

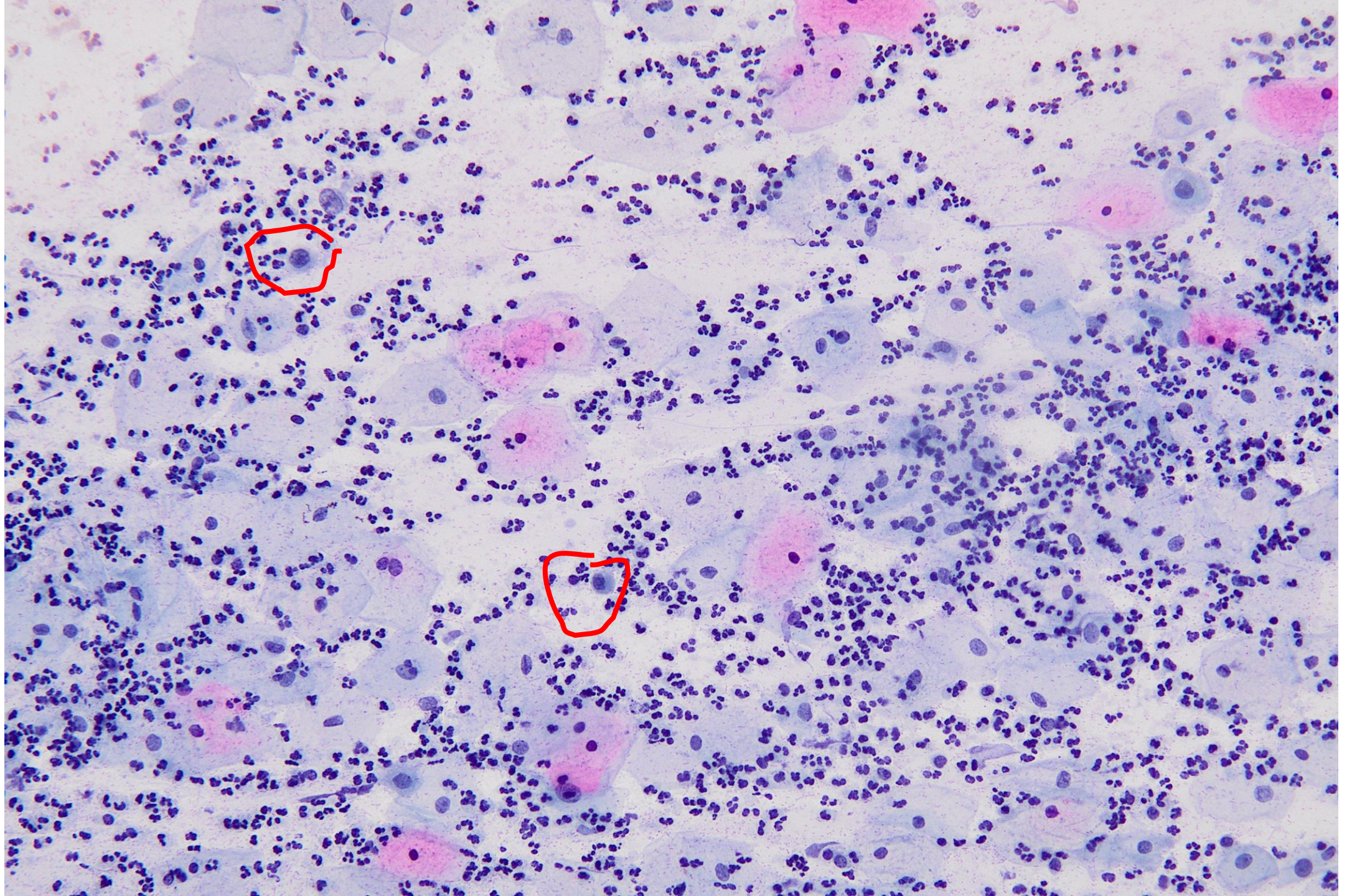
Moji problemi i dileme u praksi

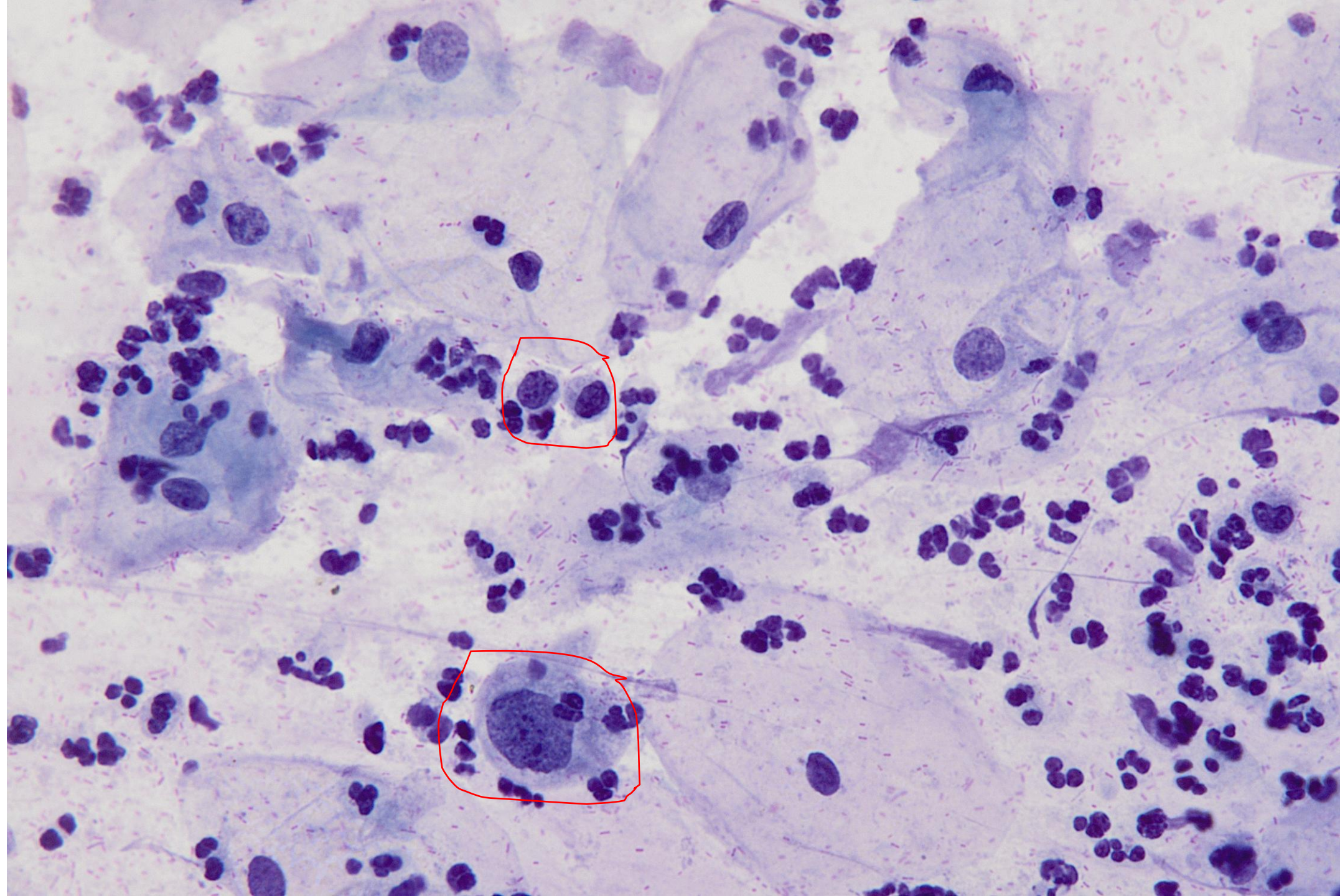
-problematični *paterni*-

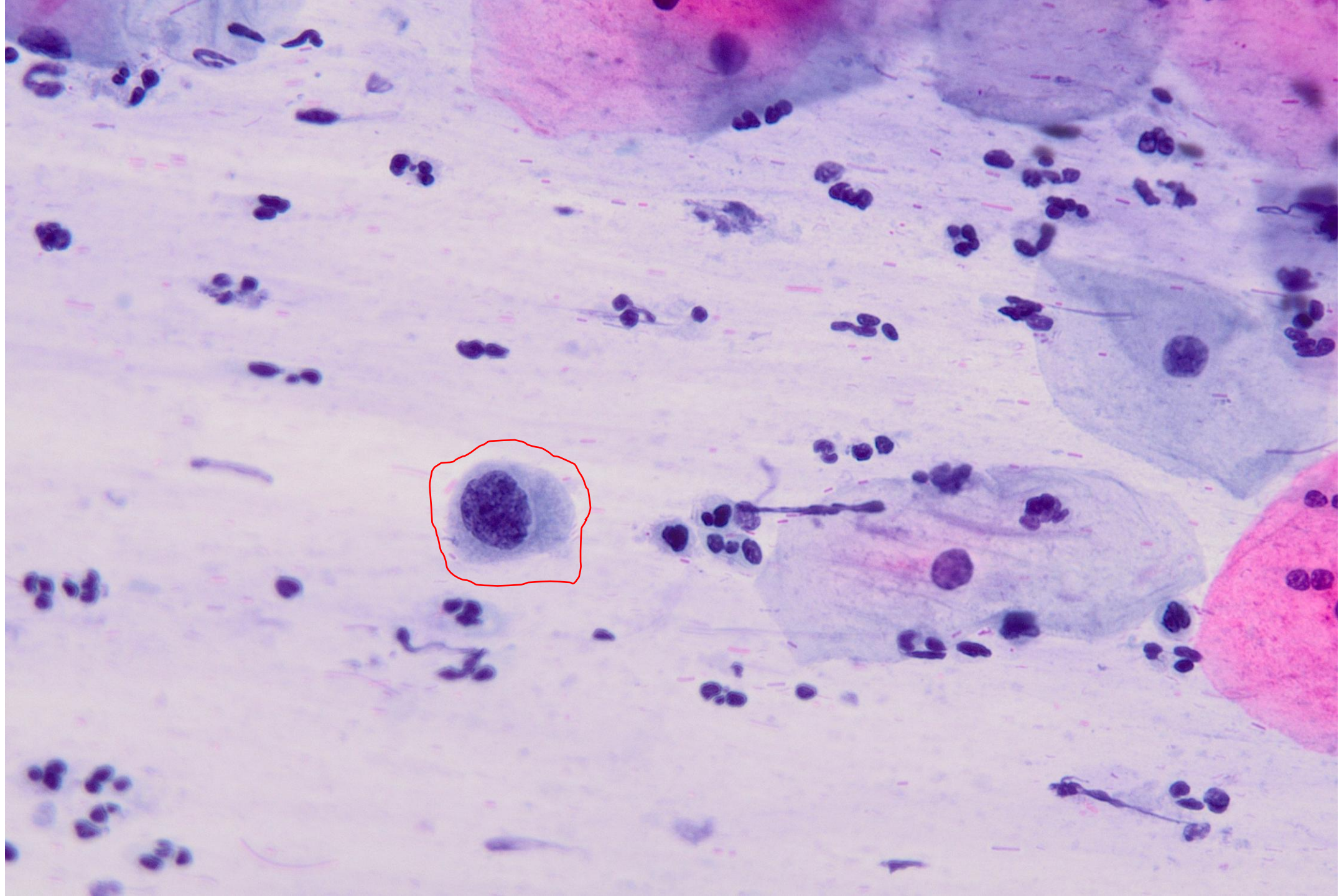
Živka Eri

Da li jedna lasta čini proleće?

Slučaj 1. žena 28 godina, PAP brisa, kontrolni pregled

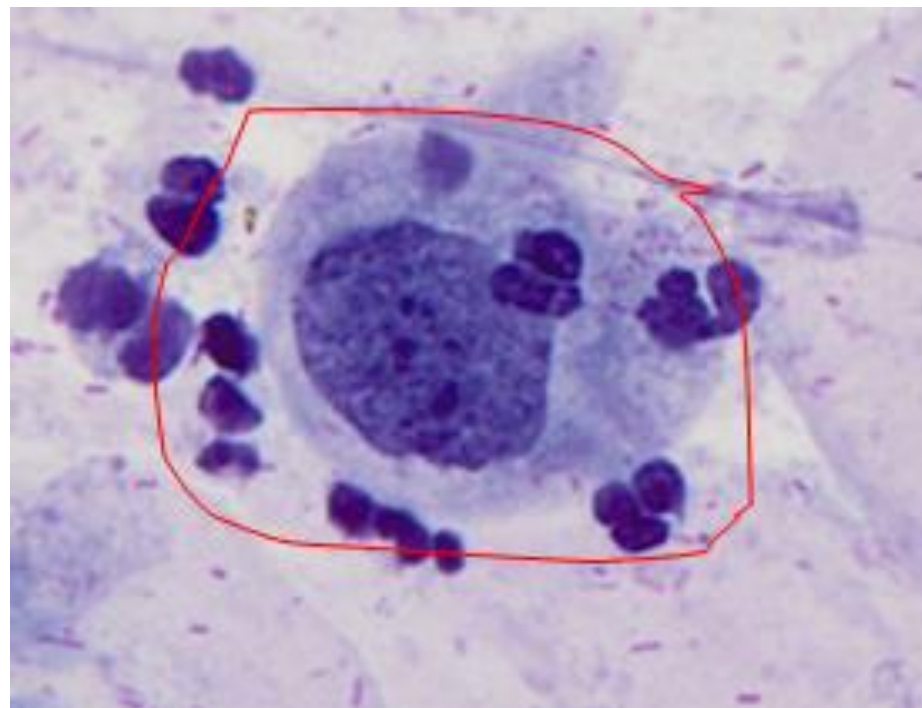




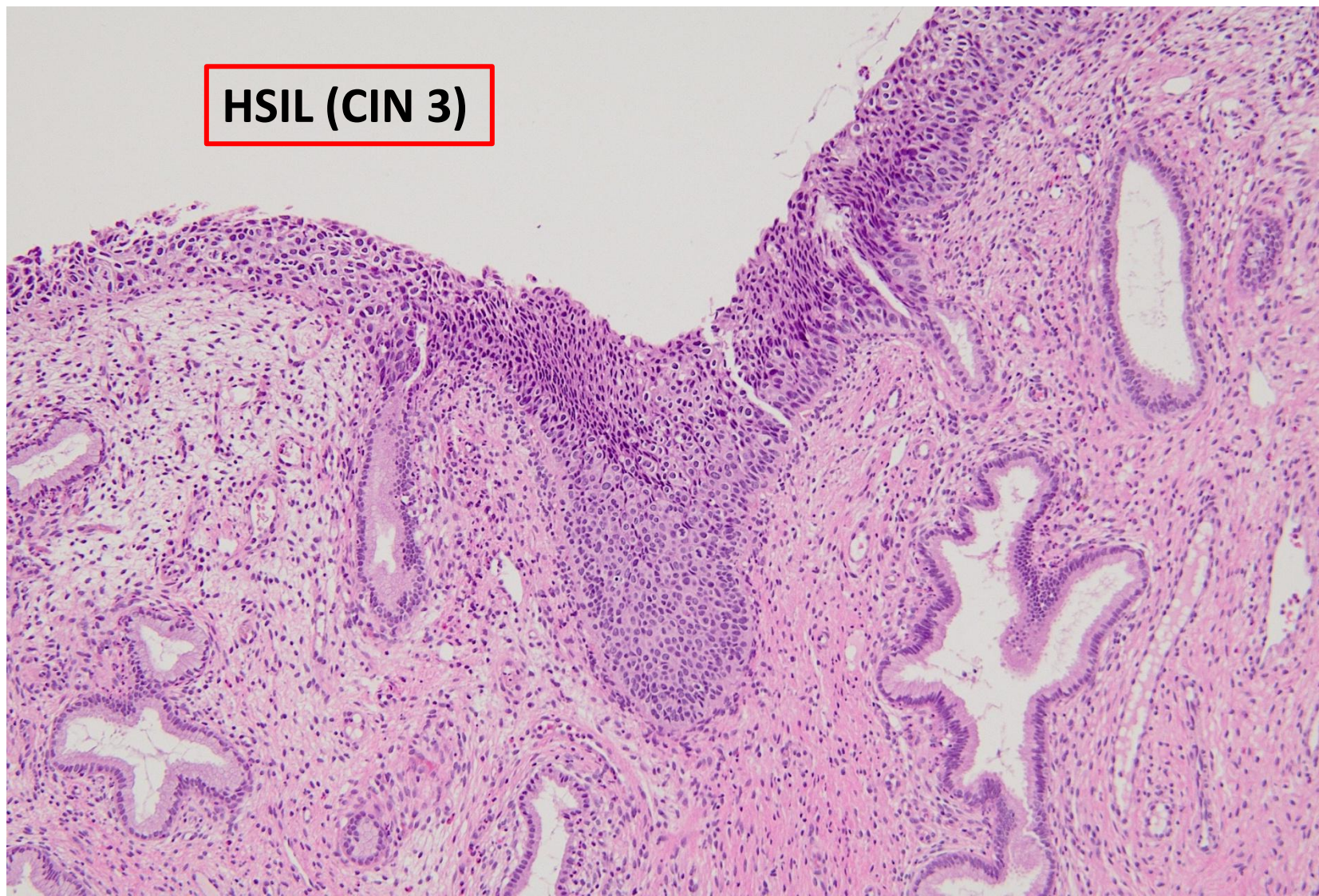


Vaša dijagnoza?

- NILM, izolovane epitelne ćelije (rezerve, parabazalne i nezrele skvamozne metaplastične ćelije)
- NILM, izolovane endocervikalne ili endometrijalne ćelije
- NILM, histiociti ili limfociti
- NILM, decidualizirane stromalne ćelije
- ASC-H
- HSIL
- AGC-NOS



Preporuka uvek: biopsija i ECC



5.8. Problematicni paterni u HSIL

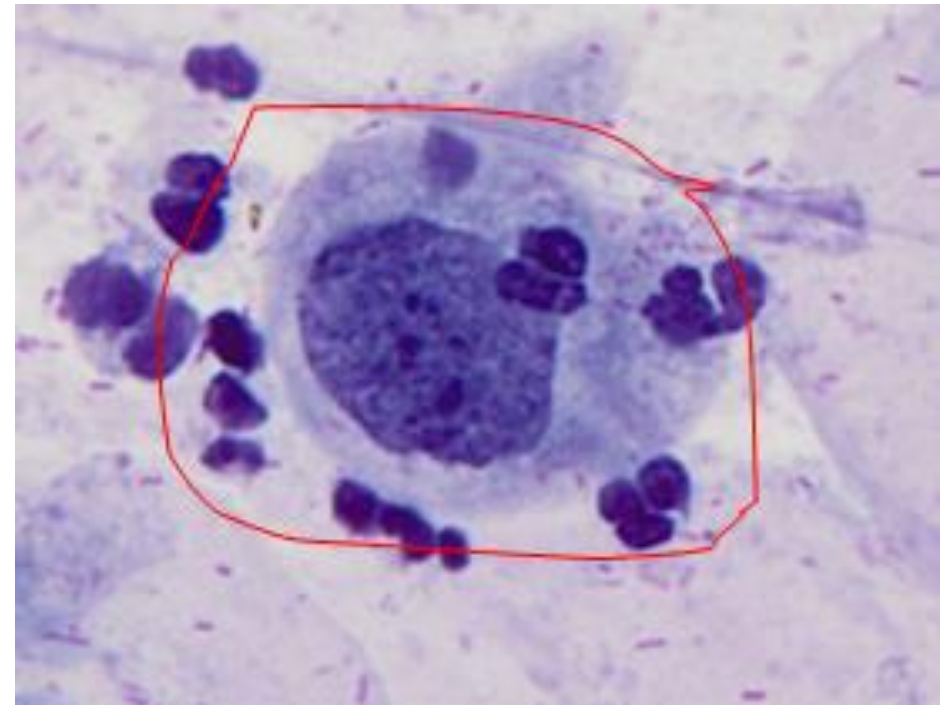
5.8.4 Single and Rare Small HSIL Cells (Figs. 5.27 and 5.28)

The cells of HSIL are often single with fewer sheets and clusters than are seen in LSIL. Specimens with rare, small, high nuclear to cytoplasmic ratio HSIL cells may be problematic with regard to identifying the cells (screening/location) as well as categorizing the abnormality accurately (interpretation) [30]. There is a higher probability of a false-negative result when there are relatively few detached neoplastic cells or when only a few large groups of neoplastic cells are present

The differential diagnosis of isolated cells with high nuclear to cytoplasmic ratios includes immature squamous metaplasia, cellular changes associated with intrauterine device use (see Figs. 2.47 and 6.5), and isolated cells of endocervical or endometrial origin (see Fig. 5.50).

Odgovor po Bethesda?

- NILM, izolovane epitelne ćelije (rezerve, parabazalne i nezrele skvamozne metaplastične ćelije)
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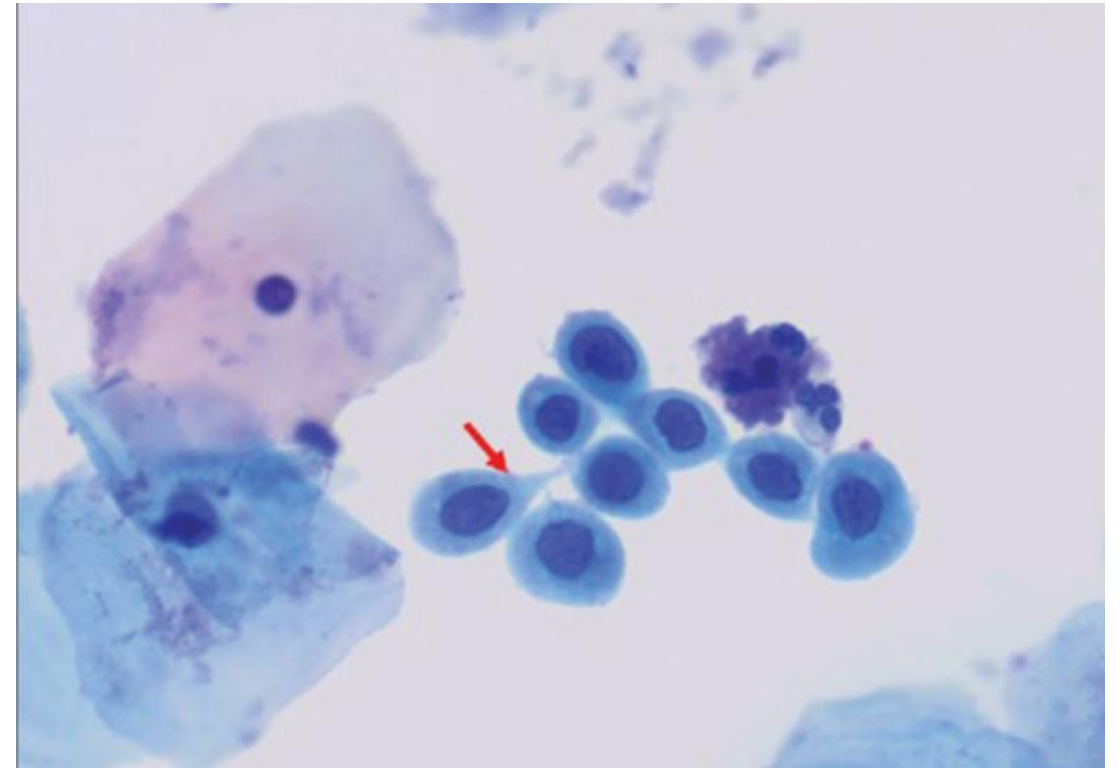
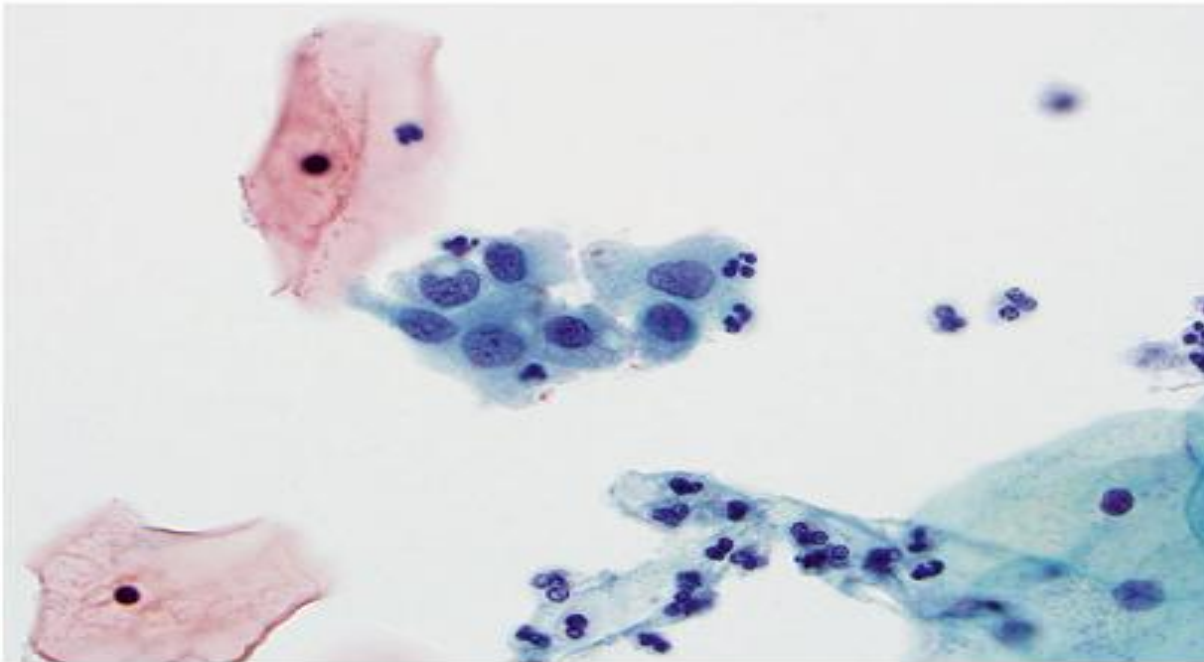
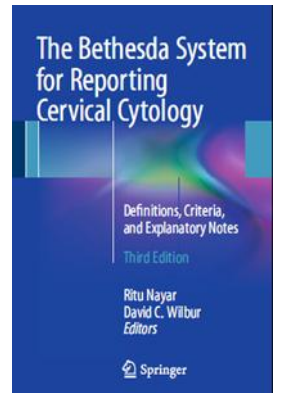
5.8. Problematicni paterni u HSIL

5.8.4 Single and Rare Small HSIL Cells (Figs. 5.27 and 5.28)

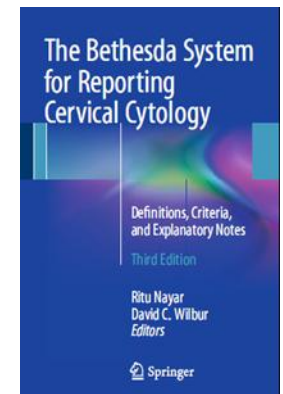
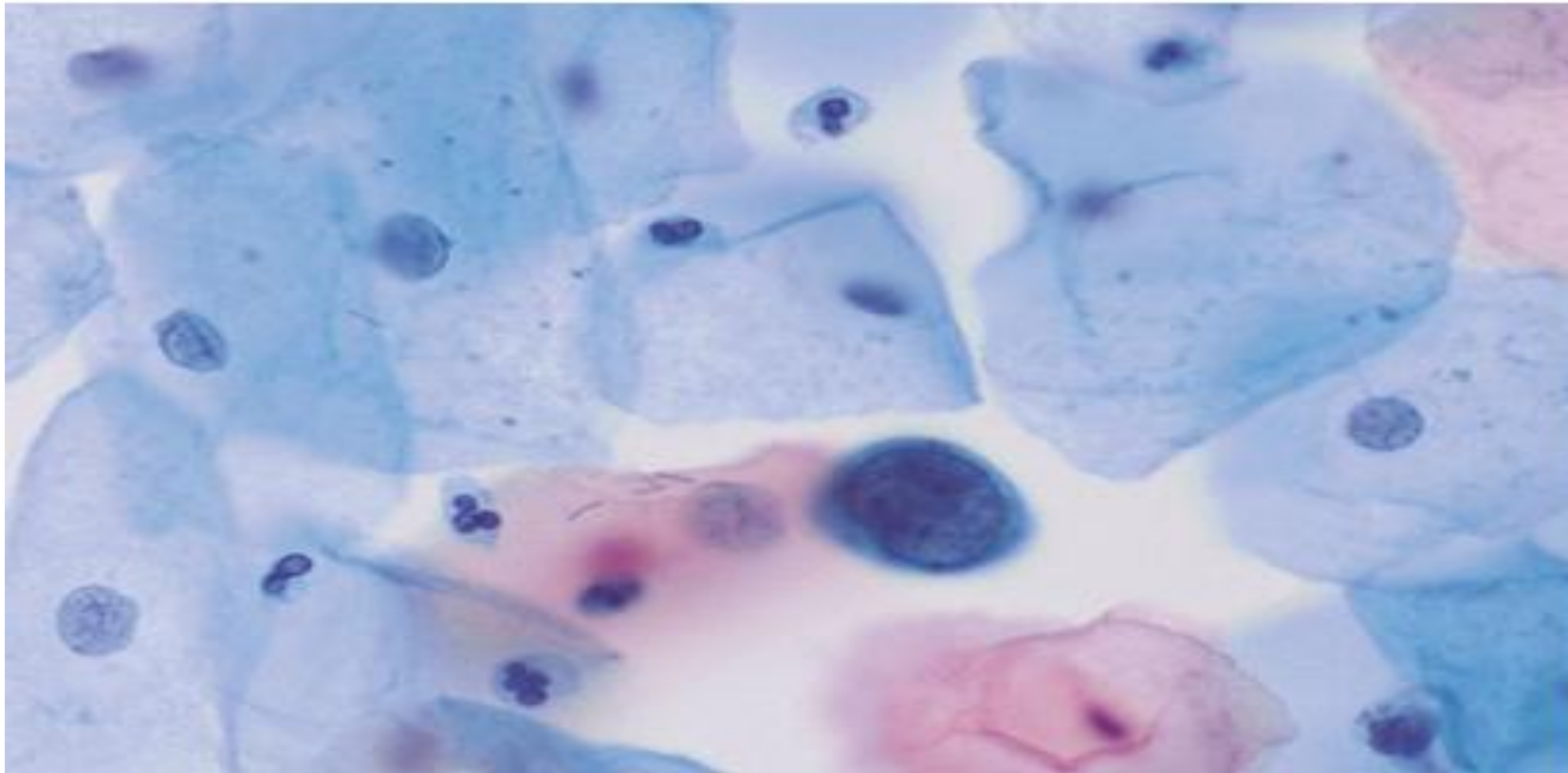
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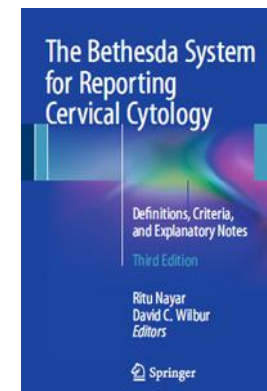
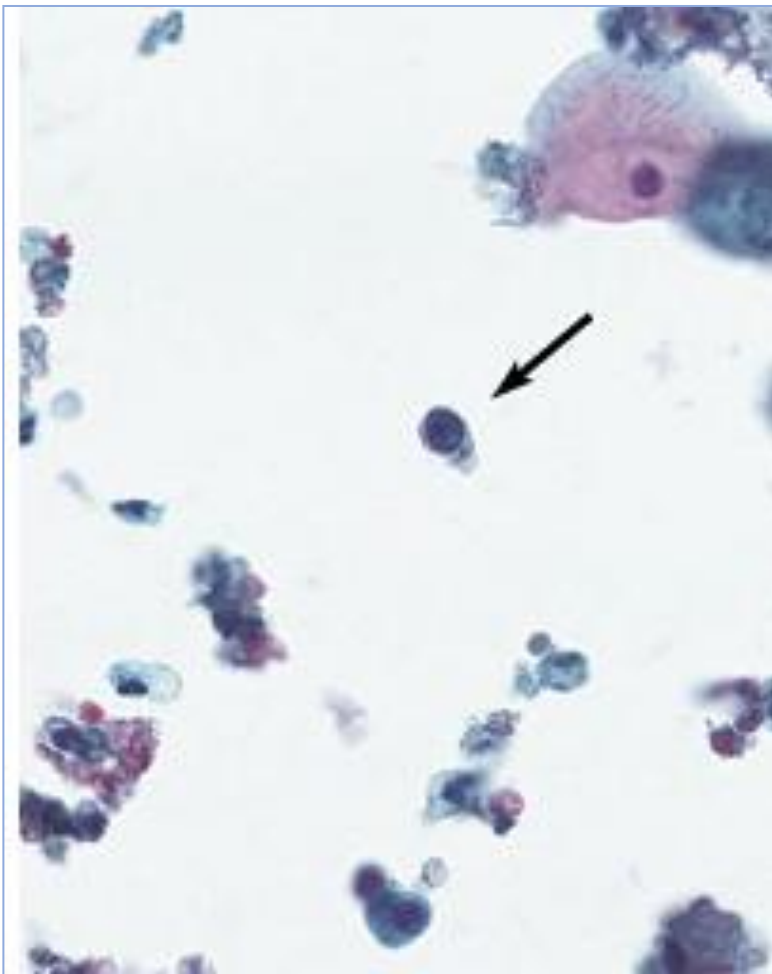
Imaturne metaplastične ćelije



Izolovane endocervikalne ćelije



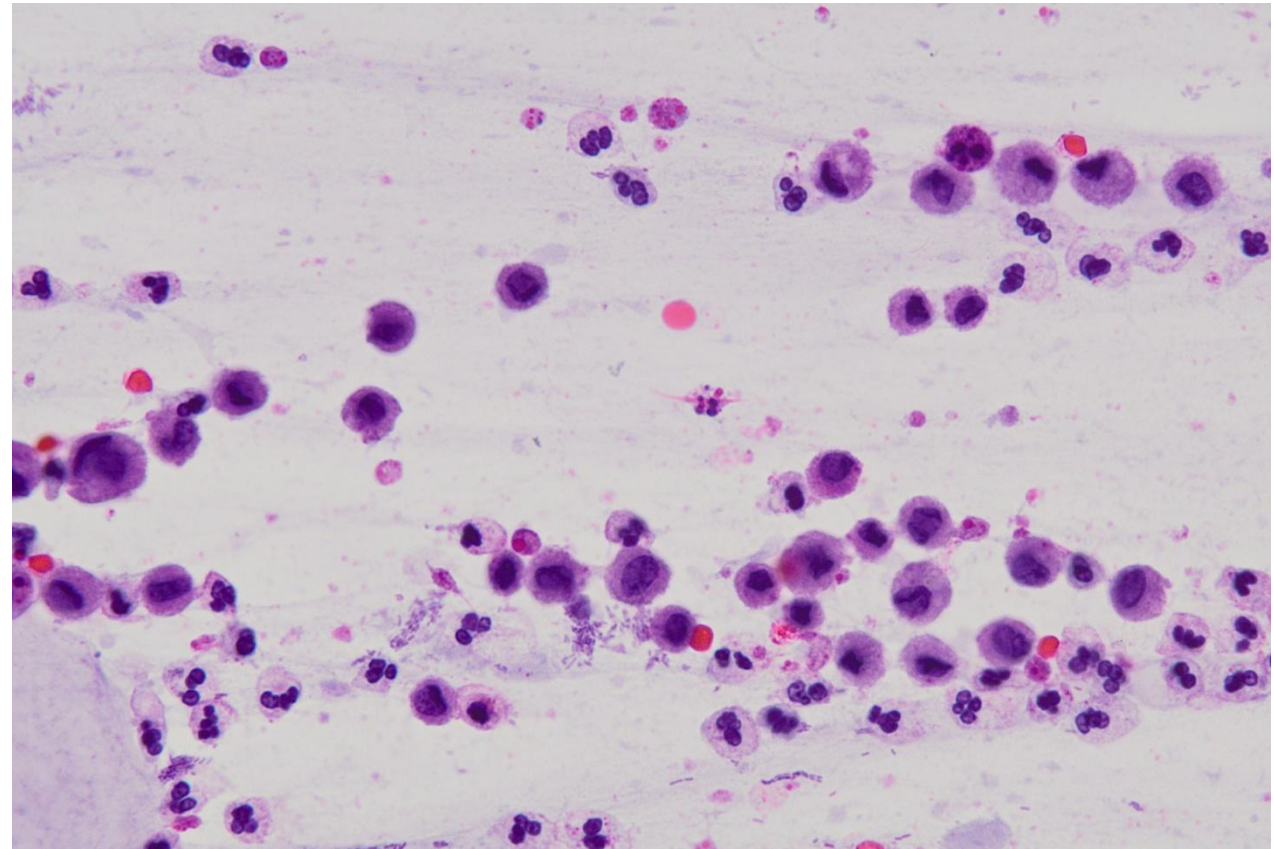
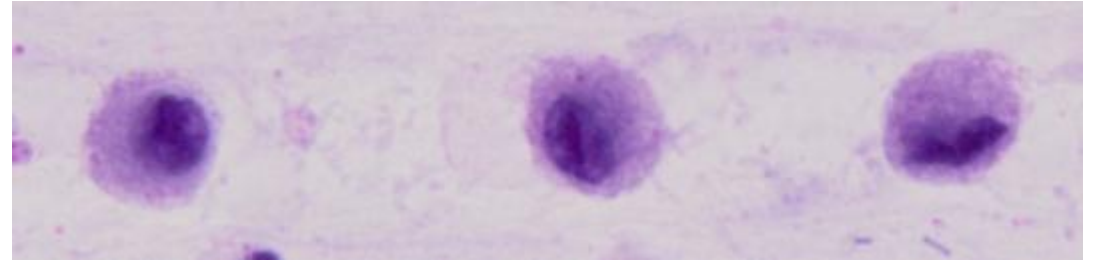
Endometrijalne ćelije



- **Pojedinačne ćelije ili individualne ćelije u grupama:** malo jedro sa visokim N/C odnosom, ponekad malim jedarcetom

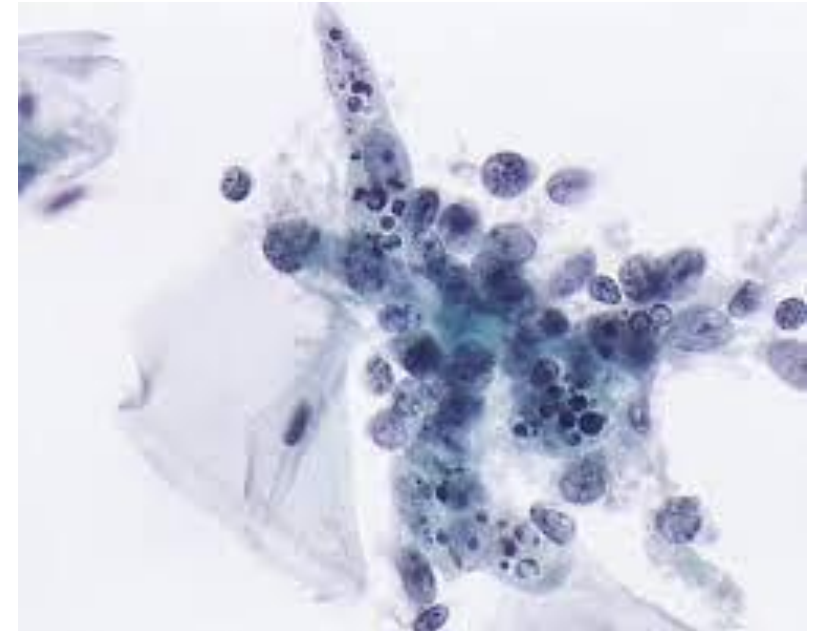
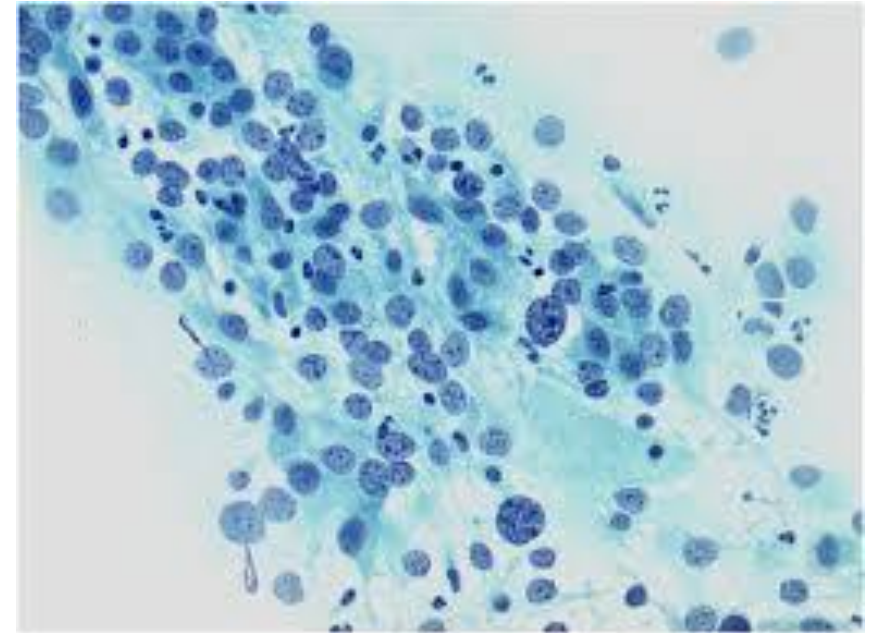
Histiociti

- Sitno do srednje krupno jedro kao ovalno zrno pasulja sa izdužnim usekom, normohromno, penušave do vakuolizirane citoplazme
- Ne viđaju se u kohezivnim grupama, ponekad u rastresitim klasterima
- Udruženi sa endometrijalnim ćelijama u egzodusu

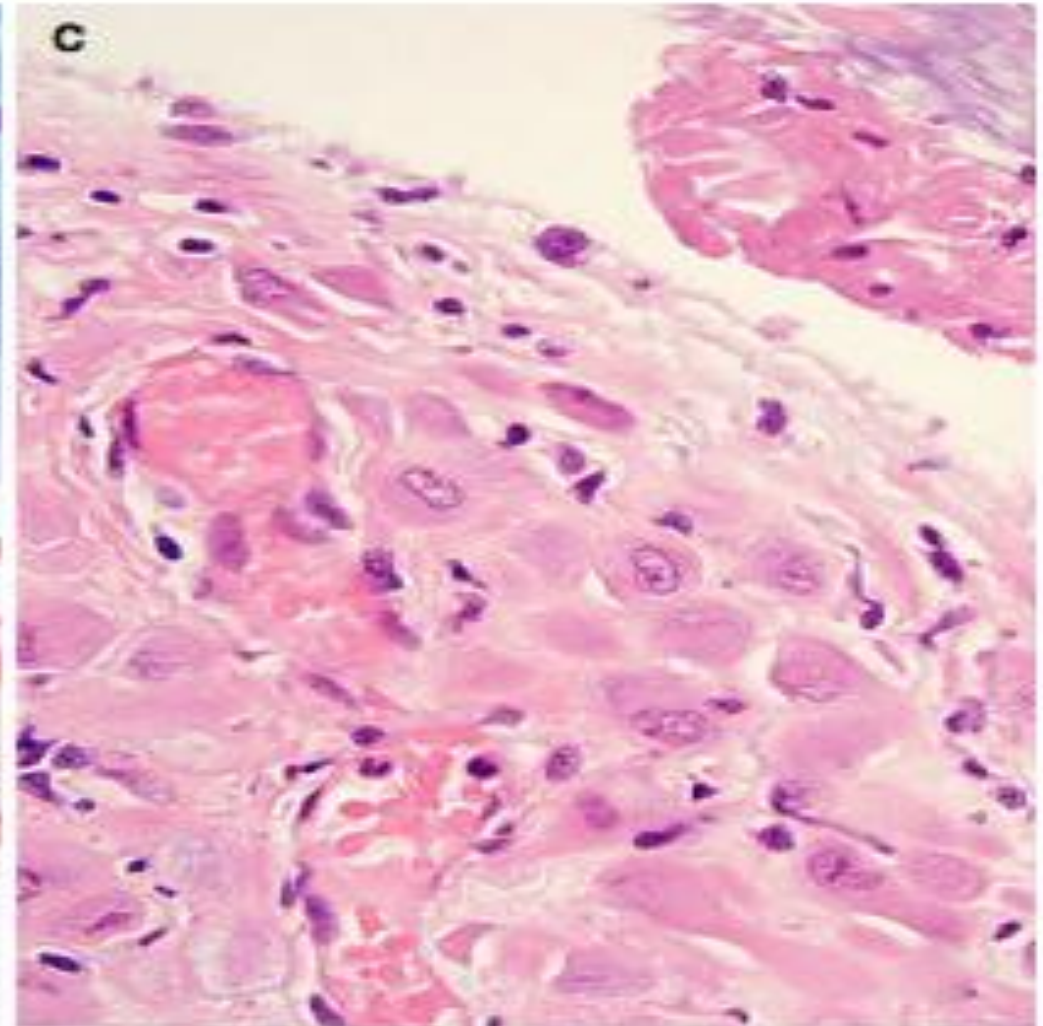
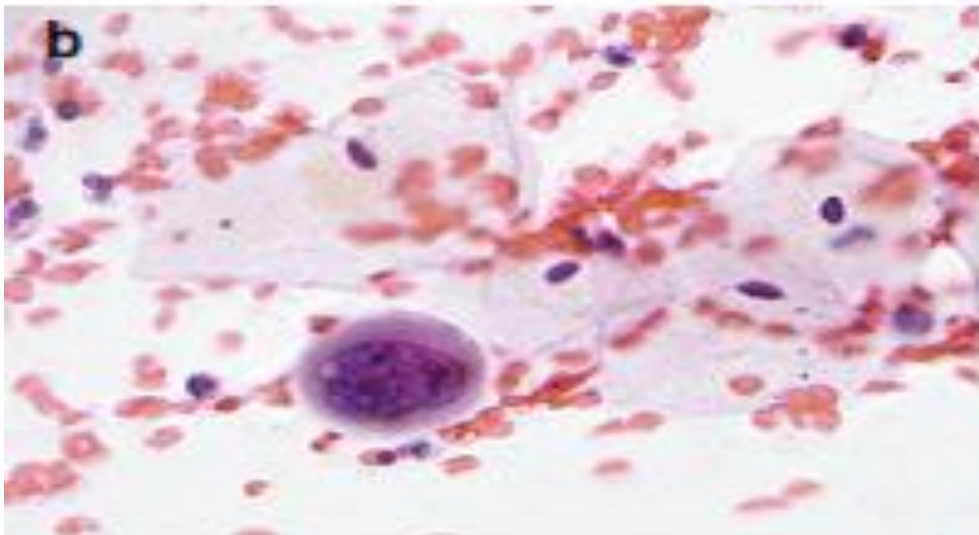
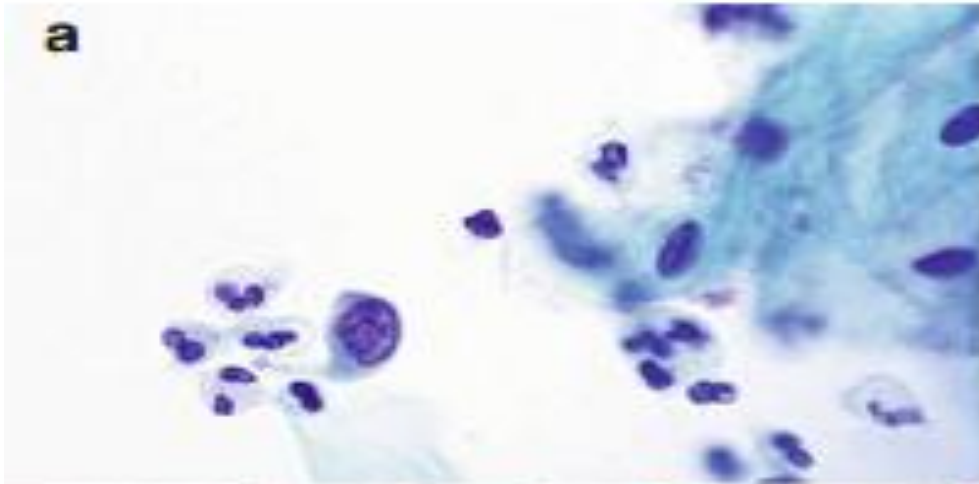


Limfociti



- Mala jedra u zrelih ćelijama do većih jedara u ćelijama germinativnog centra
- Nikad u kohezivnim grupama
- Udruženi sa *tingible body* makrofagima (folikularni cervicitis)

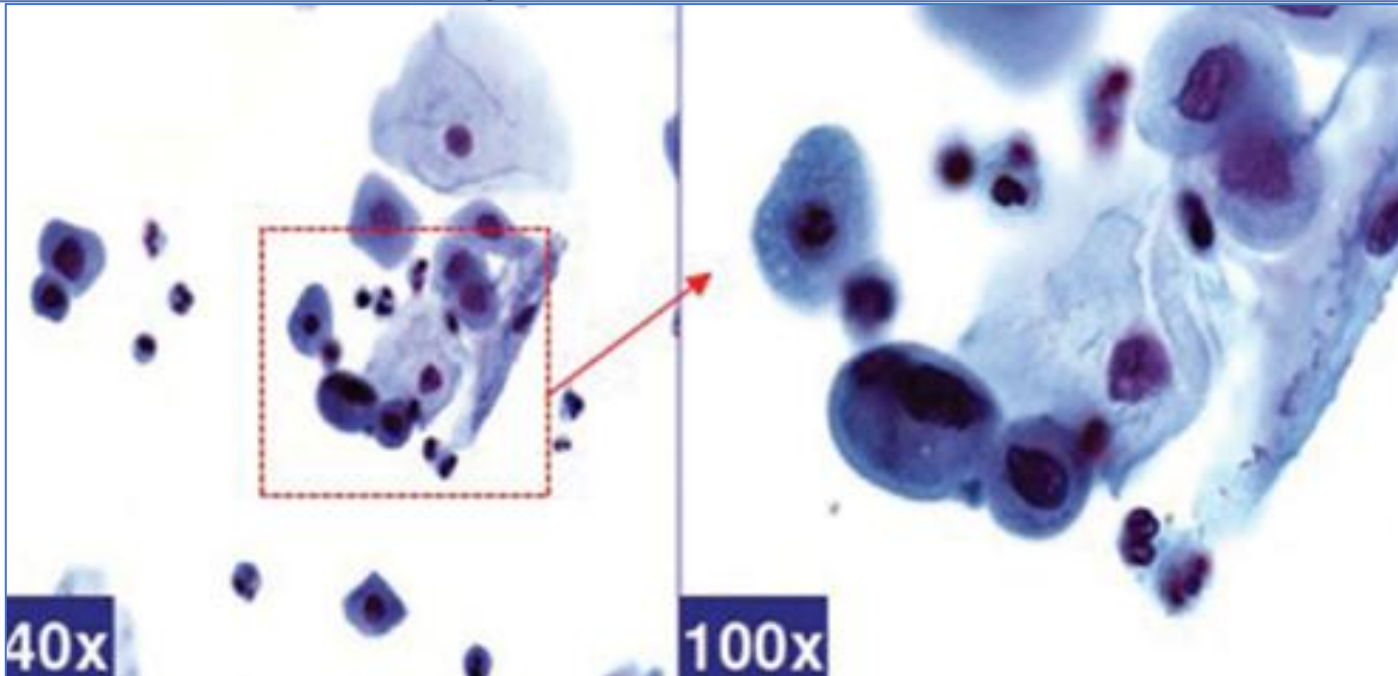


Decidualne stromalne ćelije



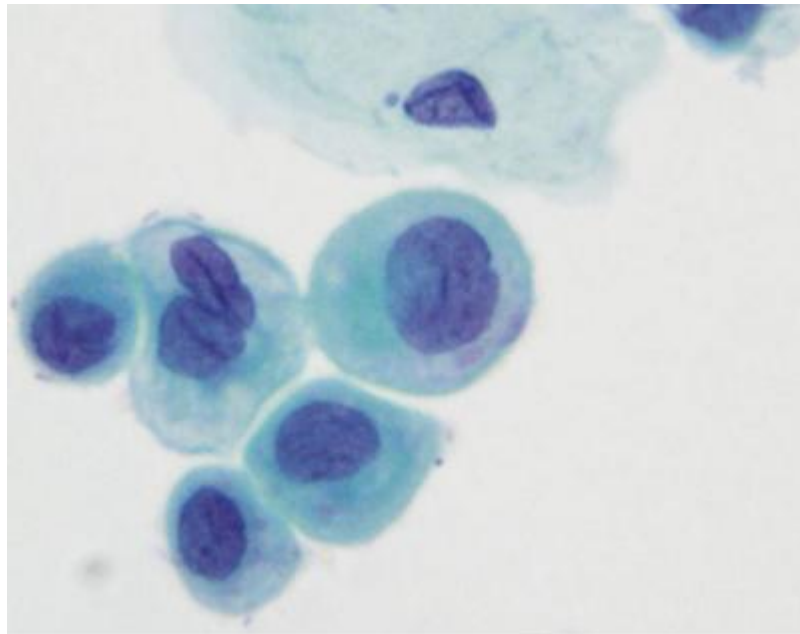
Atrofija

SCHEMATIC REPRESENTATION	DESCRIPTION
<p>Pattern# 3A</p> 	 <ul style="list-style-type: none">- Atrophic "Single-cell" pattern- Parabasal cells with abundant blue cytoplasm- Open chromatin- With subtle to obvious nucleoli



ASC-H

Sitne ćelije sa visokim N/C odnosom
("Atipična imaturna metaplazija")



4.7 Common ASC-H Patterns

4.7.1 Small Cells with High N/C Ratios ("Atypical Immature Metaplasia") (Figs. 4.20–4.26)

4.7.1.1 Criteria

Cells usually occur singly or in small groups of less than ten cells; occasionally, in conventional preparations, cells may "stream" in strands of mucus (Figs. 4.24 and 4.25).

Cells are the size of metaplastic cells with nuclei that are about 1.5–2.5 times larger than normal (Fig. 4.20).

Nuclear to cytoplasmic ratio may approximate that of HSIL (Figs. 4.21 and 4.22).

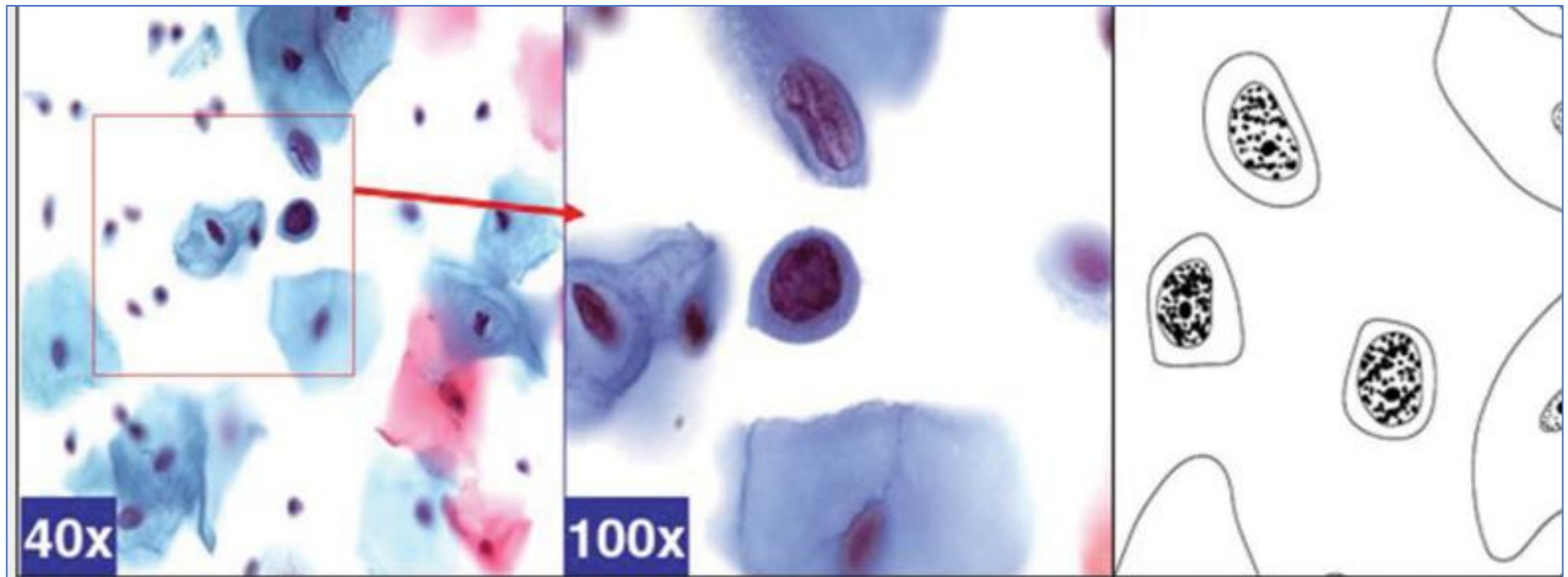
*ASC-H – male atipične ćelije su retke

*HSIL- male atipične ćelije brojne

Da li jedna lasta čini proleće?

Po Bethesda - DA

- **Identifikacija** izolovanih i retkih sitnih ćelija, hiperhromnog jedra, visokog n/c odnosa!!!
- **Interpretacija**-**HSIL**



Šaban Šaulić (1977)

- Jedna lasta ne čini proleće,



- * A ni jesen jedan uveli cvet....



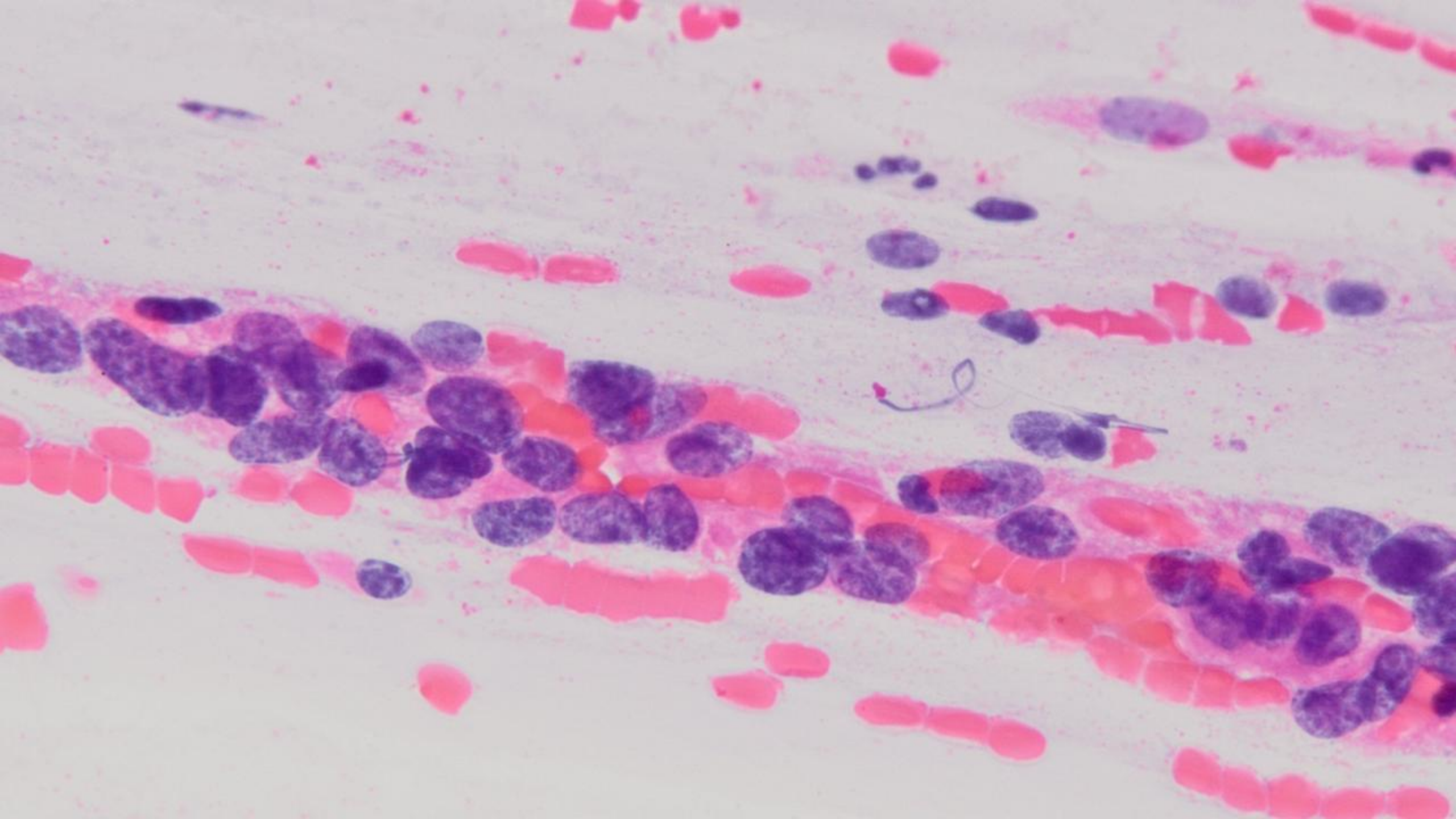
A ljubav je nemirna kao lasta, ode, dođe, pa opet nestane

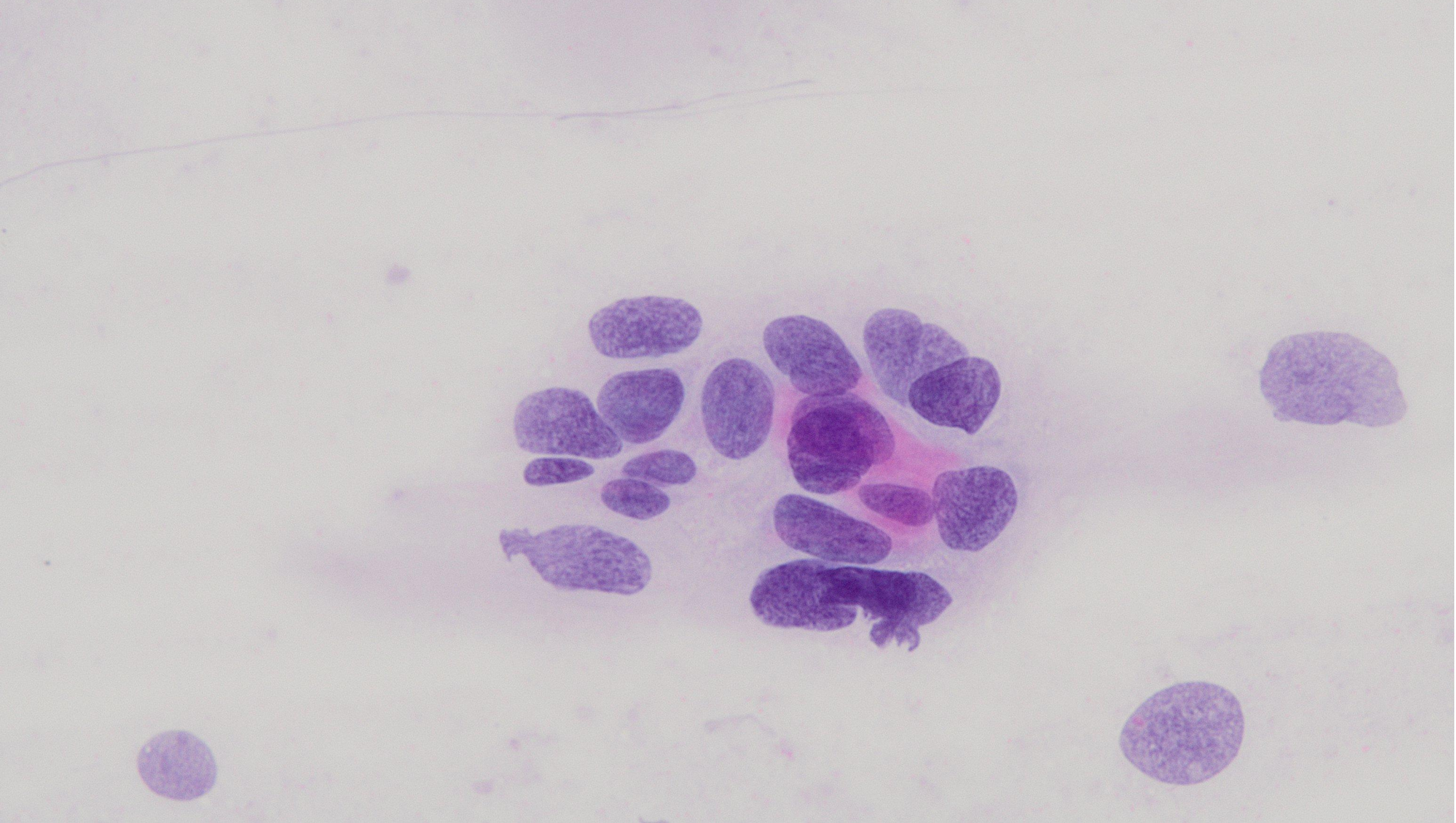
Kako izbeći lažno negativne nalaze

- Pažljivo analizirati celu pločicu
- Biti familijaran sa glavnim uzrocima lažne negativnosti
- Posebna pažnja na jedarne promene diskarioze
- Kontinuirana edukacija, mikroskopiranje i kontrola kvaliteta.

Da li vam se “golo” i „ogoljeno”
baš uvek dopada?

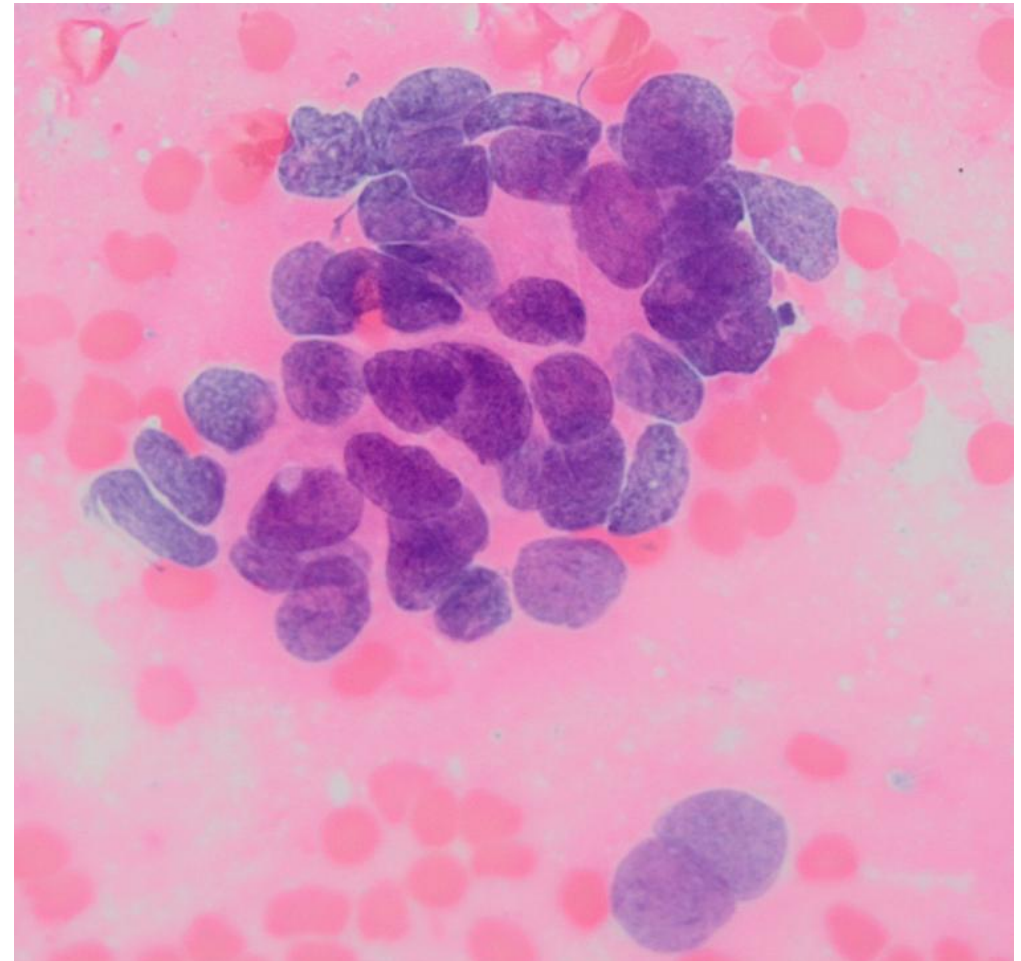
Slučaj 2. žena, godina 38 godina



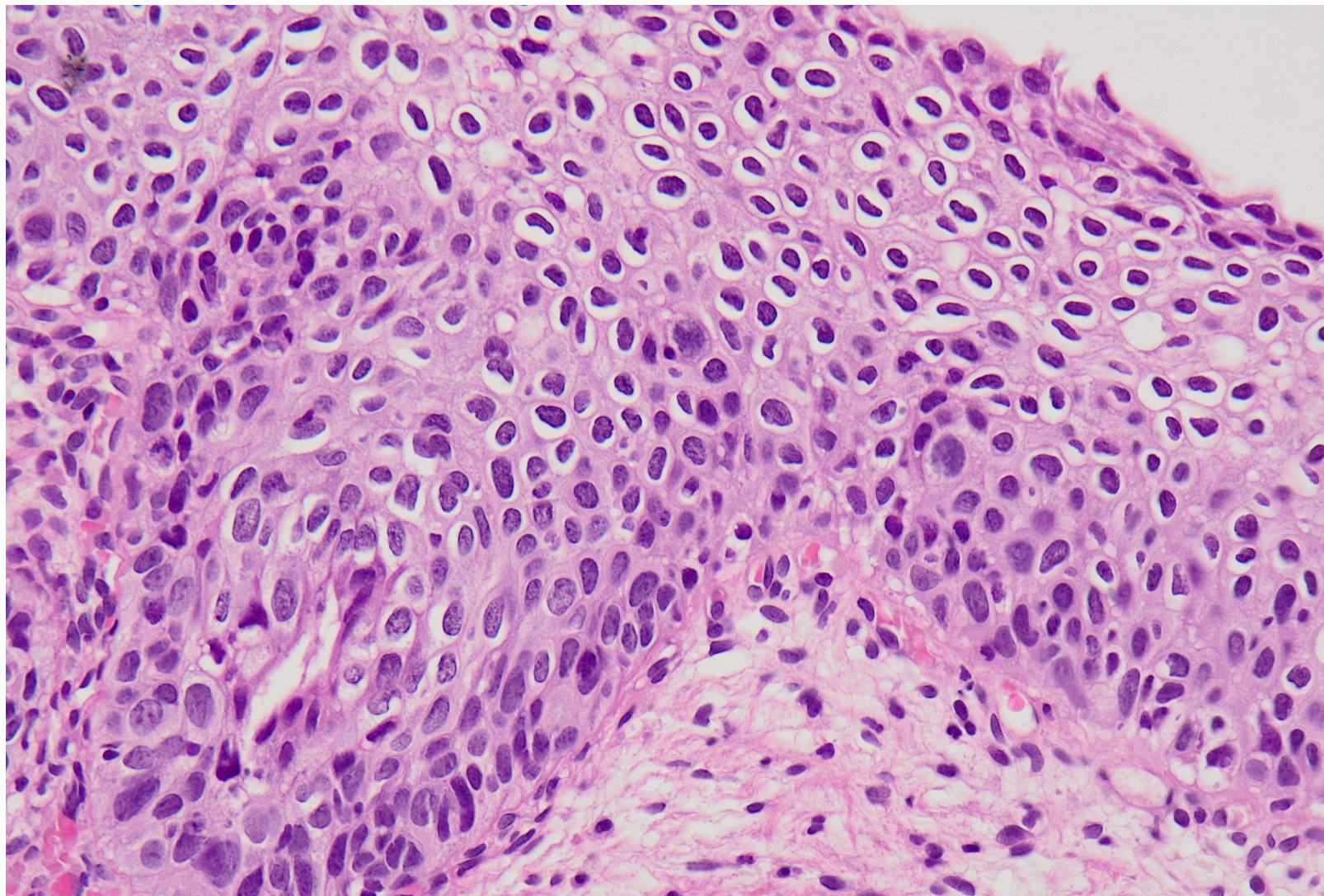


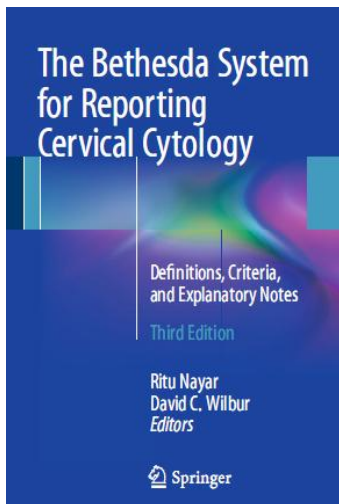
Vaša dijagnoza?

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- NILM, gola jedra endocervikalnih ili endometrijalnih ćelija
- ASC-H
- HSIL
- AGC-NOS



Biopsija grlića: HSIL



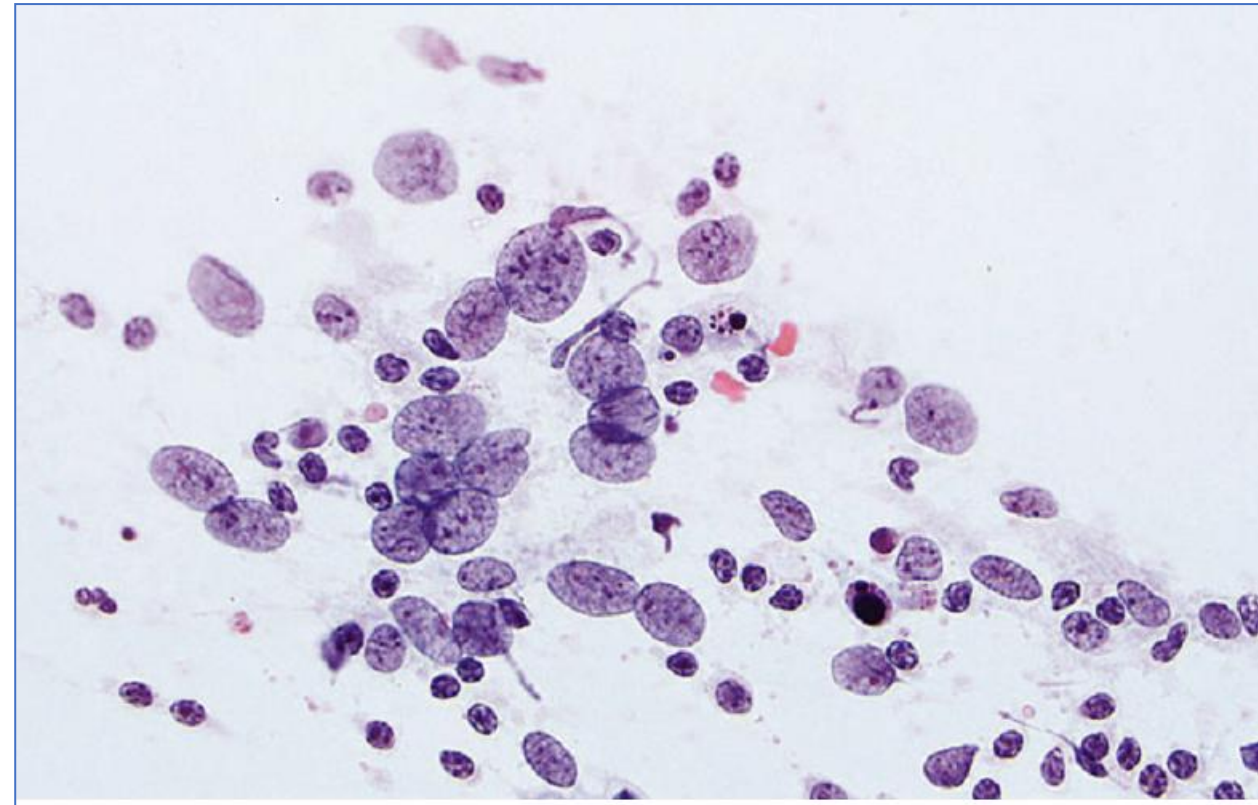
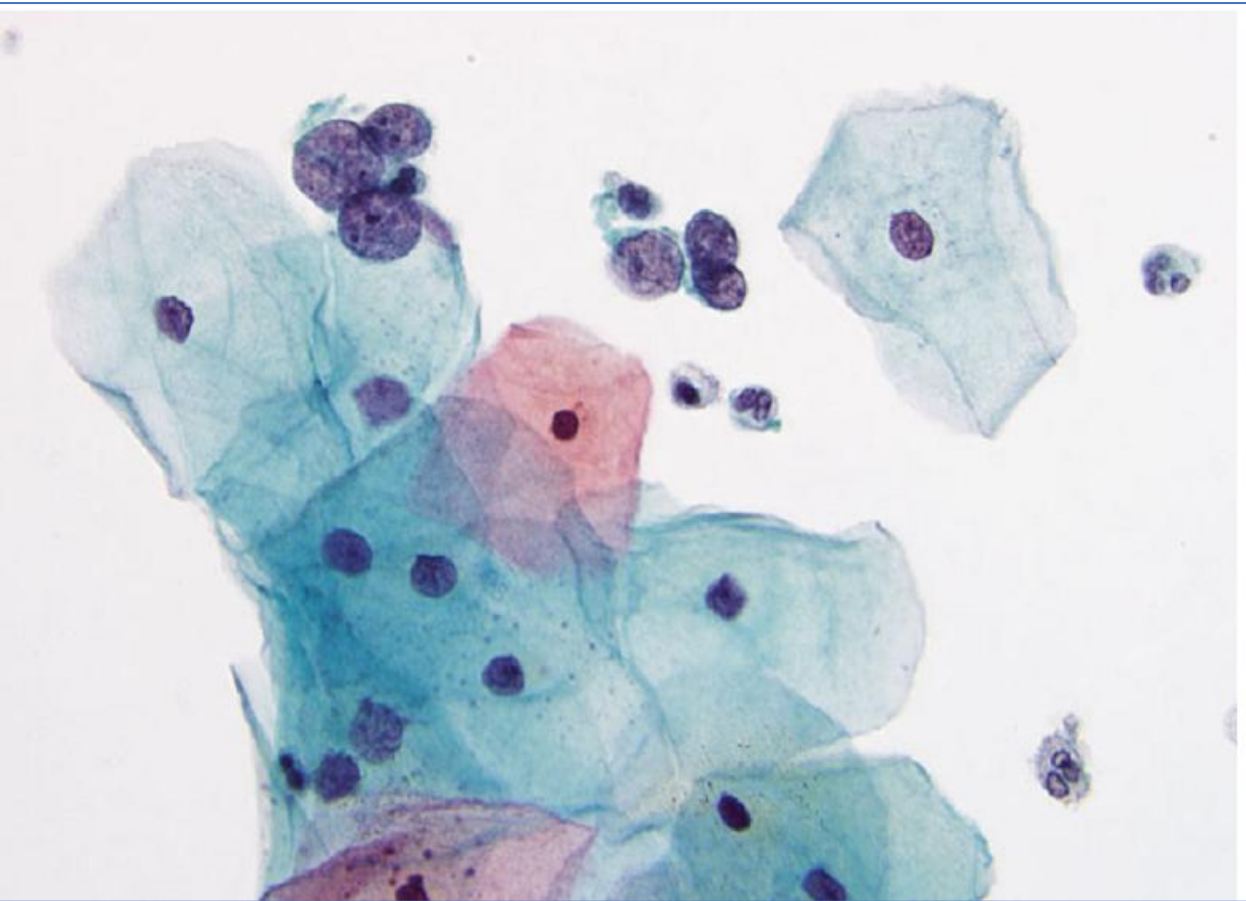


Problematicni paterni u HSIL

5.8.5 HSIL: Abnormal Stripped Nuclei (Figs. 5.22b, 5.38 and 5.39)

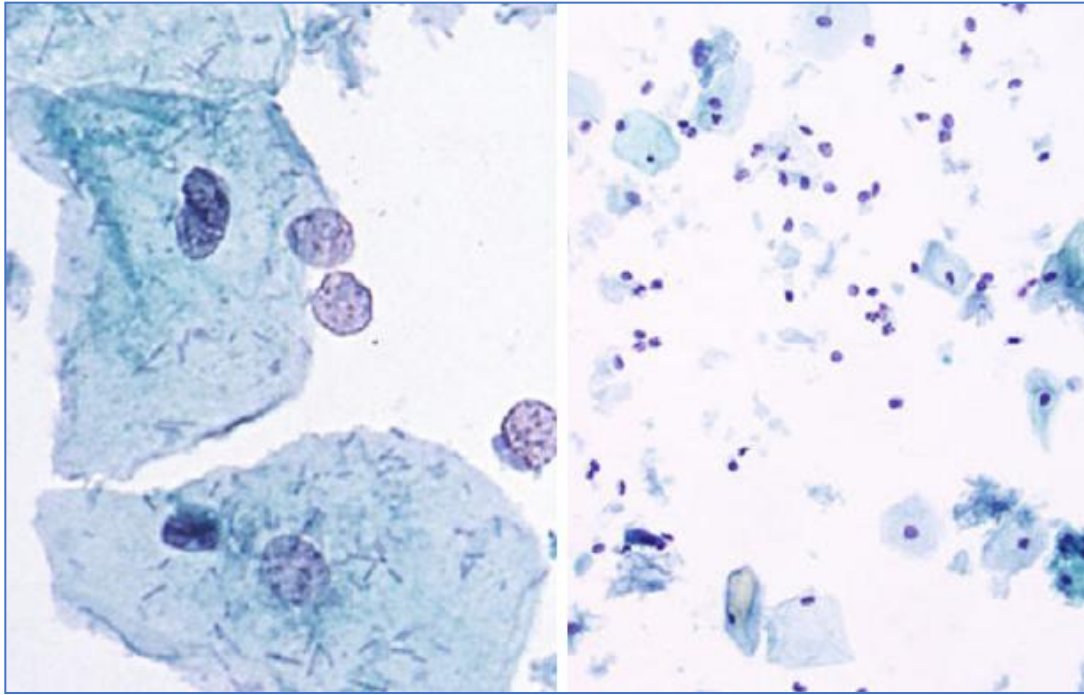
Stripped nuclei which are cytologically abnormal should be differentiated from those seen in cytolysis (Fig. 2.62) and the “small blue cells” seen in atrophy/tamoxifen therapy [32] (Fig. 3.7). The finding of abnormal stripped nuclei in a specimen should prompt a thorough review for more classic HSIL cells.

HSIL- abnormalna gola jedra

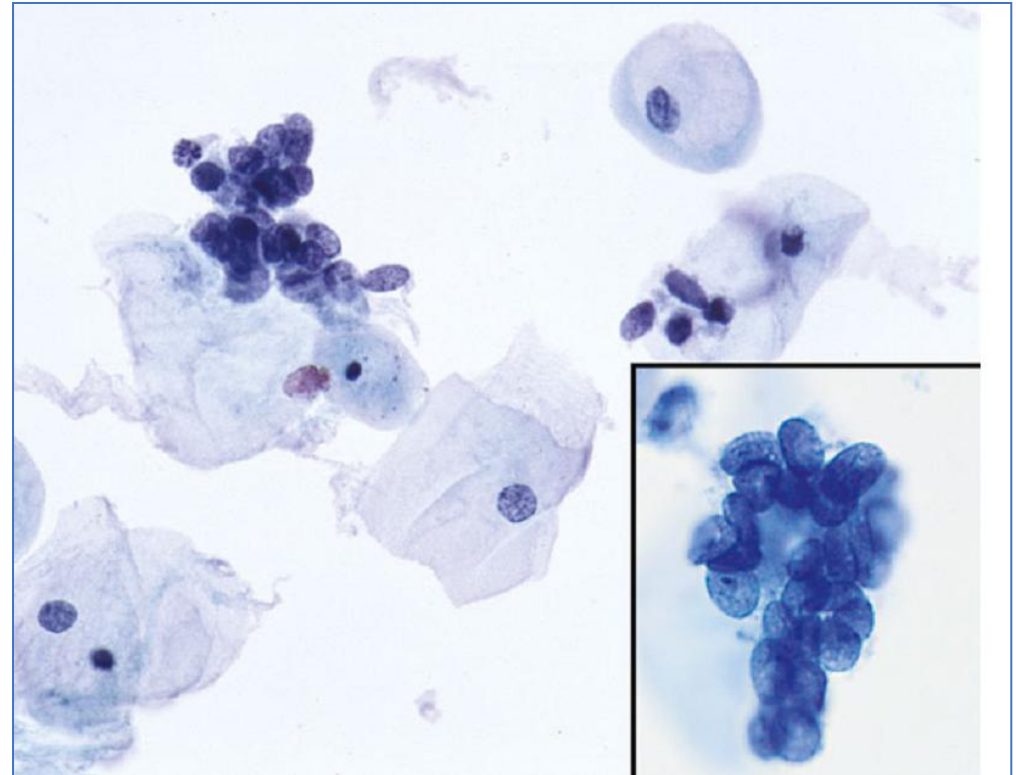


Diferencijalna dijagnoza

Gola jedra intermedijarnih ćelija u citolizi



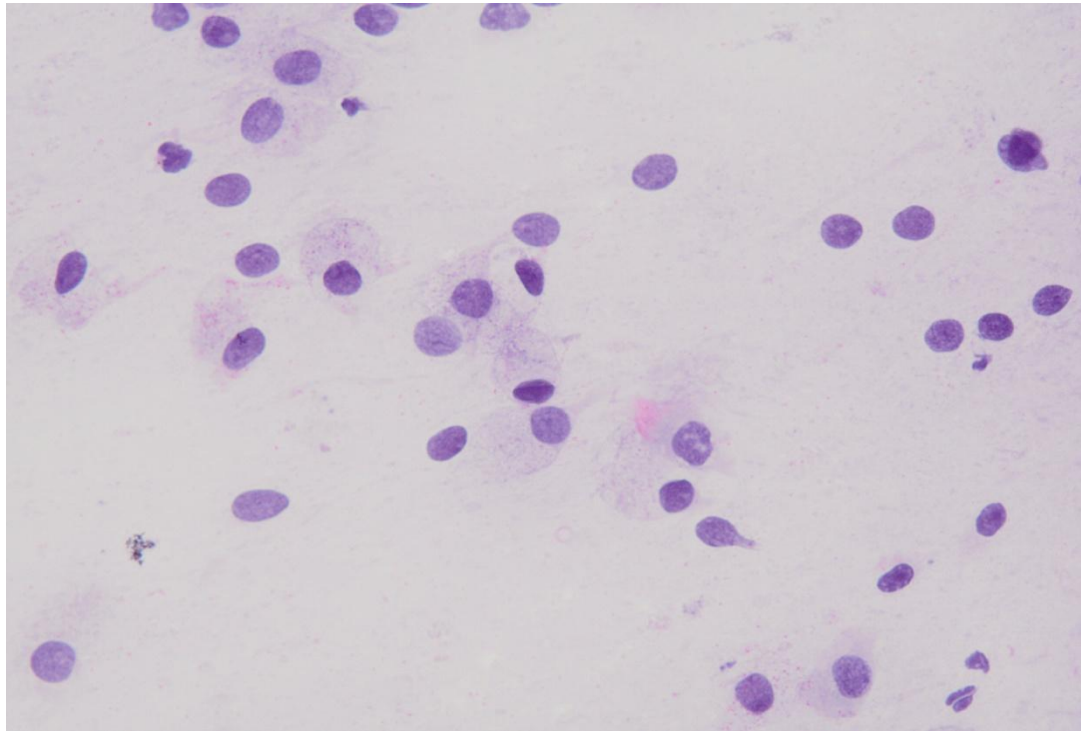
“Male plave ćelije” u klasterima



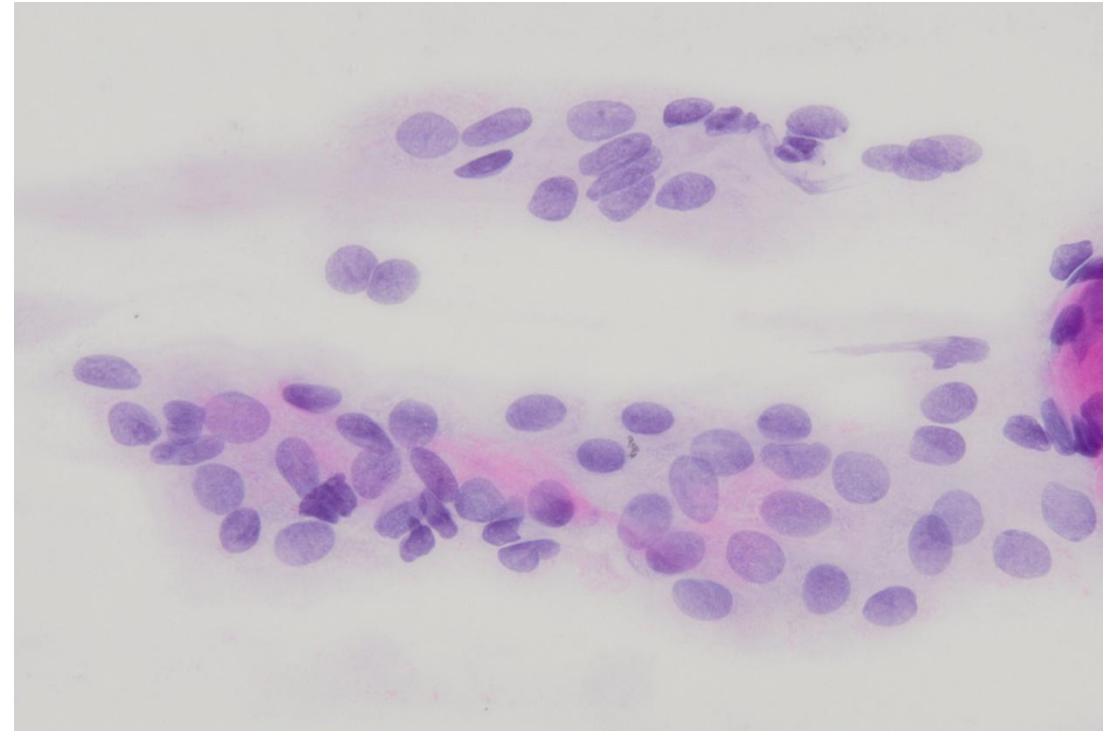
Gola jedra parabazalnih i rezervnih ćelija

Diferencijalna dijagnoza

Gola jedra endocervikalnih ćelija



Gola jedra pločastih ćelija u atrofiji

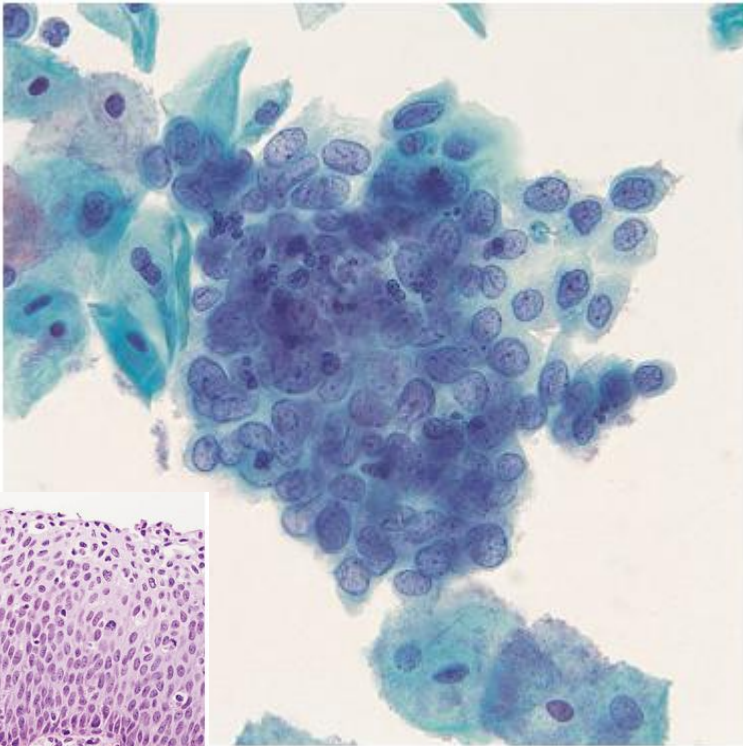


5.8. Problematični paterni u HSIL

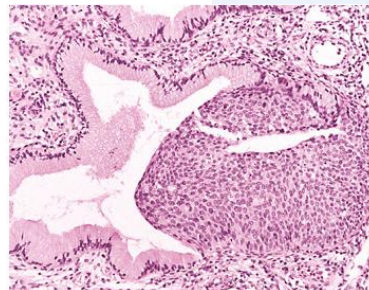
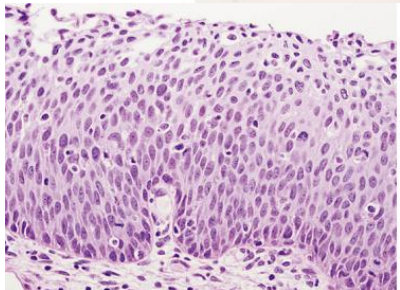
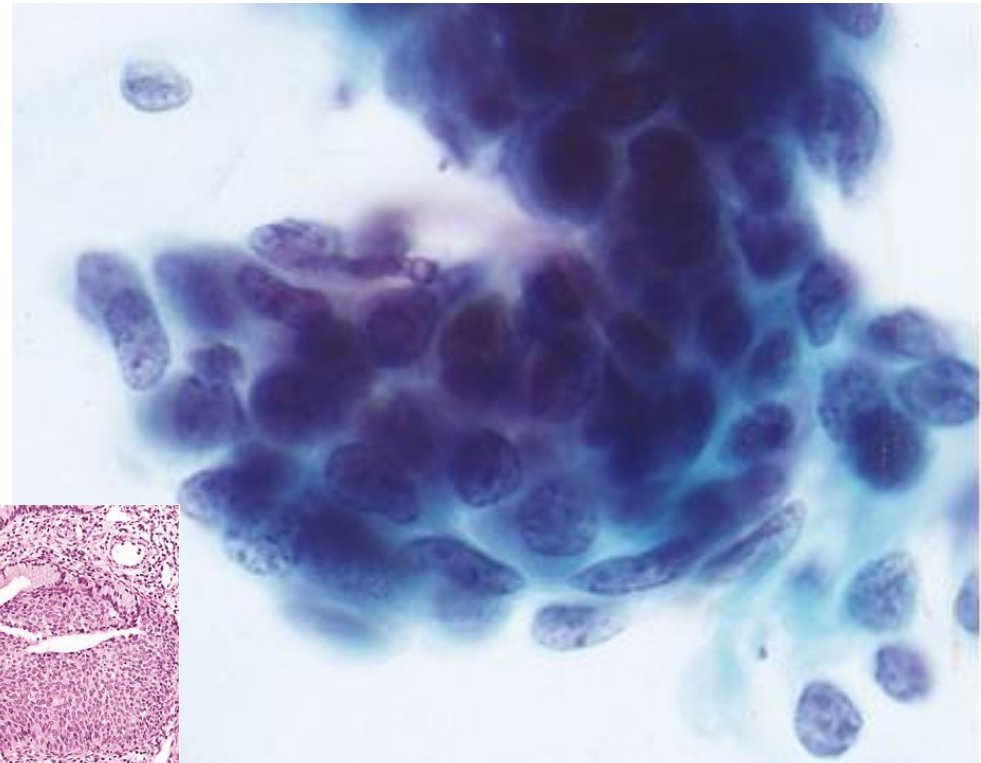
- 5.8.1. Sincicijalni agregati/hiperhromatične nagurane grupe
- 5.8.2. SIL sa zahvatanjem endocervikalnih žlezda
- 5.8.3. HSIL: patern koji liči na endometrijalne ćelije i reparaciju
- 5.8.4. Pojedinačne i retke male HSIL ćelije
- 5.8.5. HSIL: abnormalna gola jedra
- 5.8.6. Nizovi HSIL ćelija, obično sa mucinom
- 5.8.7. Orožavajuća *high grade* lezija
- 5.8.8. HSIL u atrofiji
- 5.8.9. LSIL sa slikom sugestivnom na prisustvo konkurentnog HSIL

5.8. Problematični paterni u HSIL

- Sincicijalni agregati/hiperhromatične nagurane grupe

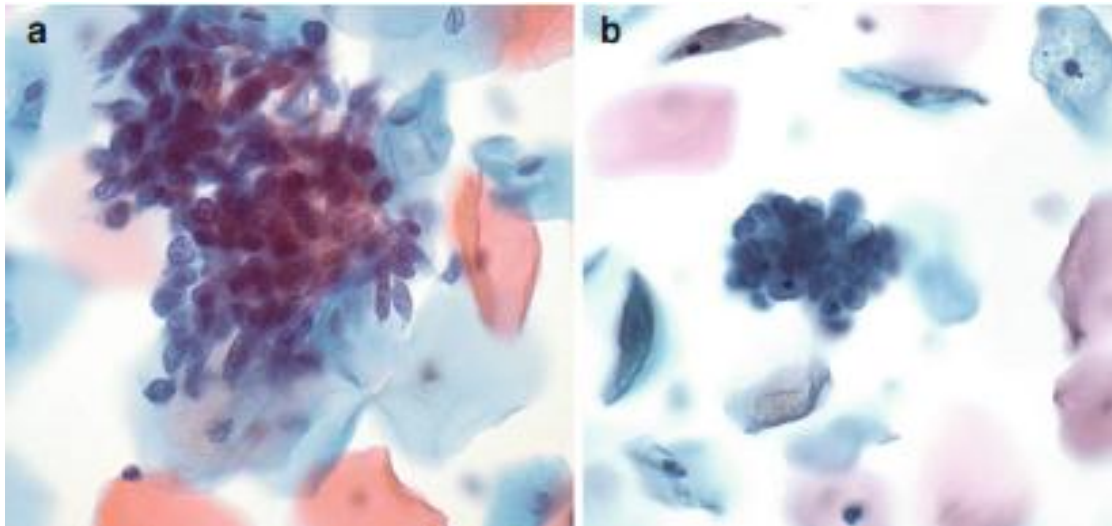


- HSIL sa zahvatanjem endocervikalnih žlezda

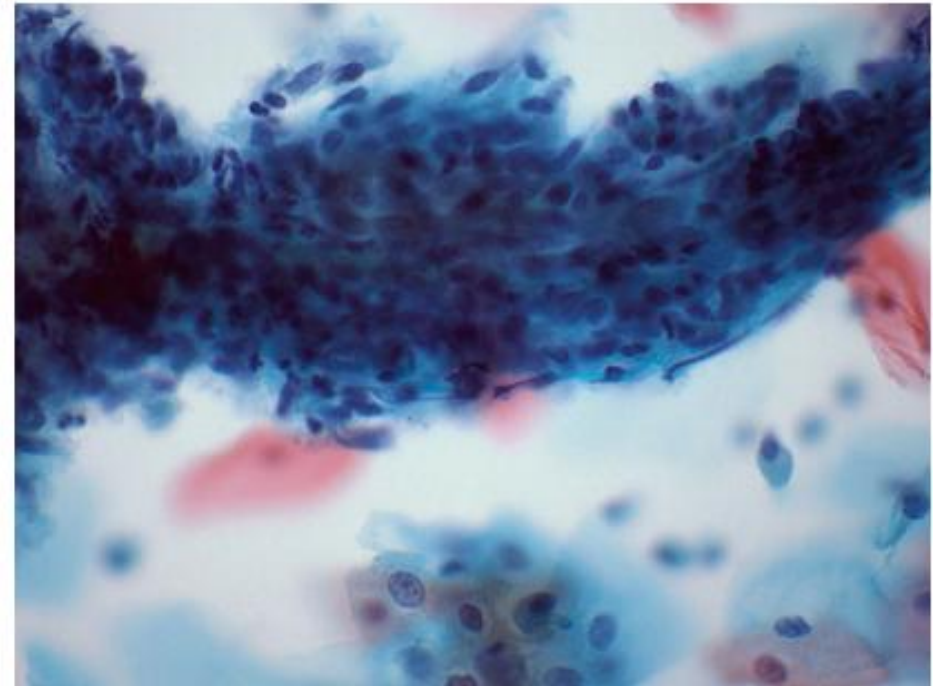


5.8. Problematični paterni u HSIL

- HSIL: patern koji liči na endometrijalne ćelije

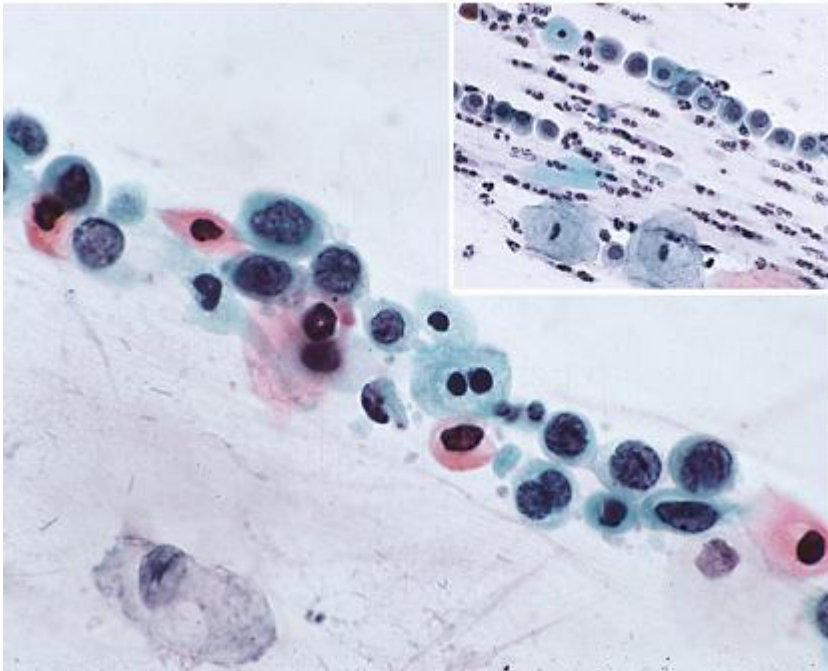


- HSIL: patern koji liči na skvamozne reparatorne ćelije

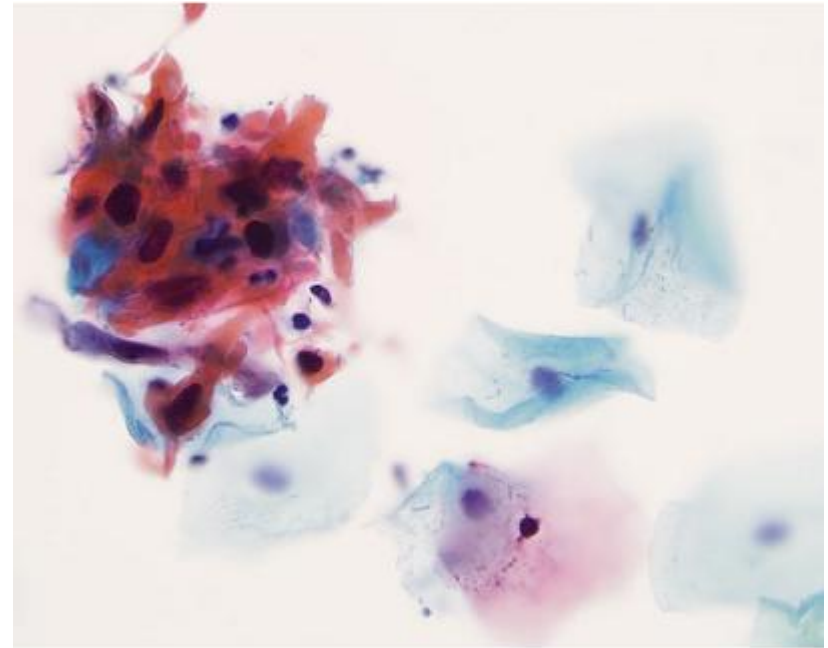


5.8. Problematični paterni u HSIL

- Nizovi HSIL ćelija, obično sa mucinom

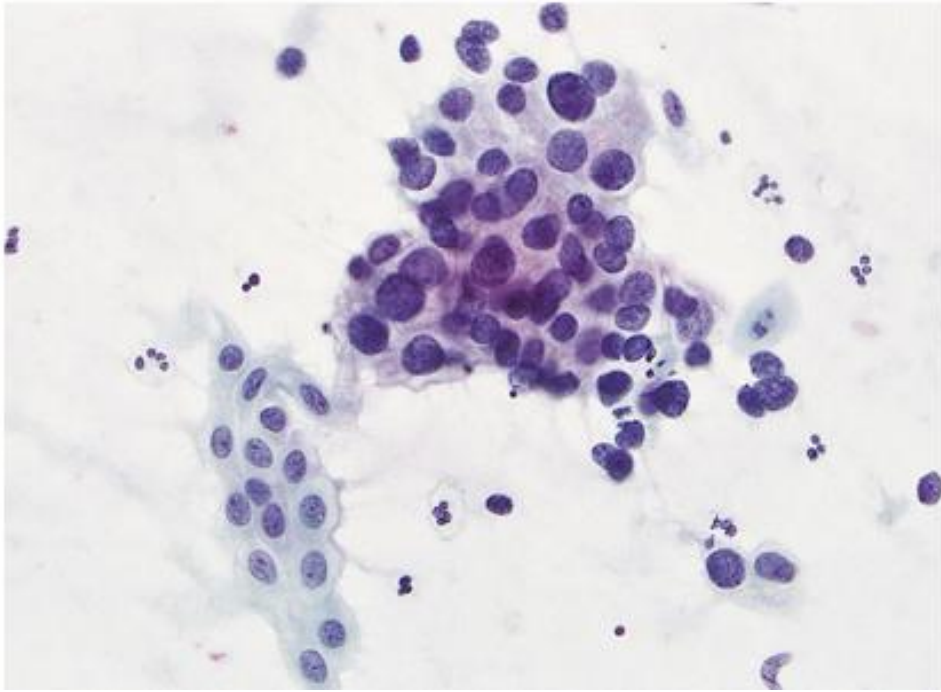


- Orožavajuća HSIL

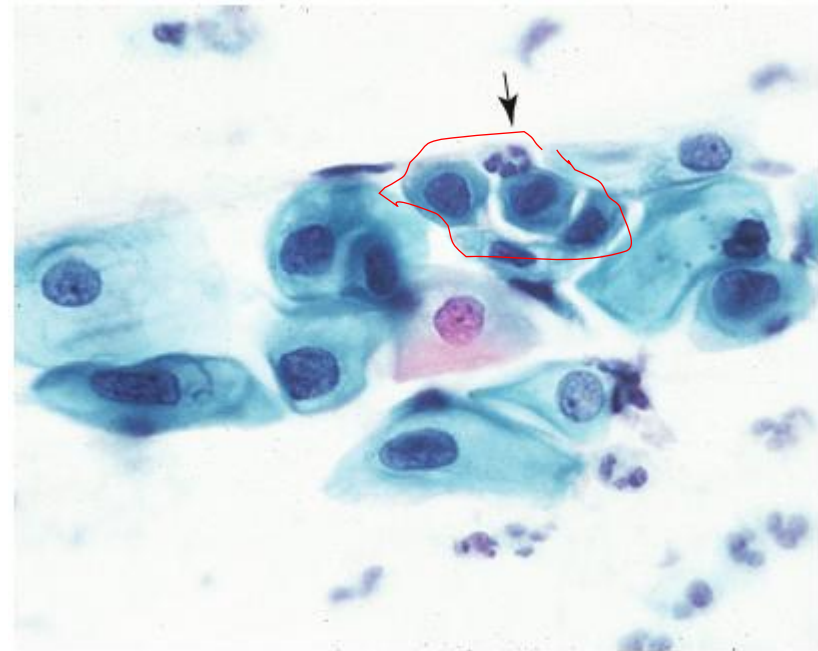


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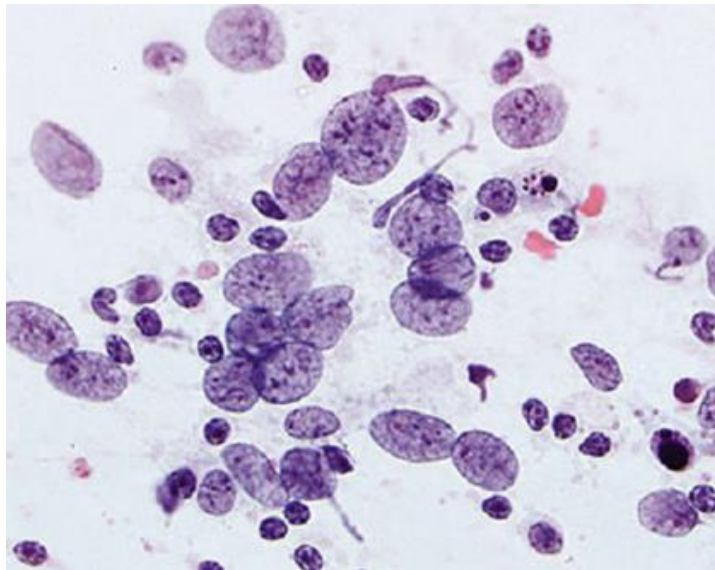
- HSIL u atrofiji



- LSIL sa slikom sugestivnom na prisustvo konkurentnog HSIL



Da li vam se “golo”i „ogoljeno“
baš uvek dopada?



ZAVISI



Đurđevak, nastao od Evinih suza, čuva srce, donosi ljubav i sreću.

Hvala na pažnji!

