

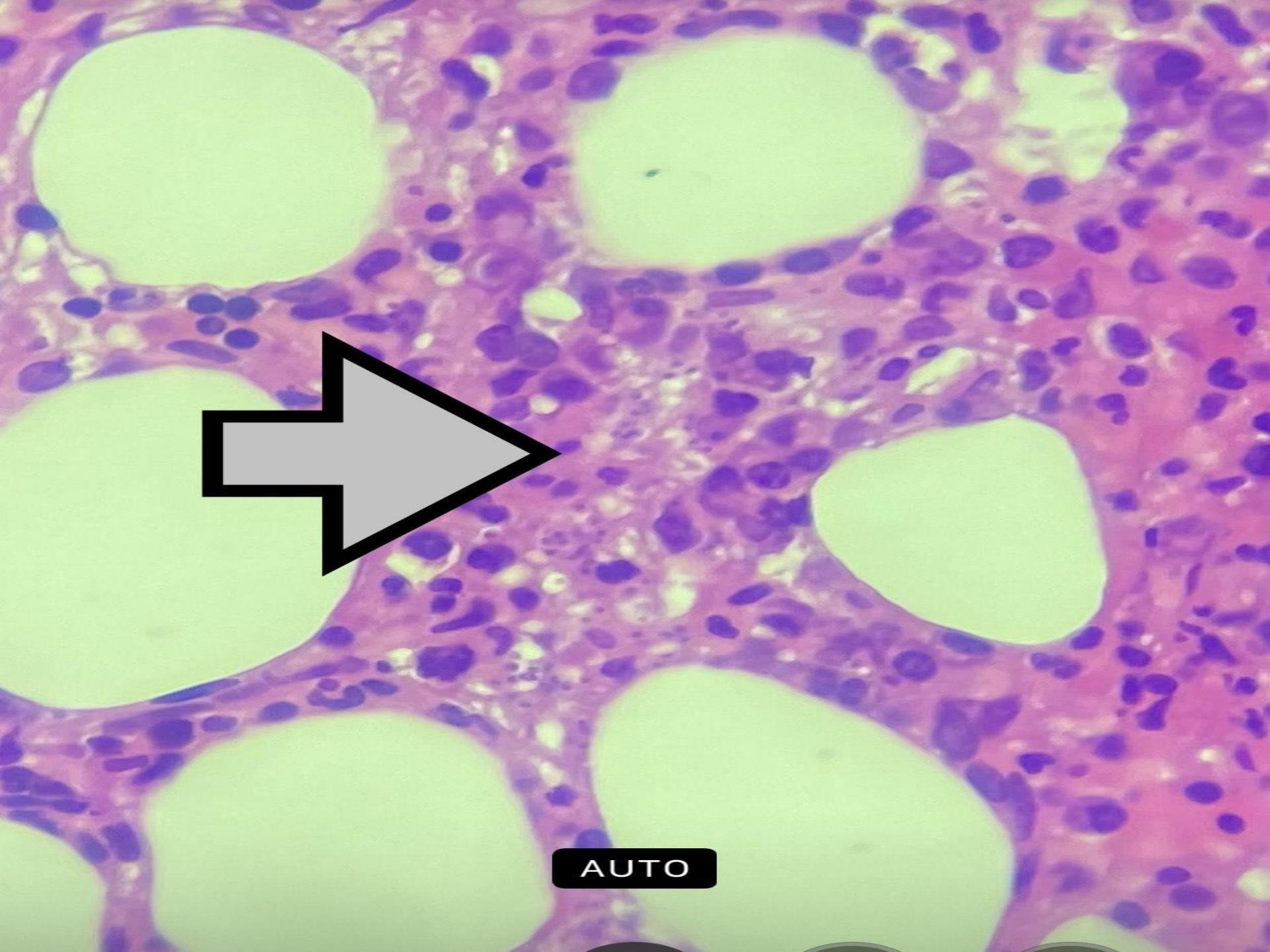
Brucellosis

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To treat or Not to treat?

That's The Question.

(Wright: 1/20; Coomb's Wright:1/40;2ME: 1/20)



AUTO

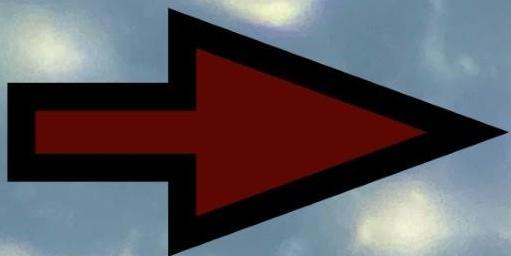
Leishmania

A microscopic image showing various blood cells. A cluster of small, purple-stained platelets is visible in the lower-left. In the center, a larger, irregularly shaped cell contains several bright blue, granular bodies. A black arrow points to the platelets, and a red arrow points to one of the blue bodies. The word "Leishmania" is written in black text above the central cell.

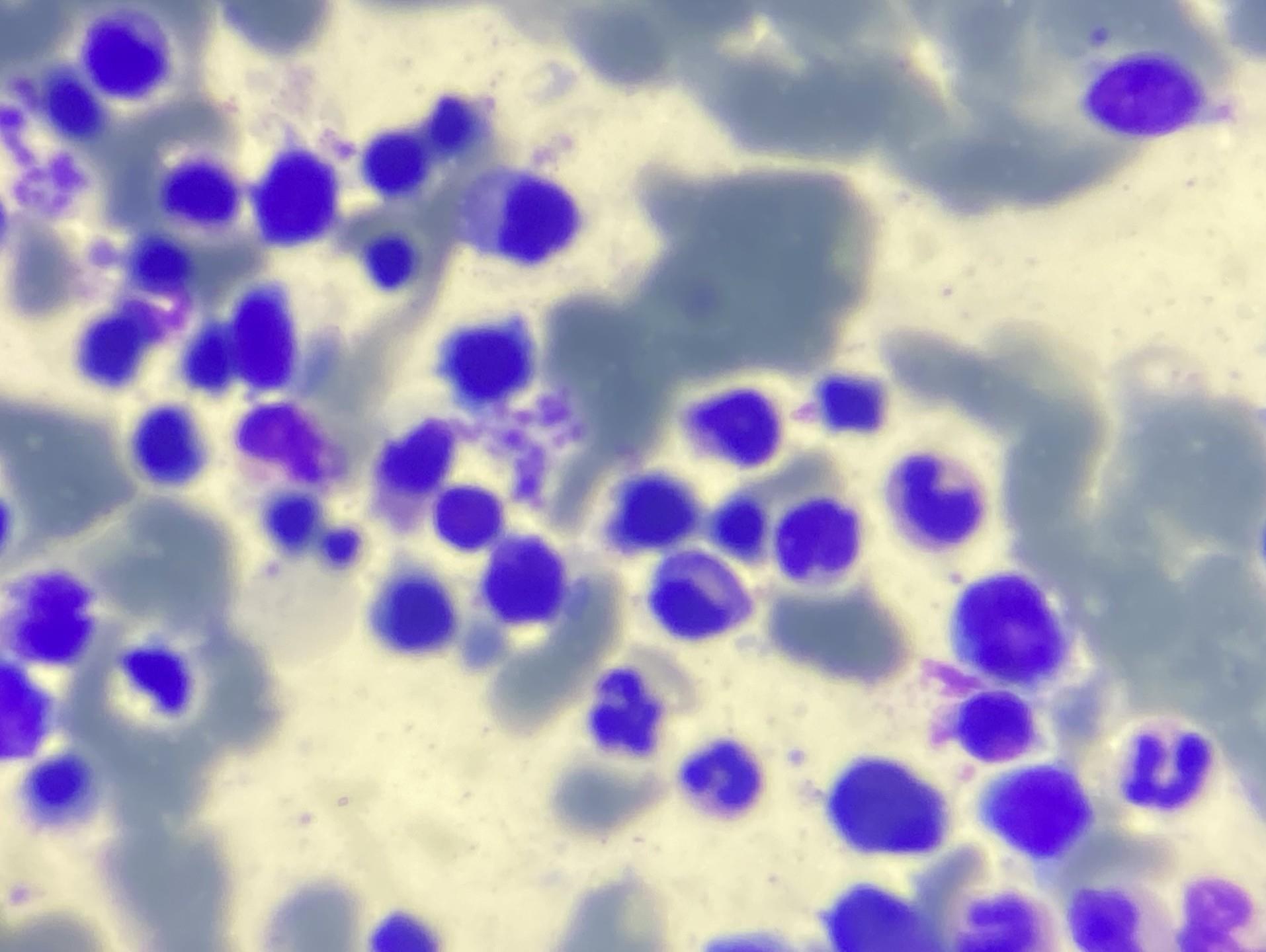
Platelets

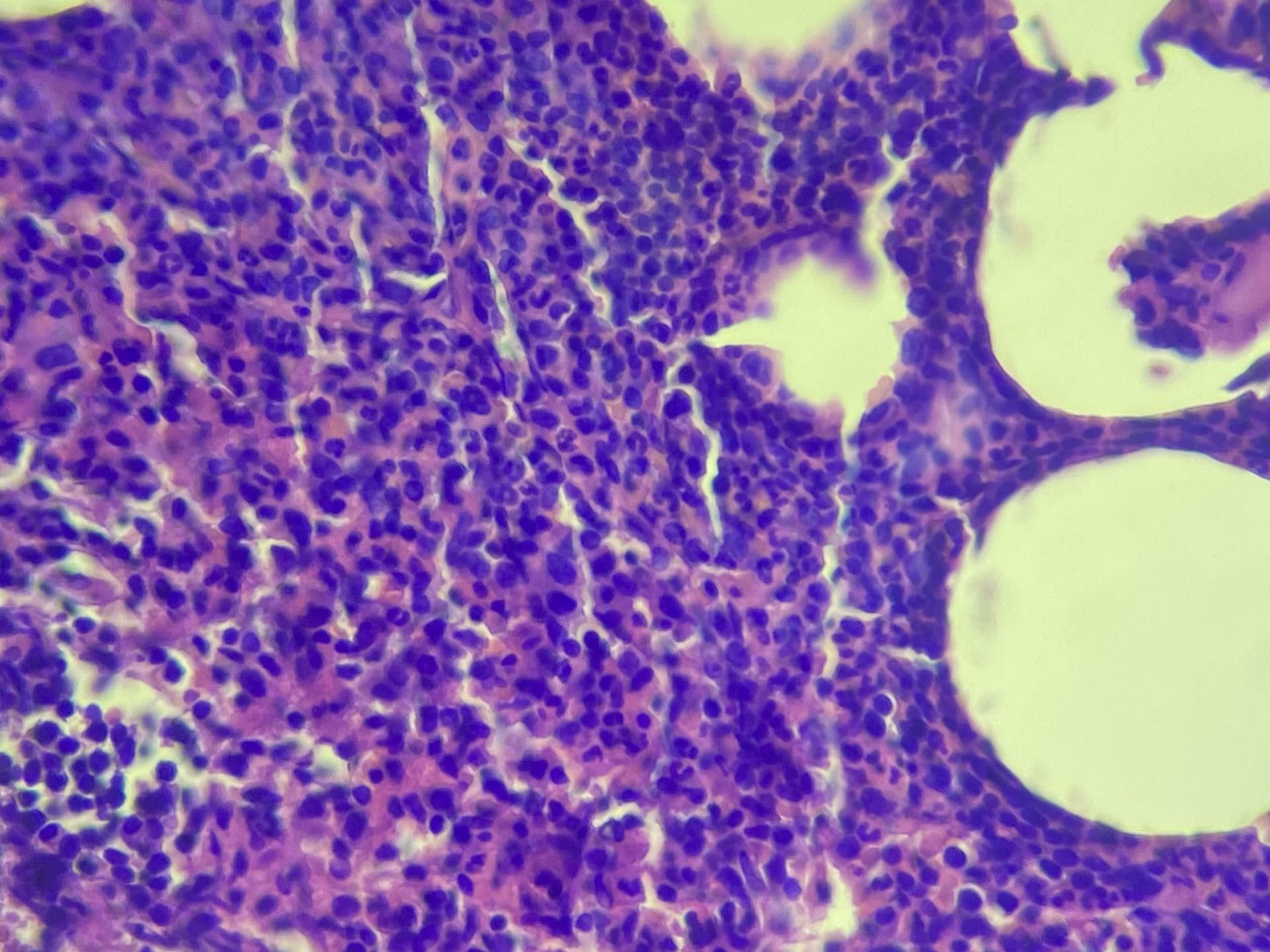


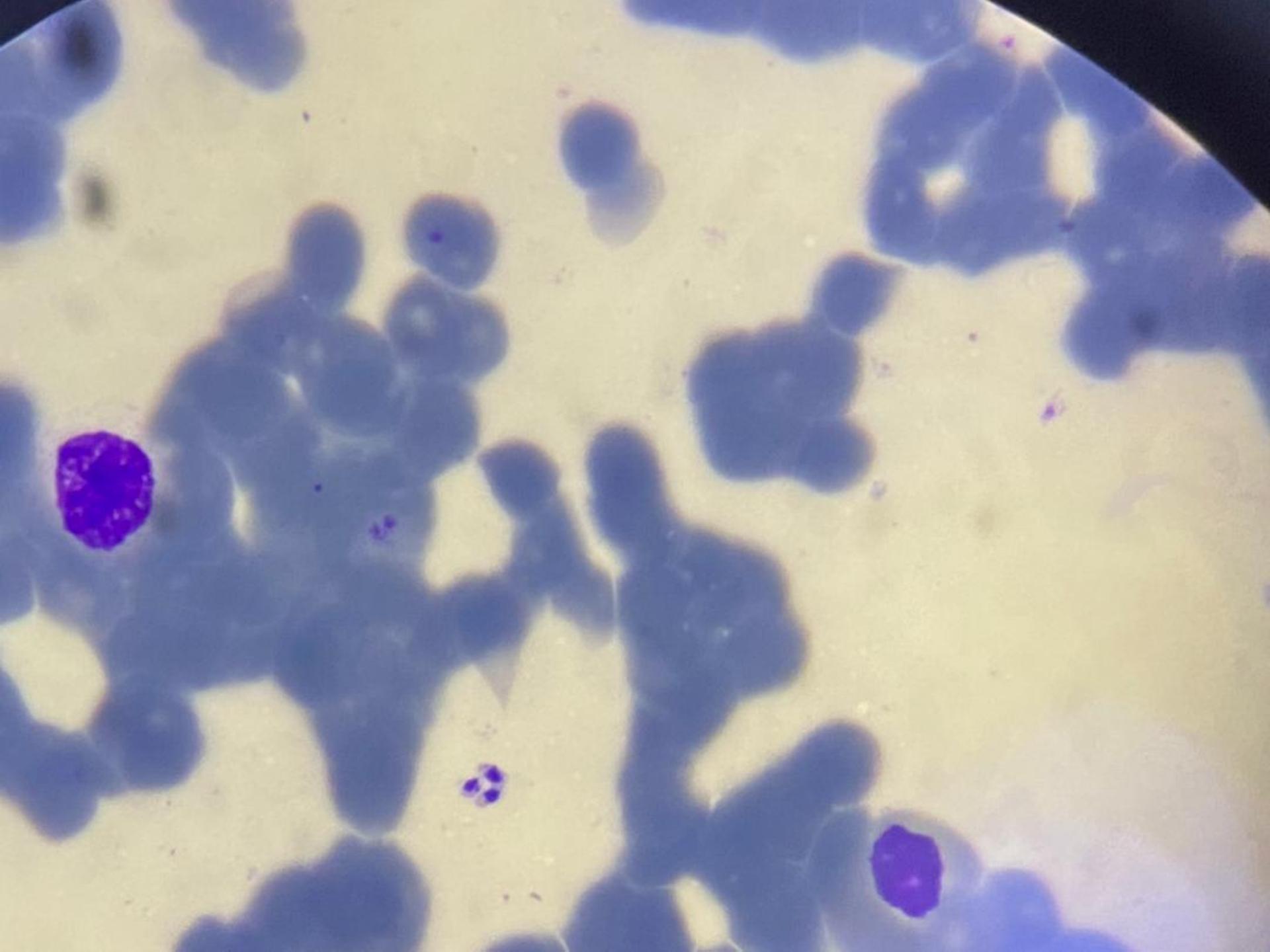
Safety pin-shaped
leishmania



Discussion







آزمایشگاه پاتوپیولوژی و نک آزمایشگاه پاتوپیولوژی و نک

تهران- میدان ونک- بزرگراه حقانی- بین گاندی شمالی و افريقا- روپرو گلند چهارراه لاهیجان- فناوری و فوک خاصه

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سن: ۶۵ سال

شماره قبض: ۰۲-۲۹۰۰-۰۶

تاریخ پذیرش: ۰۲-۰۲-۱۰

نام: خانم طبیبه شهاب شهمیرزادی

تاریخ جواب: ۱۴۰۲-۰۲-۱۰

شماره پاتولوژی: PO2-517

پزشک: سرگار خانم دکتر شراره سیفی

SURGICAL PATHOLOGY REPORT

FINAL DIAGNOSIS:

Bone marrow aspiration:

- Presence of intracellular and extracellular **Leishmania bodies**;
- Myeloid preponderance (M/E ratio: 5/1);
- Lymphoid cells are about 35% and mature;
- Plasmacells make roughly 5% of nucleated cells;
- No increase in blasts.

Bone marrow biopsy:

- Hypercellular marrow (80% cellularity) rich in histiocytes with vaguely formed granuloma revealing intracellular amastigotes of **Leishmania**;
- All hematopoietic elements in different stages of maturation are present.

MICROSCOPIC DESCRIPTION: Sections support diagnosis

CLINICAL INFORMATION:

65 y/o female with splenomegaly

GROSS DESCRIPTION:

Received specimen in formalin and consists of one core of tan bony tissue (3x0.2 cm) and blood clot (1x0.2 cm). After decalcification TS in 2-blocks. Also received 7 unstained aspiration slides.

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Date Report Signed: 02/02/10

