Screening for Anal Dysplasia and Cancer in Adults With HIV

August 2022

FIGURE: Follow-Up of Anal Cytologic Screening Results [a]

- **Anal cytologic screening (anal Pap test and clinical assessment) [b]**
  - **Normal cytology**
    - Annual anal cytology
  - **ASC-US**
    - Reflex high-risk HPV testing, if available, on ASC-US specimen OR Perform anal HPV testing on follow-up visit within 6 months
      - HPV (-) or not available
        - Perform HRA with biopsy
          - Normal histology or no biopsy indicated. Follow up 1 year later with HRA
          - LSIL: Follow up 1 year later with HRA. Stop HRA after 2 normal results and continue with annual assessment and anal cytology
          - HSIL: Treat and follow up every 6 months with HRA. Stop HRA after 2 normal results and continue with annual assessment and anal cytology

**Abbreviations:** ASC-US, atypical squamous cells of undetermined significance; HPV, human papillomavirus; HRA, high resolution anoscopy; HSIL, high-grade squamous intraepithelial lesion; LSIL, low-grade squamous intraepithelial lesion.

**Notes:**
- a. The figure describes recommended screening and follow-up for the following individuals with HIV who are ≥35 years old: men who have sex with men, women, transgender men, and transgender women.
- b. Continued annual clinical assessment and anal cytology, with annual HRA, is recommended for patients with a history of HSILs as long as life expectancy exceeds 10 years.