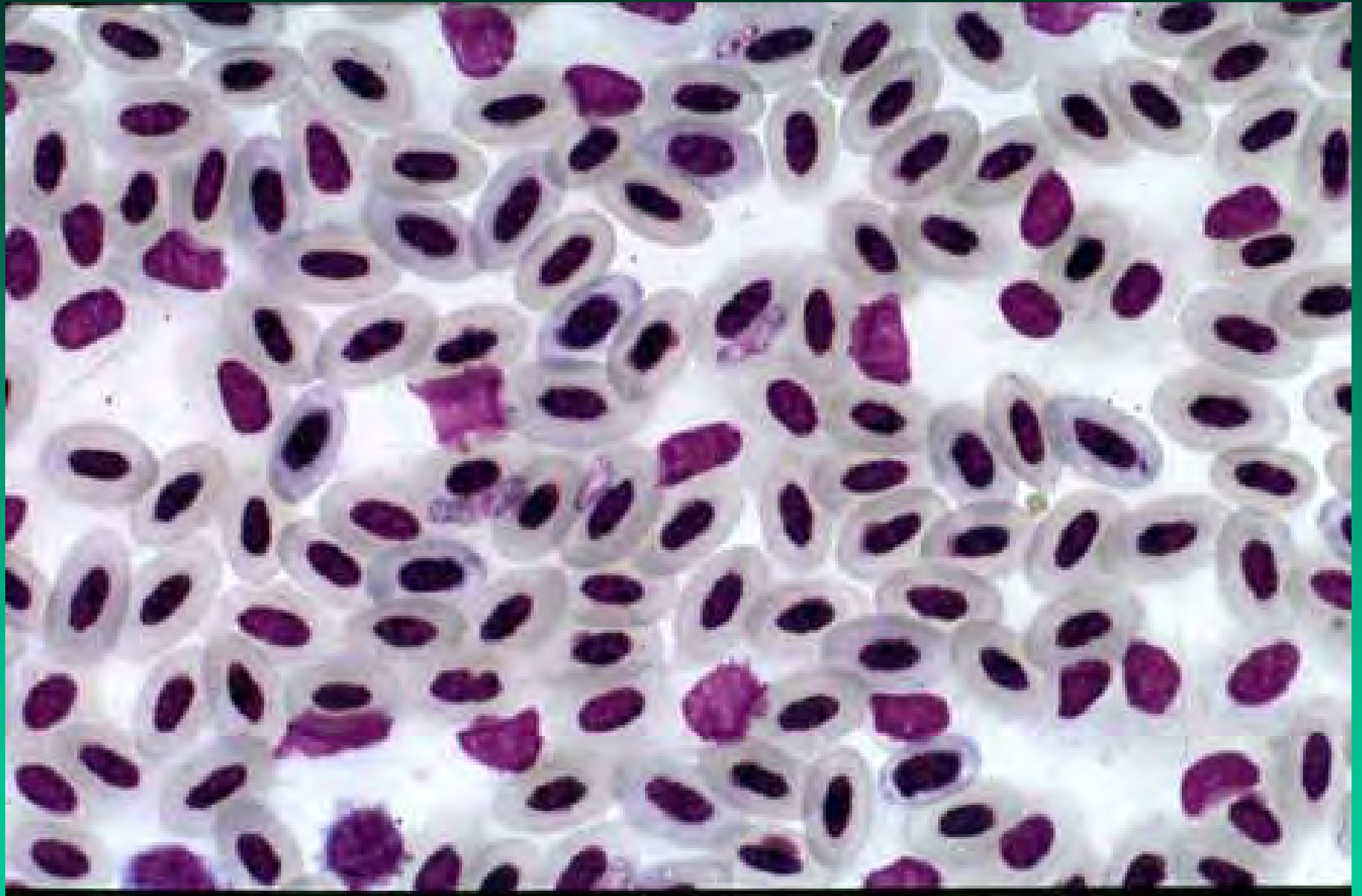




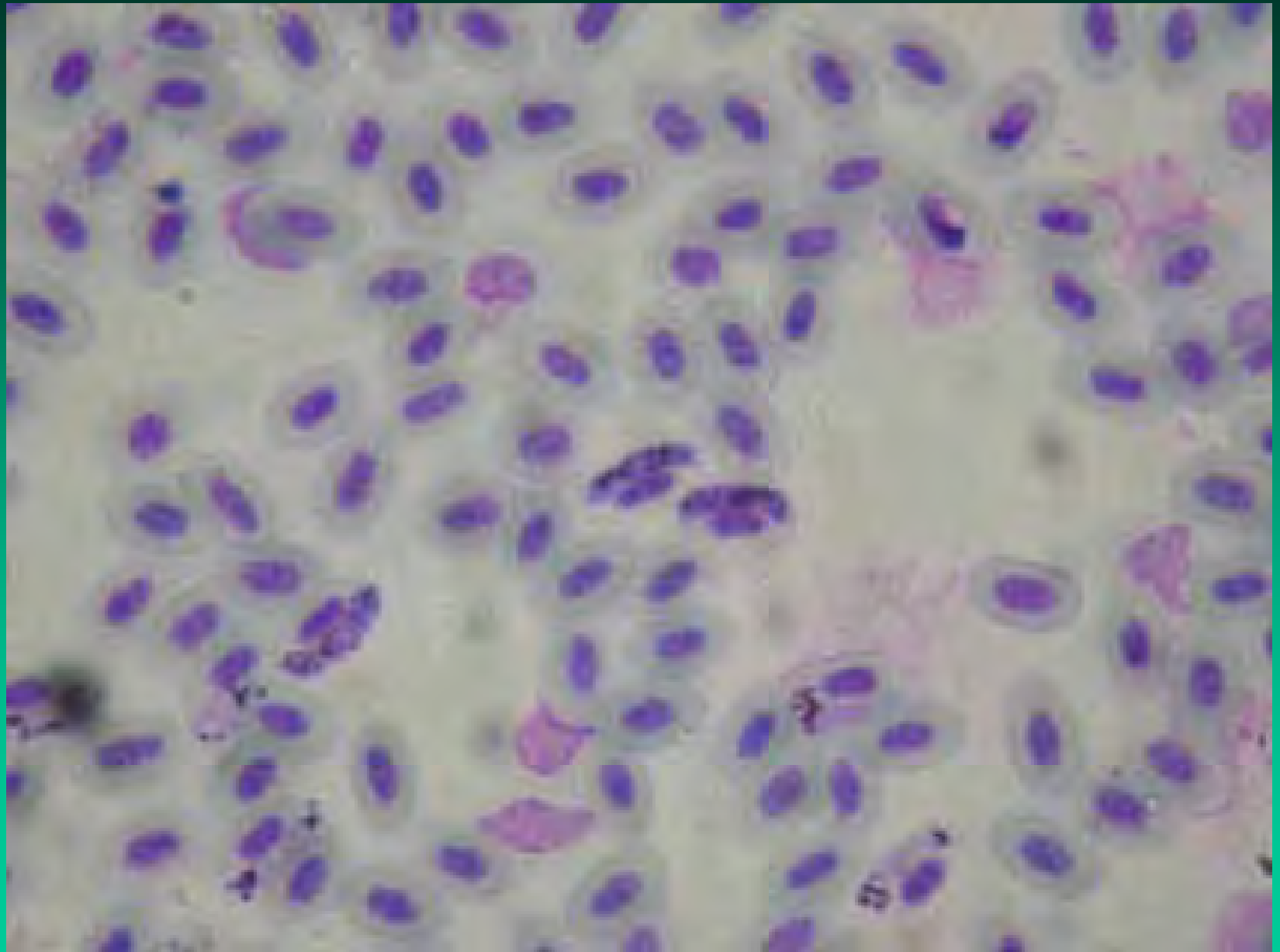




# Blood Parasites







# Various Conditions

# Arthritis



**Arthritis (may by *Salmonella* ?)**



Fig. 7.1. Tumor of the kidney.

נמק מטבעת





**BUMBLEFOOT**



**AIR SAC RUPTURE**



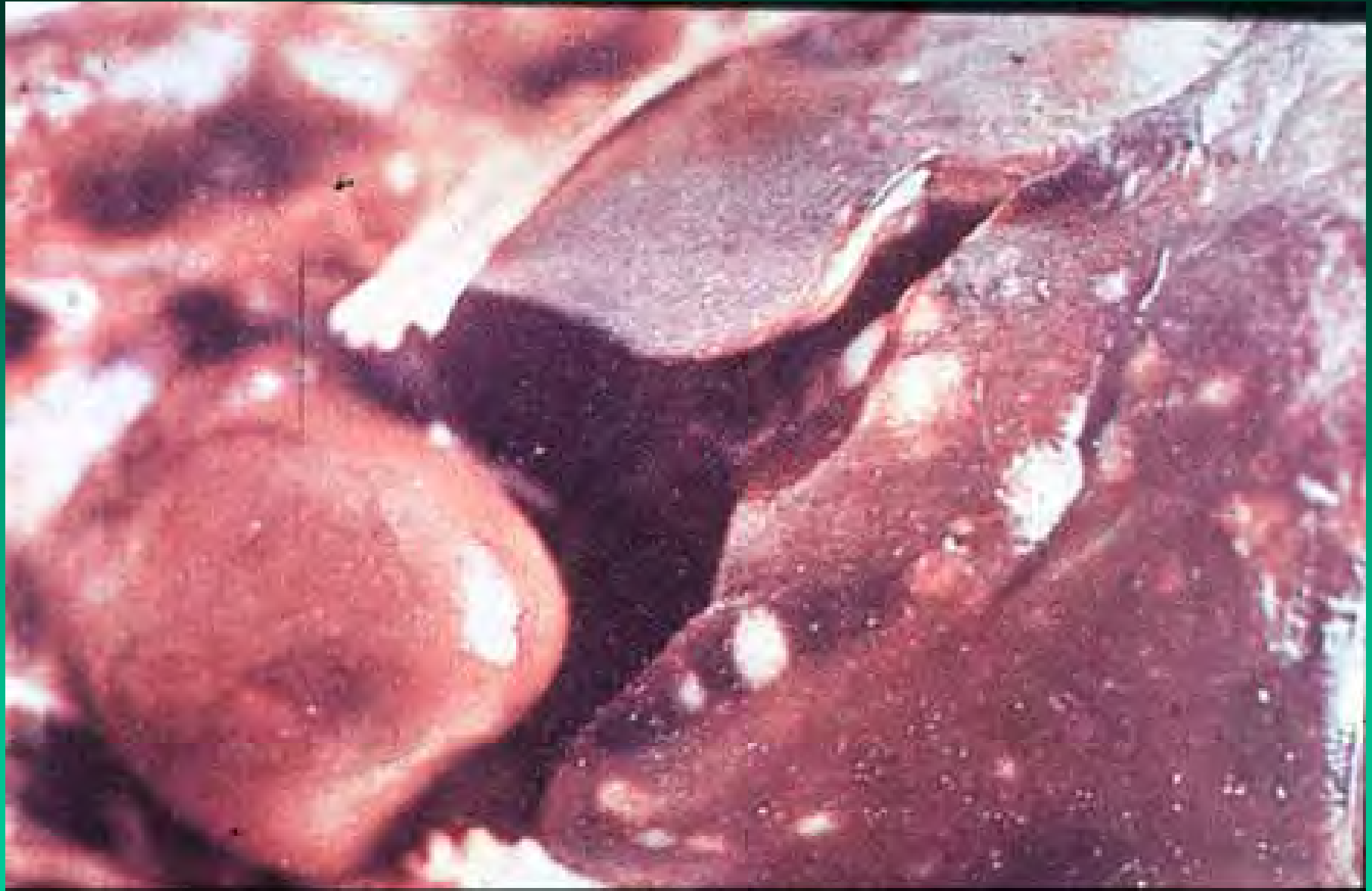


# Mycobacterium

**ארוע שחפת עופות  
בלהקת פניניות נשריות ובתורי גיניאה**









species: *Mycobacterium avium*

subspecies: *M. avium*

*M. intracellulare*

*M. paratuberculosis*

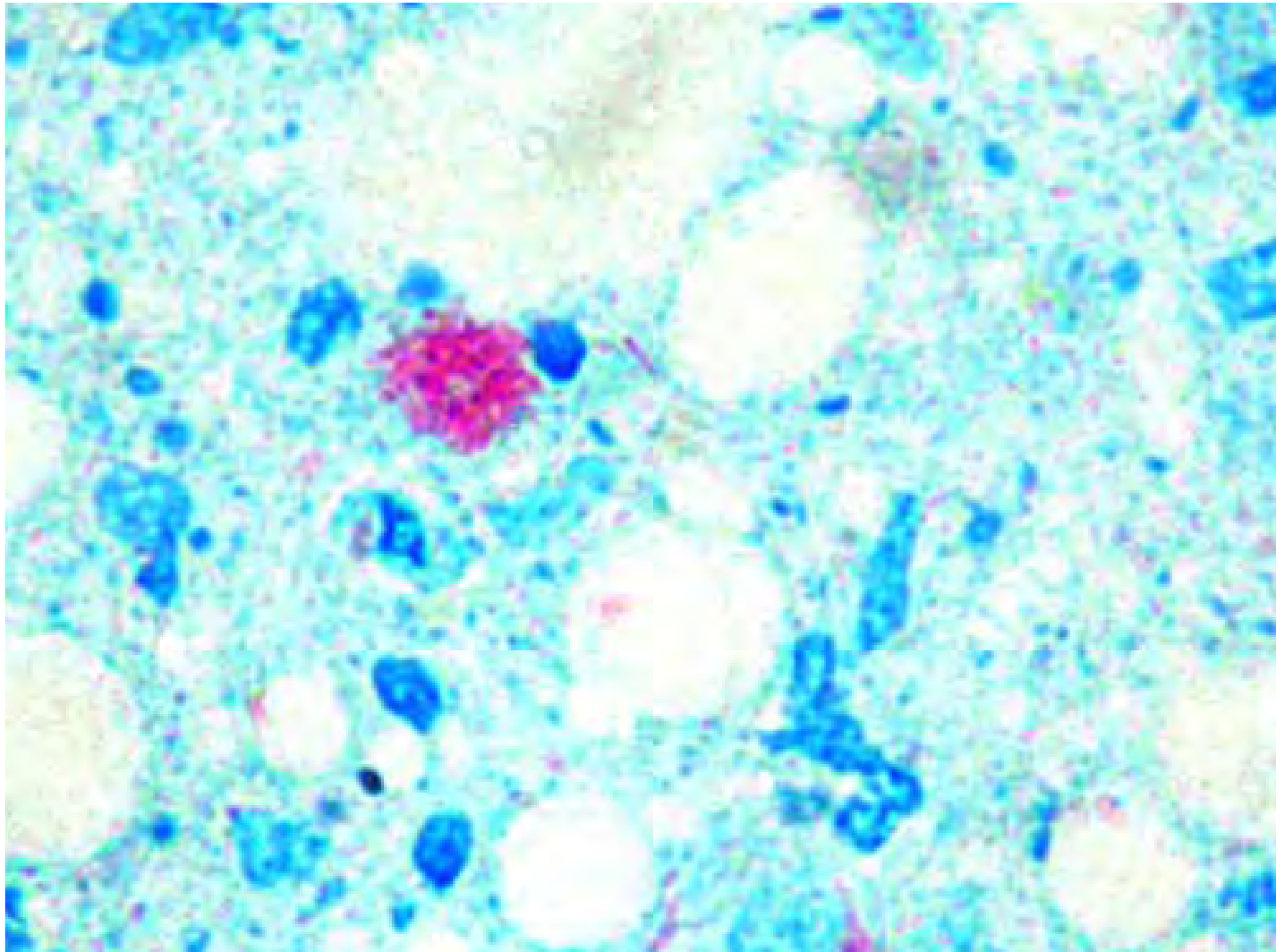
*Acryllum vulturinum* פנינית נשרית

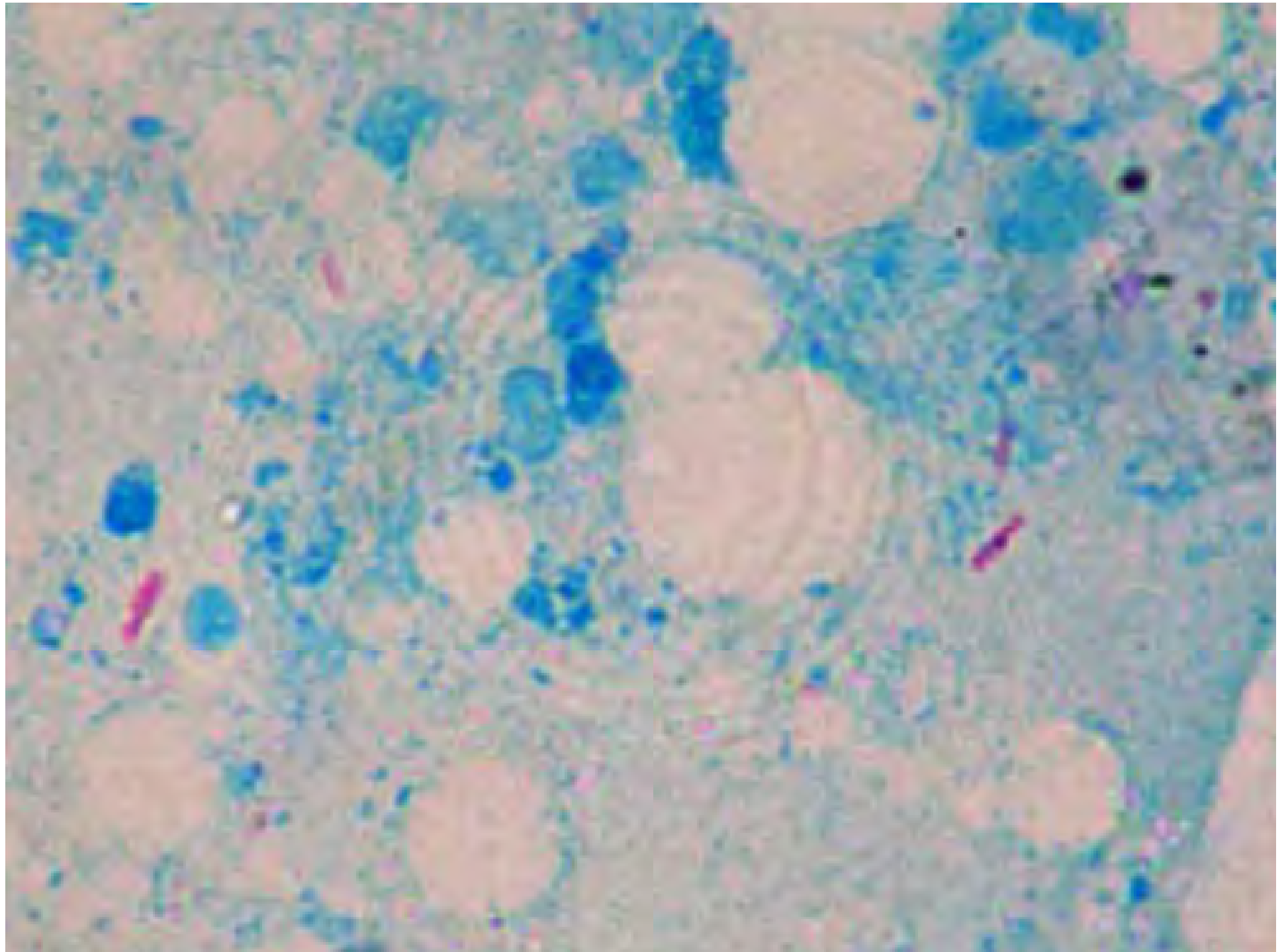
















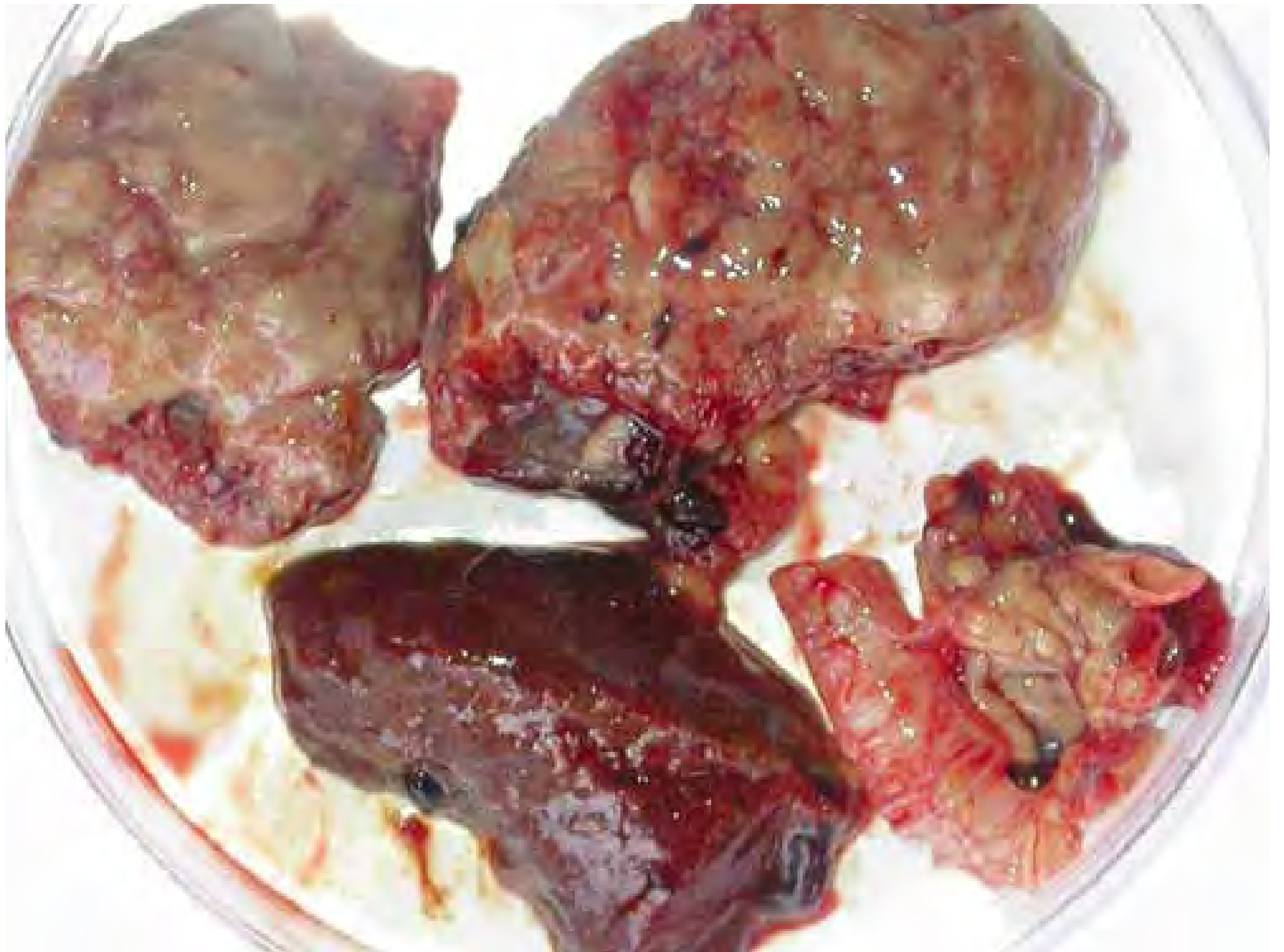








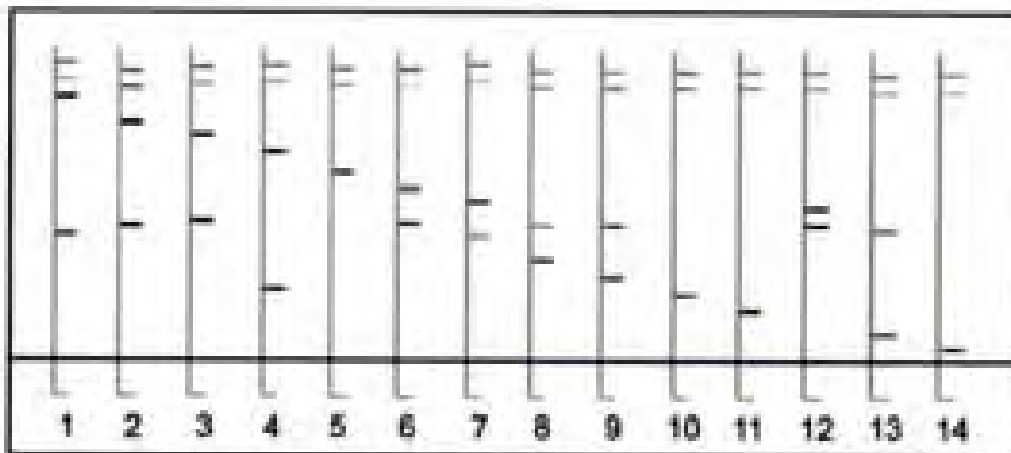






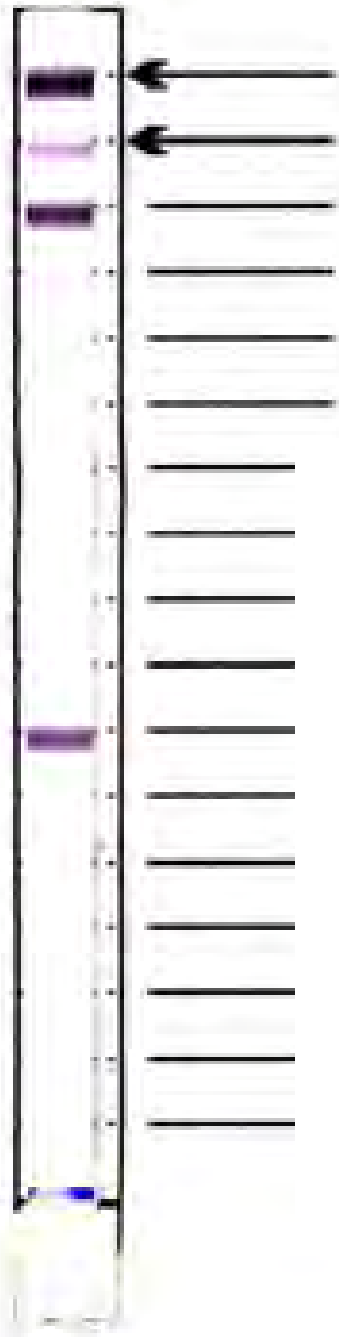


## GenoType<sup>®</sup> Mycobacterium



Identification of 13 mycobacteria species with GenoType<sup>®</sup> Mycobacterium from cultures:

- 1: *M. avium*
- 2: *M. celatum*
- 3: *M. chelonae*
- 4: *M. fortuitum I*
- 5: *M. fortuitum II*
- 6: *M. goodii*
- 7: *M. intracellulare*
- 8: *M. kansasii*
- 9: *M. malmoense*
- 10: *M. parafortuitum*
- 11: *M. phlei*
- 12: *M. scrofulaceum*
- 13: *M. tuberculosis complex*
- 14: *M. xenopi*



1 Conjugate Control (CC)

2 Universal Control (UC)

3

4

5

6

### Interpretation chart

	<i>M. avium</i>	<i>M. intracellulare</i>	<i>M. tuberculosis</i>	<i>M. celatum</i>
1 conjugate control	+	+	+	+
2 universal control	+	+	+	+
3	+			
4				+
9		+		
10			+	+
11	+	+		
13		+		
16			+	
17				

# שאלות ?



# חג - שמחה

