



COLLEGE of AMERICAN
PATHOLOGISTS



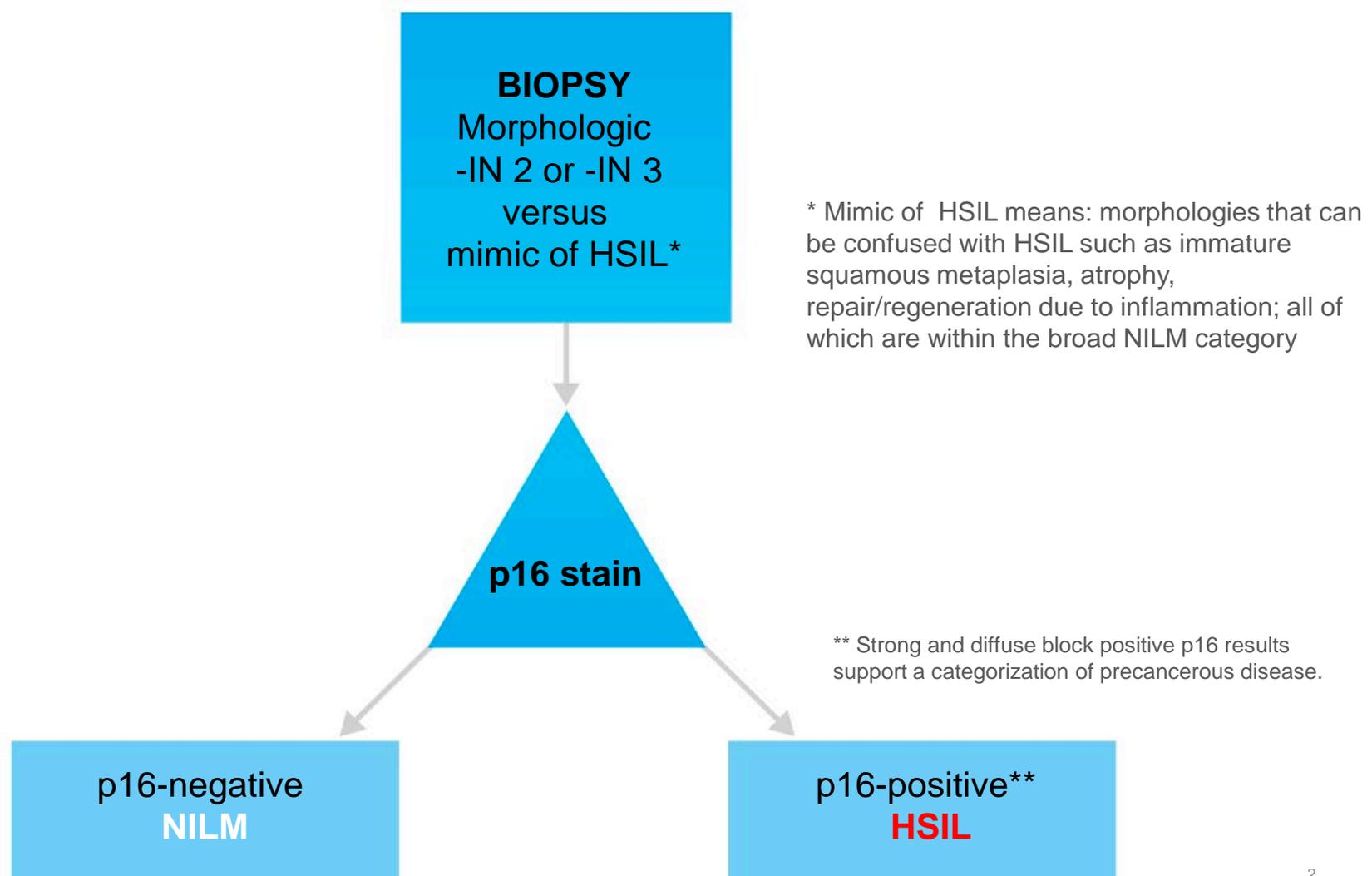
CAP-ASCCP Lower Anogenital Squamous Terminology (LAST) Standardization Project

Biomarkers in HPV-Associated Lower
Anogenital Squamous Lesions

Algorithms

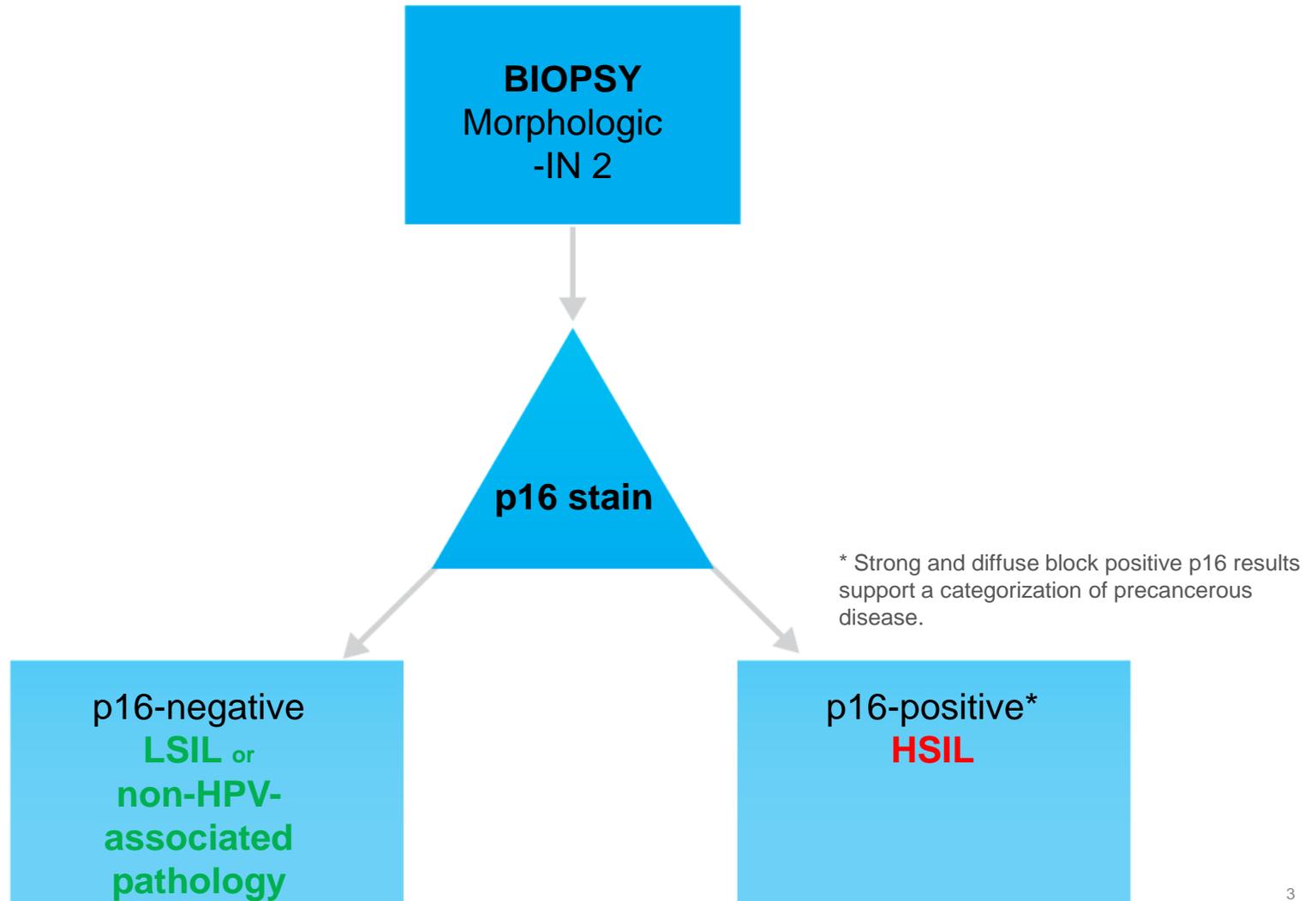
Biomarkers in HPV-Associated Lower Anogenital Squamous Lesions

Recommendation 1



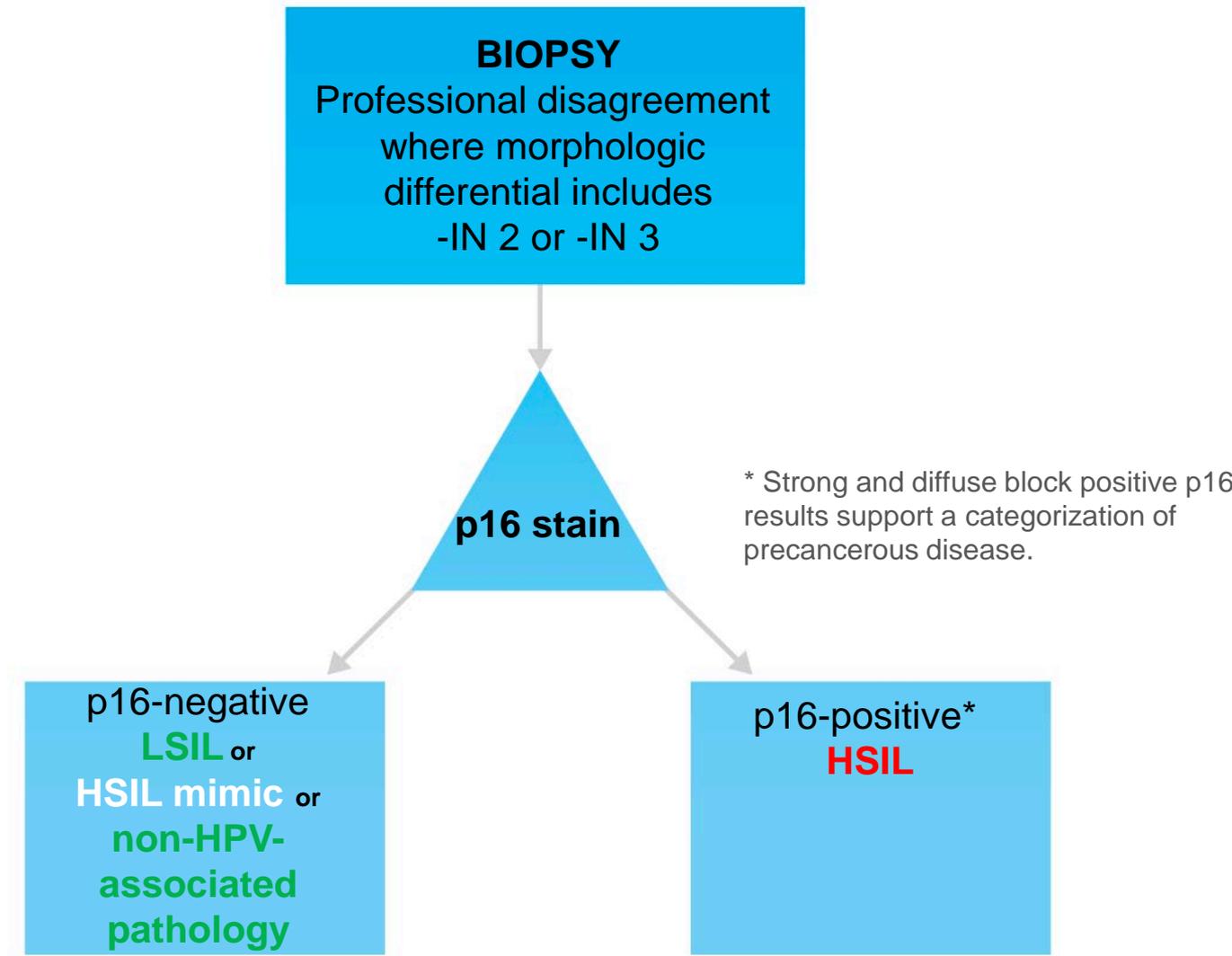
Biomarkers in HPV-Associated Lower Anogenital Squamous Lesions

Recommendation 2



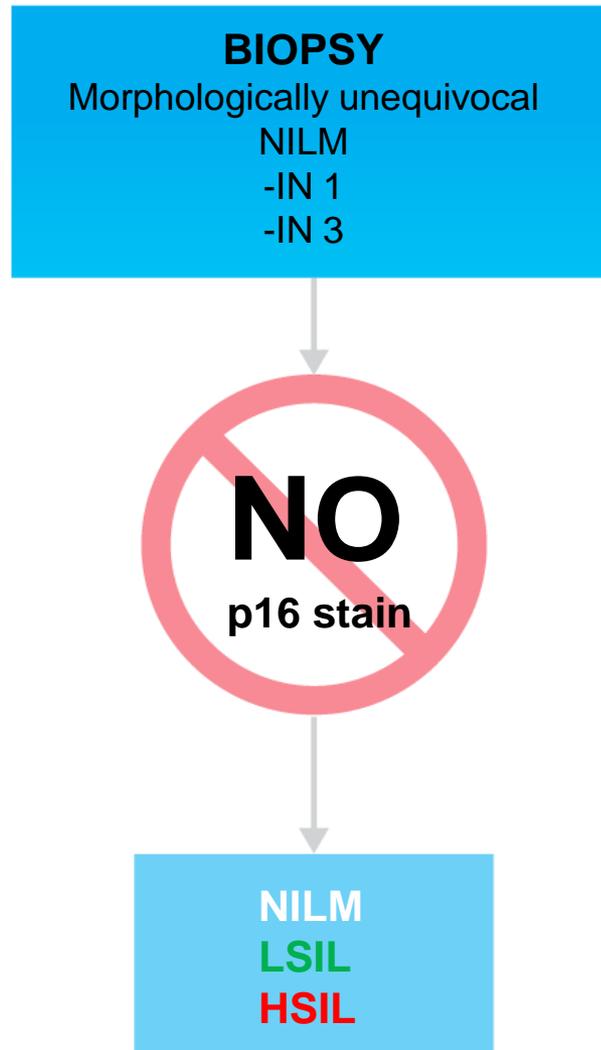
Biomarkers in HPV-Associated Lower Anogenital Squamous Lesions

Recommendation 3



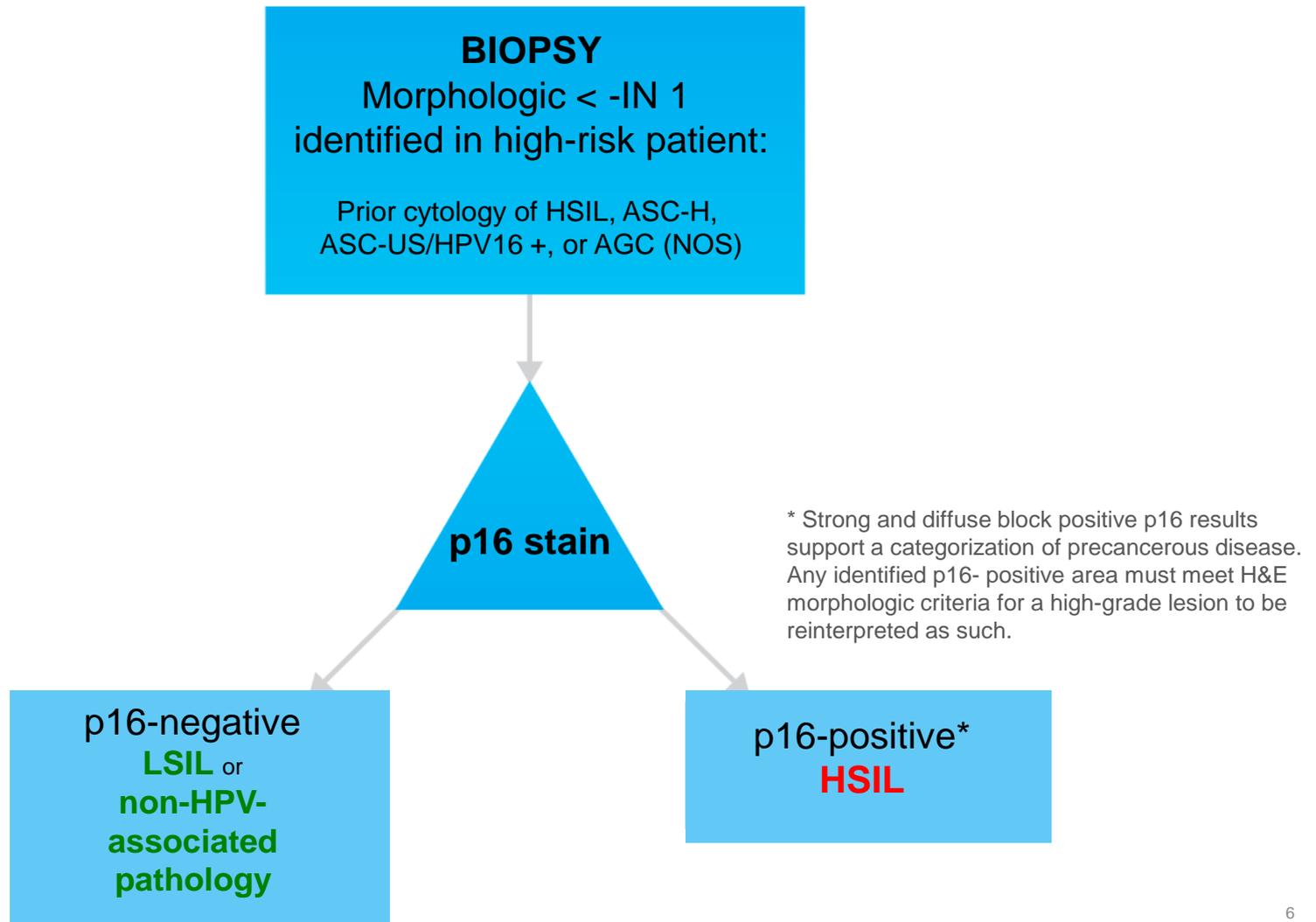
Biomarkers in HPV-Associated Lower Anogenital Squamous Lesions

Recommendation 4

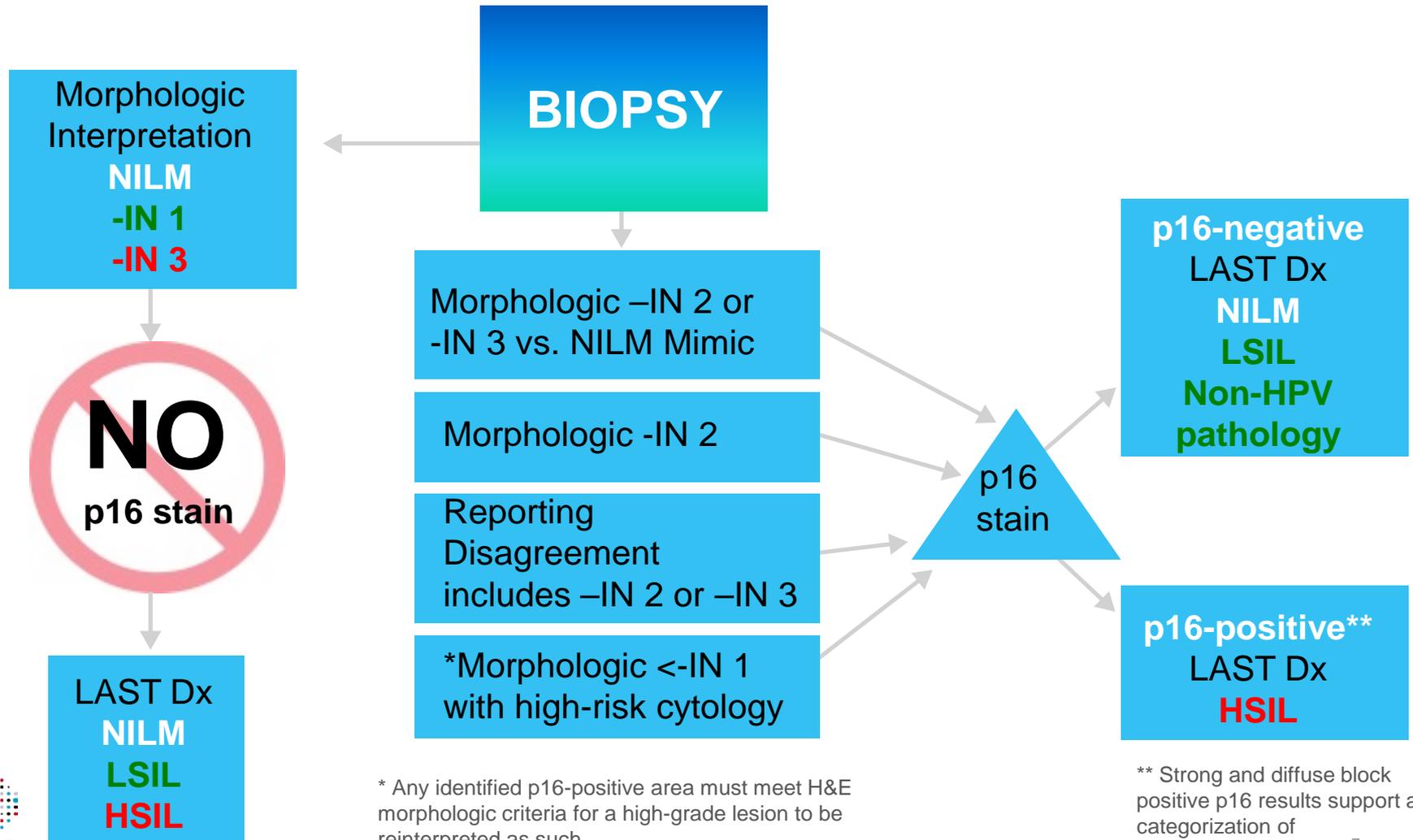


Biomarkers in HPV-Associated Lower Anogenital Squamous Lesions

Recommendation 4a



Summary of Algorithms for Management of Biopsy Results with LAST Terminology



* Any identified p16-positive area must meet H&E morphologic criteria for a high-grade lesion to be reinterpreted as such.

** Strong and diffuse block positive p16 results support a categorization of precancerous disease.⁷

Biomarkers in HPV-Associated Lower Anogenital Squamous Lesions

Abbreviations

AGC(NOS): Atypical Glandular Cells—Not Otherwise Specified

ASC-H: Atypical Squamous Cells—cannot exclude HSIL

ASC-US: Atypical Squamous Cells—Undetermined Significance

H&E: Hematoxylin and Eosin

HSIL: High-Grade Squamous Intraepithelial Lesion

LSIL: Low-Grade Squamous Intraepithelial Lesion

NILM: Negative for Intraepithelial Lesion or Malignancy



Biomarkers in HPV-Associated Lower Anogenital Squamous Lesions

Reference

The Lower Anogenital Squamous Terminology Standardization Project for HPV-Associated Lesions: Background and Consensus Recommendations from the College of American Pathologists and the American Society of Colposcopy and Cervical Pathology

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Reference:

[Darragh TM, Colgan TJ, Cox JT et al. The Lower Anogenital Squamous Terminology Standardization Project for HPV-Associated Lesions: Background and Consensus Recommendations from the College of American Pathologists and the American Society for Colposcopy and Cervical Pathology. Archives of Pathology & Laboratory Medicine, Vol. 136, No. 10, October 2012: 1266-1297.](#)

[Darragh TM, Colgan TJ, Cox JT, Heller DS, Henry MR, Luff RD, et al. The Lower Anogenital Squamous Terminology Standardization Project for HPV-associated Lesions: Background and Consensus Recommendations from the College of American Pathologists and the American Society for Colposcopy and Cervical Pathology. Journal of Lower Genital Tract Disease. 2012;16:205-42](#)



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