Cervical screening: colposcopy and programme management

Cervical screening protocol

Baseline

- hpv negative
  - routine recall
  - hrHPV positive
    - cytology negative
    - re-screen in 12 months
    - cytology abnormal
      - colposcopy referral
  - cytology negative
  - hrHPV negative
    - cytology negative
    - re-screen in 12 months
    - hrHPV positive
      - cytology abnormal
        - colposcopy referral
    - cytology abnormal
      - colposcopy referral
    - hrHPV positive cytology negative, inadequate or abnormal
      - colposcopy referral

12 months

- hpv negative
  - routine recall
  - hrHPV positive
    - cytology negative
    - re-screen in 12 months
    - cytology abnormal
      - colposcopy referral
  - cytology negative
  - hrHPV negative
    - cytology negative
    - re-screen in 12 months
    - hrHPV positive
      - cytology abnormal
        - colposcopy referral
    - cytology abnormal
      - colposcopy referral
    - hrHPV positive cytology negative, inadequate or abnormal
      - colposcopy referral

hrHPV: high-risk Human Papilloma Virus
Cytology: cell examination of cervical tissue
Colposcopy: examination of the cervix under a special magnifying lens
Routine recall: scheduled screening at regular intervals
Re-screen in 12 months: screening after 12 months
Cervical screening colposcopy management recommendations

Colposcopy examination

Inadequate

Index hrHPV positive cytology ≤low grade*

Repeat colposcopy in 12 months

Index hrHPV positive/cytology ≥high grade or borderline (endocervical)

LLETZ

Inadequate consider LLETZ patient choice

Adequate

No CIN on biopsy, no biopsy or no colposcopic impression of CIN

Recall in 36 months

Index hrHPV positive/cytology ≤low grade*

Recall in 36 months

Index hrHPV positive/cytology ≥high grade or borderline (endocervical)

Discuss at MDT within 2 months

Index hrHPV positive/cytology ≥high grade or borderline (endocervical)

Manage according to 'abnormal colposcopy examination' (see below)

Abnormal biopsy CIN1+ or colposcopic impression of CIN1 (no biopsy)

*excludes borderline change in endocervical cells
Cervical screening: colposcopy and programme management

Colposcopy examination

Abnormal

- CIN1 on biopsy or colposcopic impression**
  - Recall in 12 months
    - hrHPV negative
      - Recall in 36 months
      - hrHPV positive
    - hrHPV positive
      - Recall in 36 months
  - Cytology negative
    - Recall in 12 months
    - hrHPV negative
    - hrHPV positive
  - Cytology abnormal
    - Recall in 6 months
    - hrHPV negative
    - hrHPV positive

≥CIN2

- Treatment
  - Recall in 6 months
    - hrHPV negative
    - hrHPV positive

CGIN*

- Treatment
  - Recall in 6 months
    - hrHPV negative
    - hrHPV positive

hrHPV negative or inadequate
- Recall to colposcopy
  - If normal colposcopy - Recall in 12 months
    - hrHPV negative
    - hrHPV positive

hrHPV positive
- Recall in 12 months
  - hrHPV negative
  - hrHPV positive

*Individuals who have been adequately treated (complete excision margins) for CGIN or SMILE
**This pathway only applies to individuals referred with low grade cytology or HPV positive / cytology negative referrals
For management of incompletely excised CGIN or SMILE and Ia1 cervical cancer refer to chapter 4