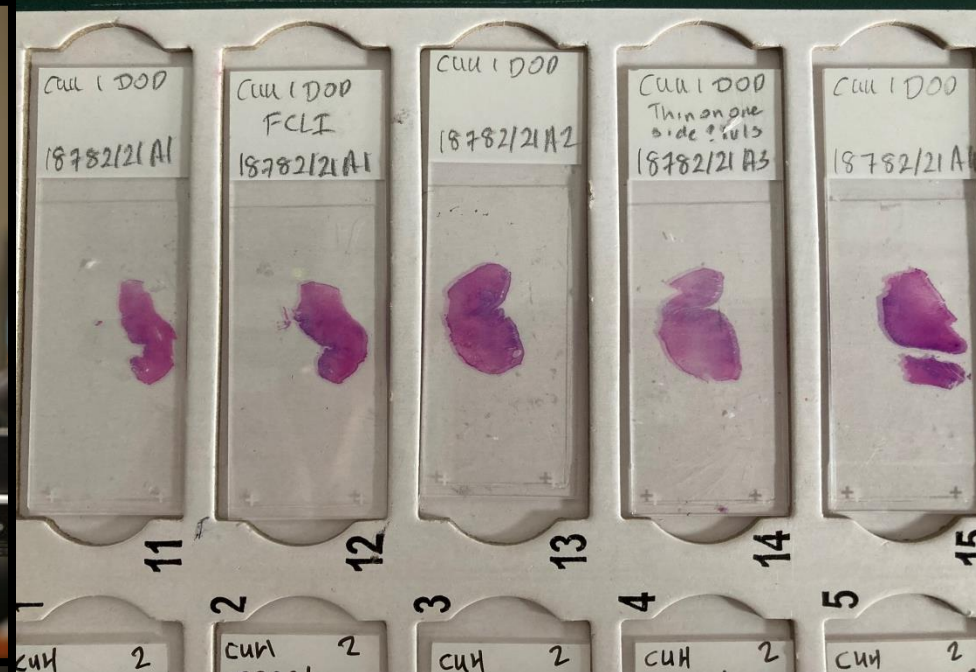


Working as a Histopathologist in the Cervical Check Programme

Dr Niamh Conlon

Consultant Histopathologist

Cork University Hospital



Cork University Hospital Histopathology Department

Cervical pathology Service

	2018	2019	2020
Cervical Bx	1601	2589	2527
Cervical LLETZ	403	584	433

Provide service to colposcopic service at St Finbar's Hospital, CUMH, and University Hospital Kerry

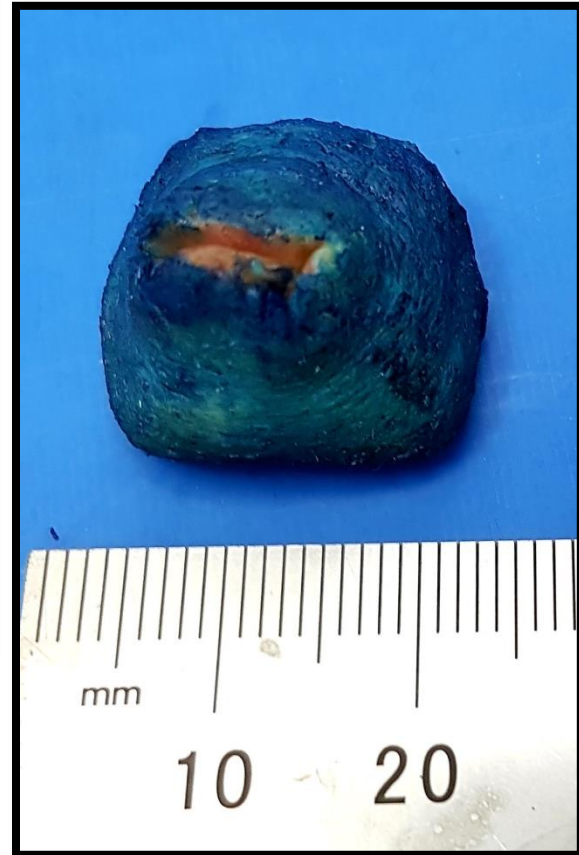
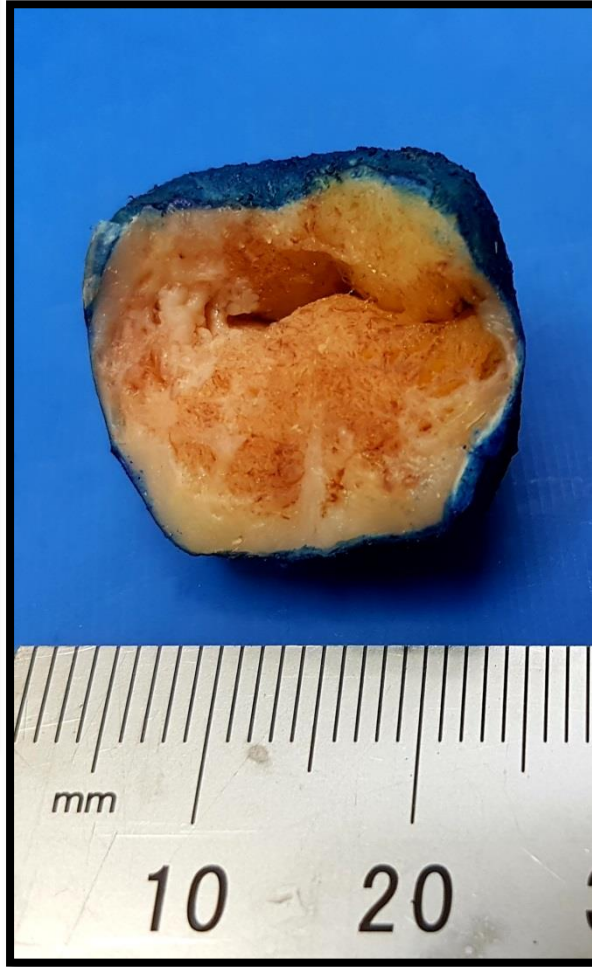
Team of 5 histopathologists signing out cases

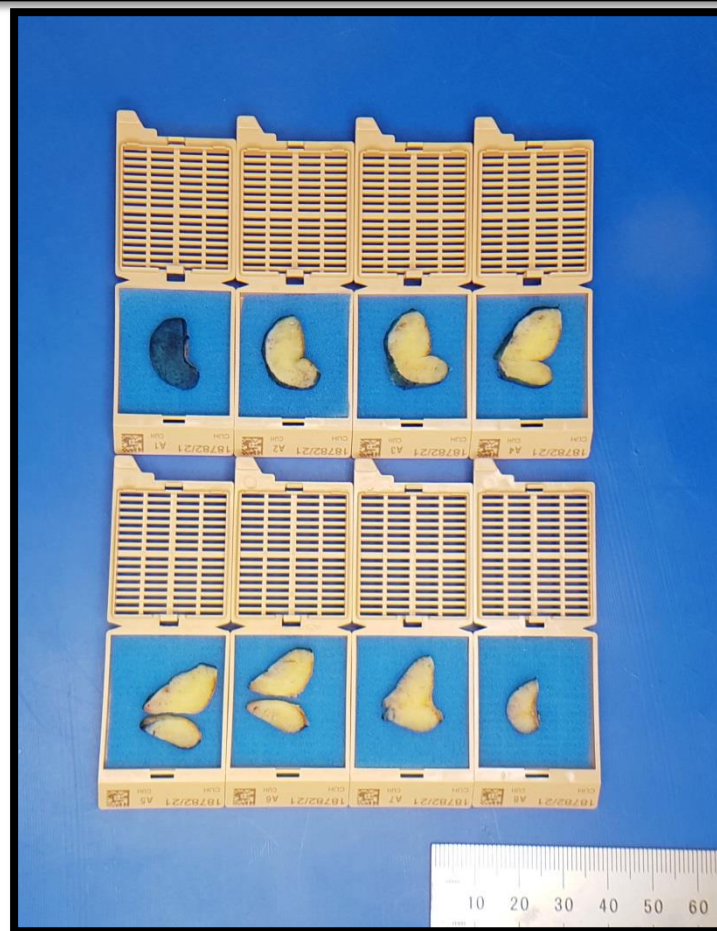
Regular MDT meetings

Teaching sessions with those training in colposcopy

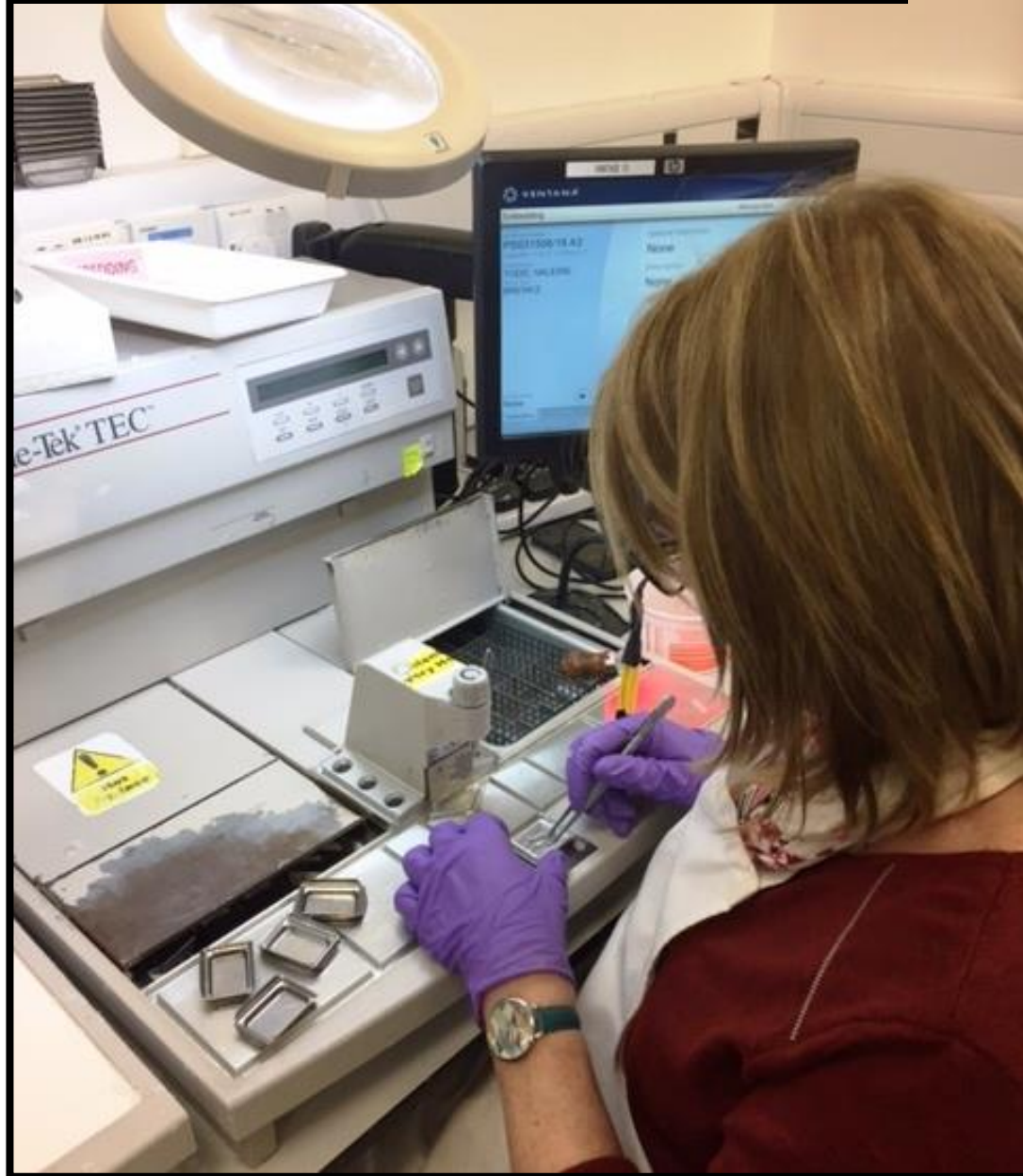
Colposcopic Specimen processing in the Histopathology Lab

Cervical LLETZ





EMBEDDING STATION: PARAFFIN EMBEDDED



Post embedding: FFPE blocks



MICROTOME: SECTIONING (4μ THICK SECTIONS)



H&E STAINING: AUTOMATED STAINER



Cull 1 DOD

18782/21A1

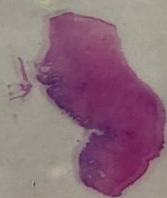


11

Cull 1 DOD

FCL

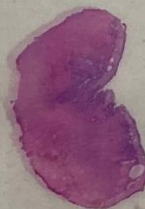
18782/21A1



12

Cull 1 DOD

18782/21A2

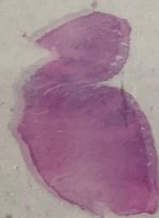


13

Cull 1 DOD

Thin on one
side of lvs

18782/21A3



14

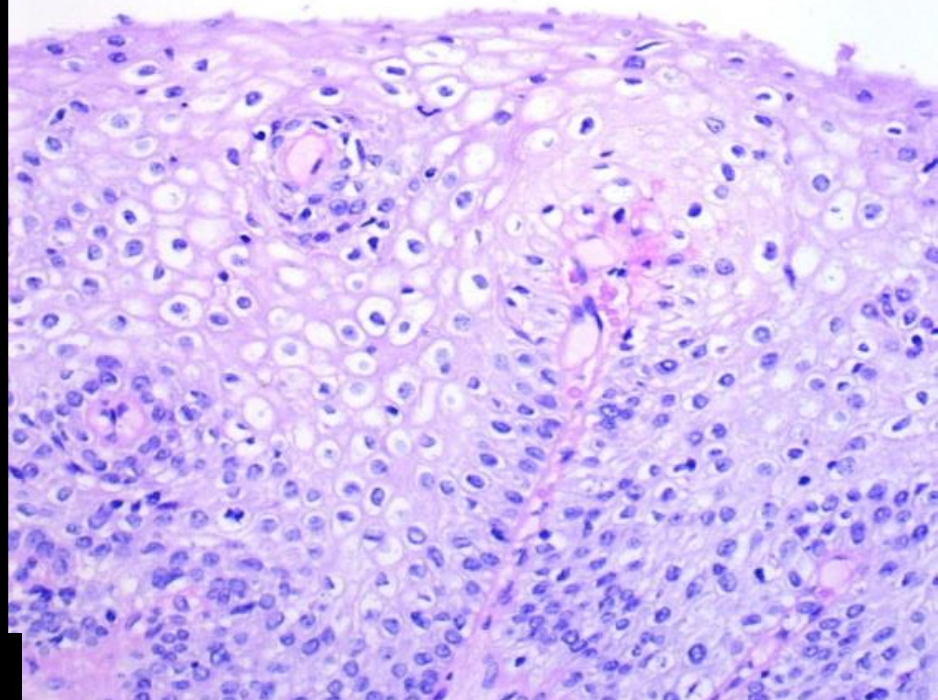
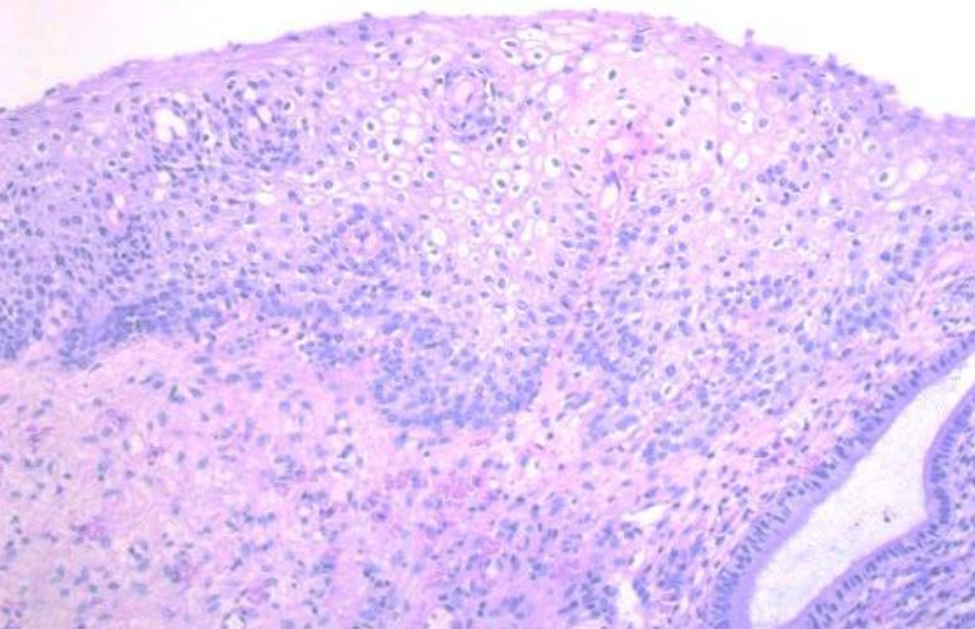
Cull 1 DOD

18782/21A4

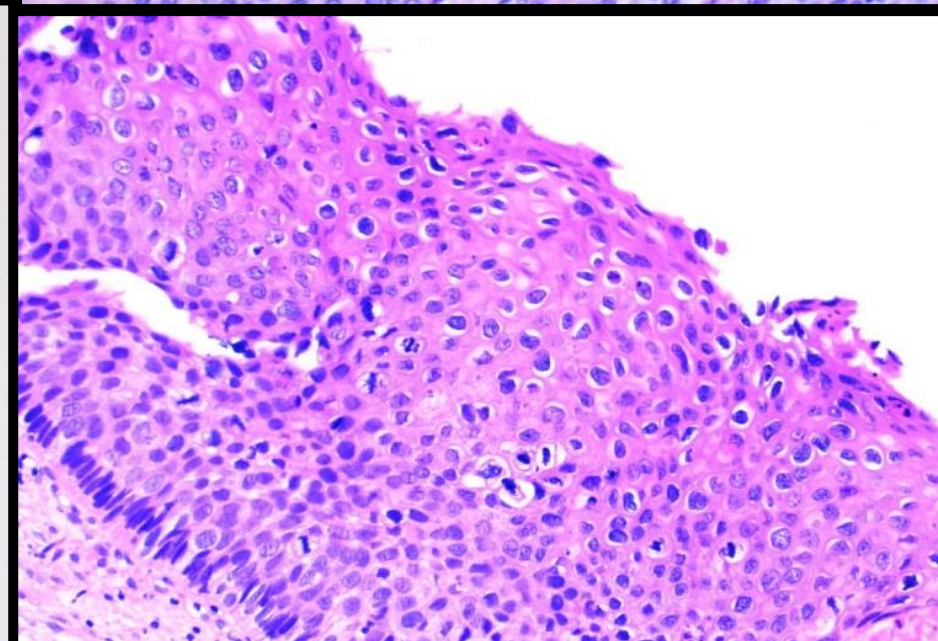
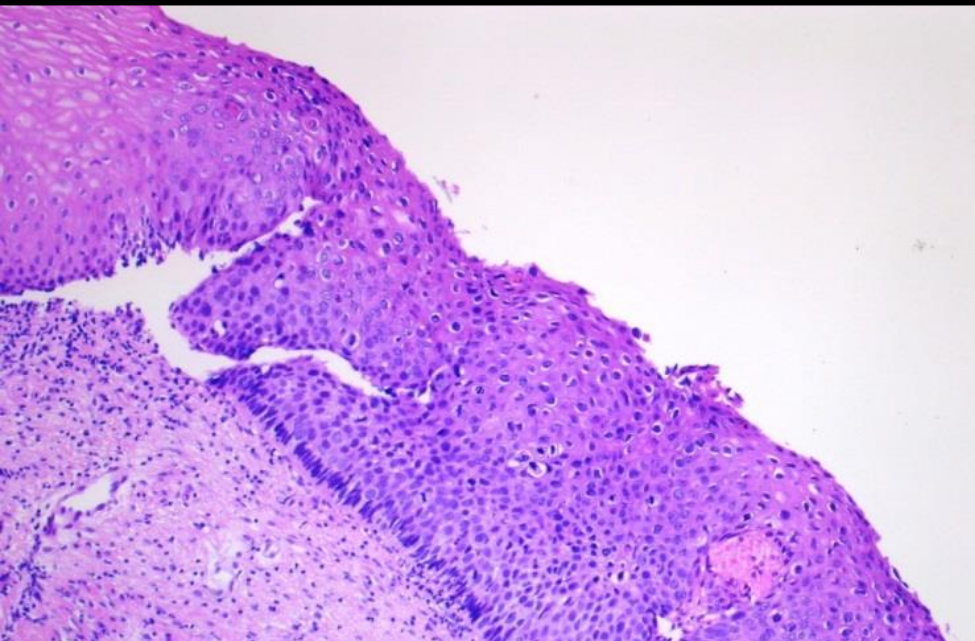


15

Histological Diagnosis in Cervical Pathology



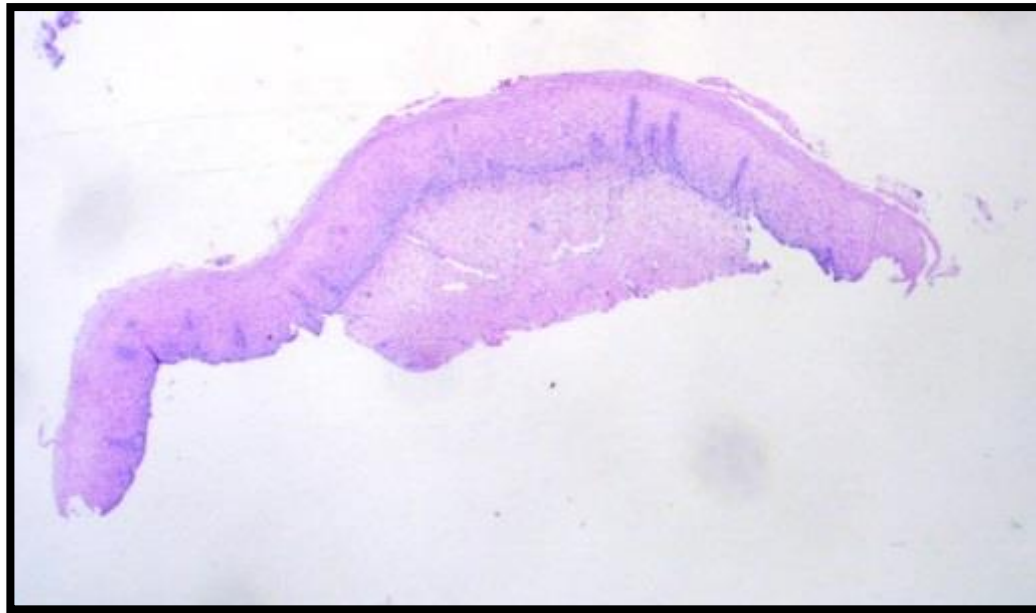
CONCORDANT CASE: SMEAR ASCUS, COLPO Low grade



CONCORDANT CASE: SMEAR HSIL, COLPO High grade

Discordant cases – most challenging diagnoses

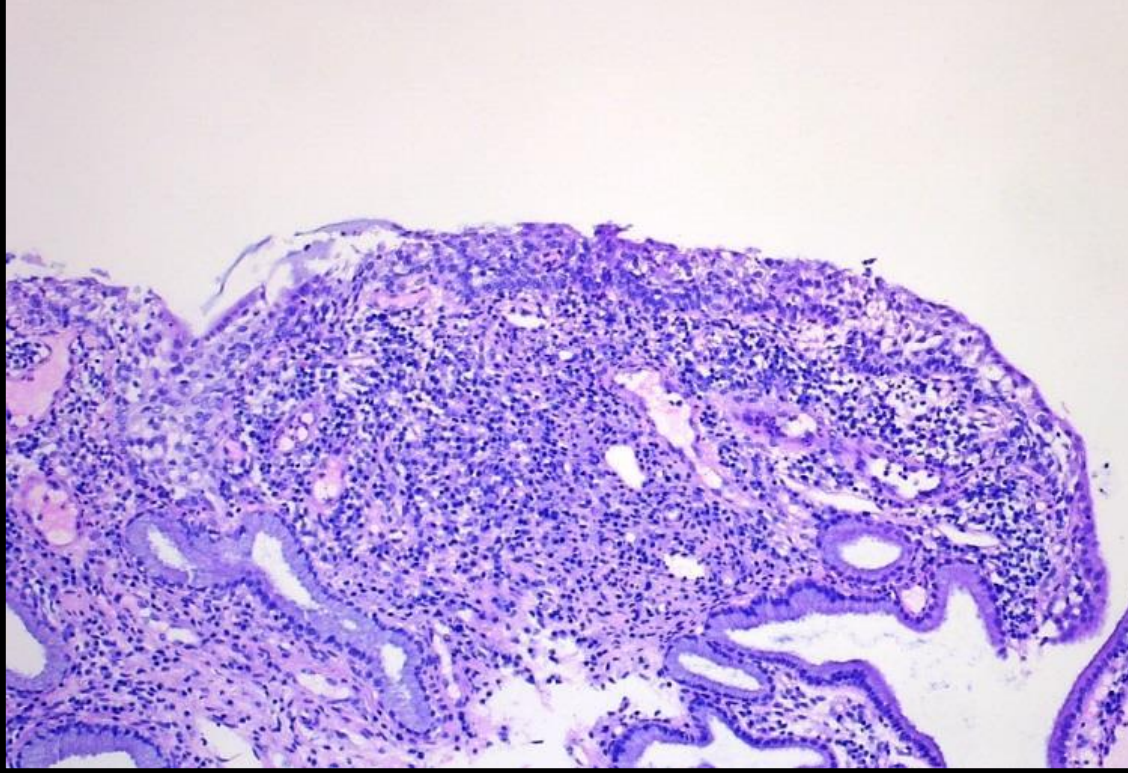
Colp impression: Acetowhite in endocervical canal ? HSIL



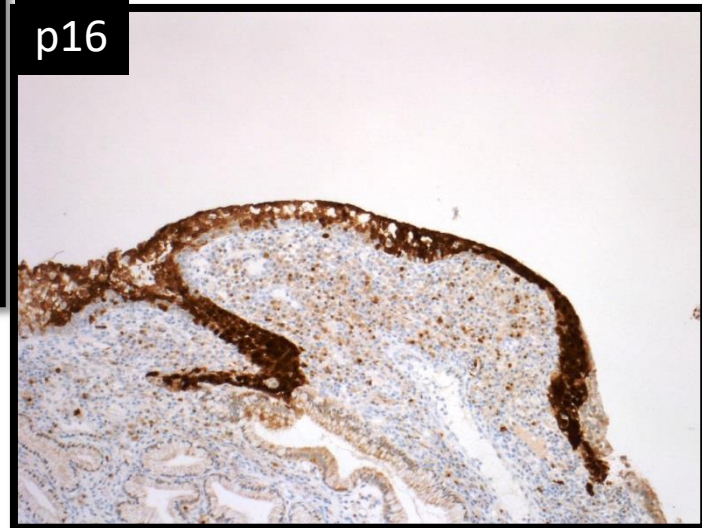
- Diagnosis: Ectocervical mucosa only
- No transformation zone present
- Consider insufficient for diagnosis – targeted lesion not represented in biopsy

Colp impression: Inflamed cervix

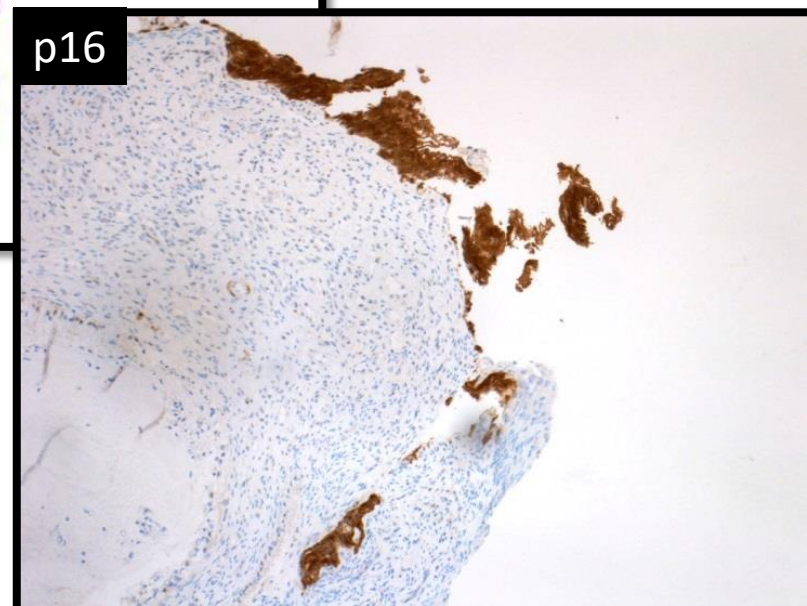
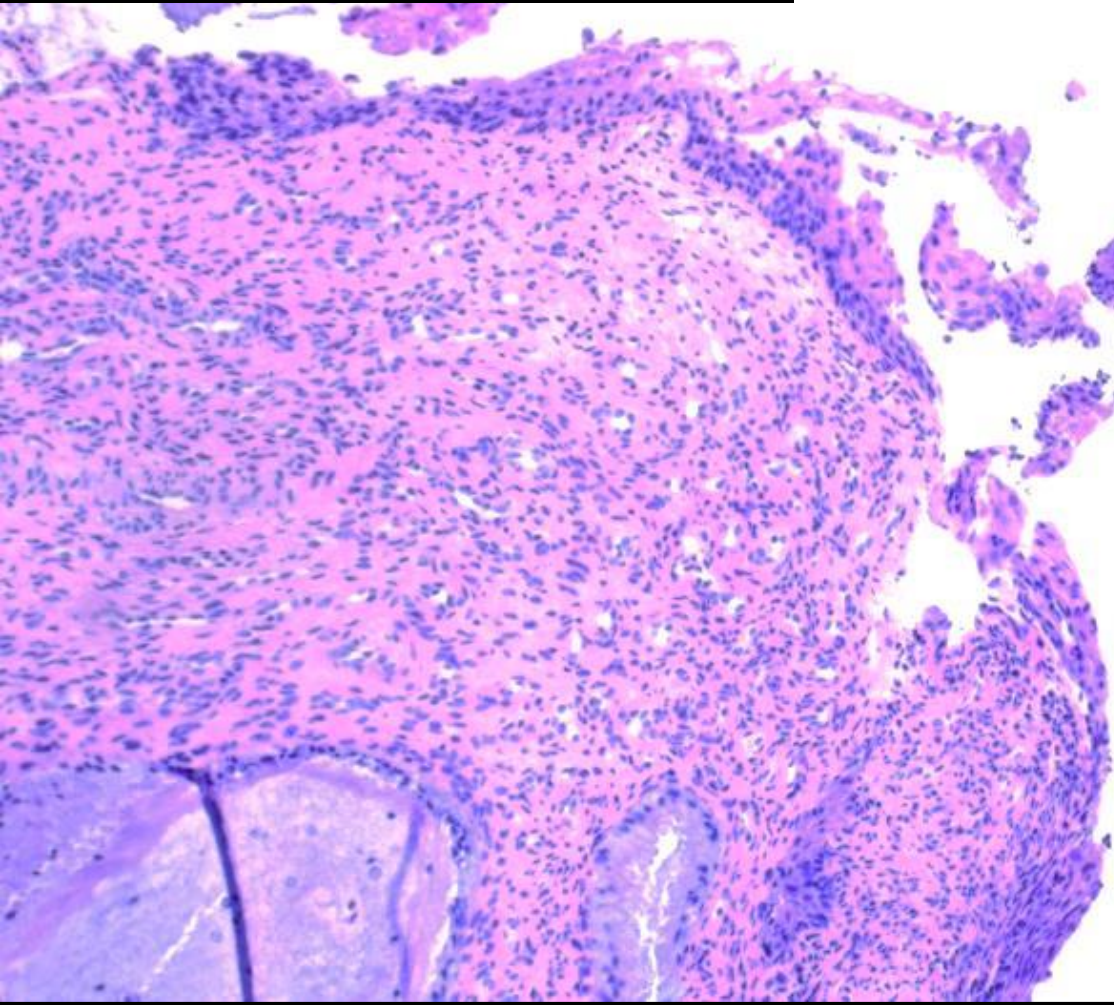
Thin cellular lesion, ?thin HSIL vs reactive metaplasia



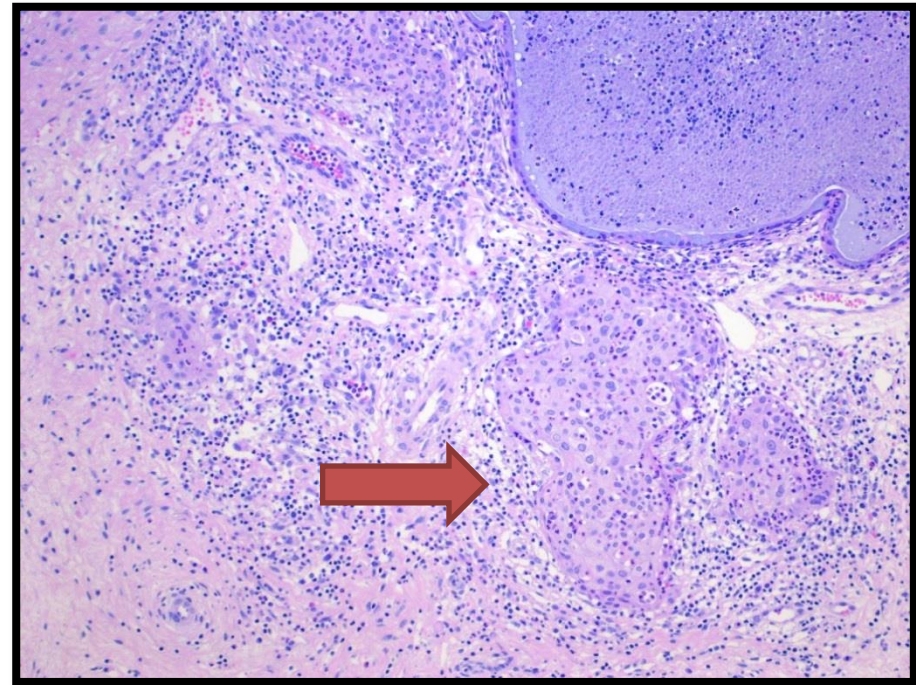
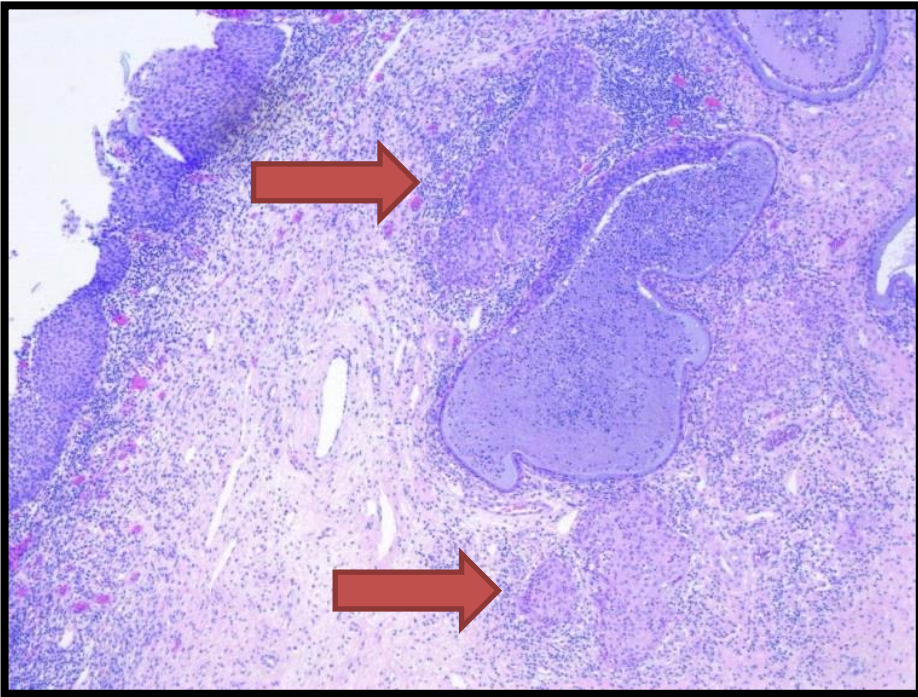
p16



Heavily fragmented squamous lesion

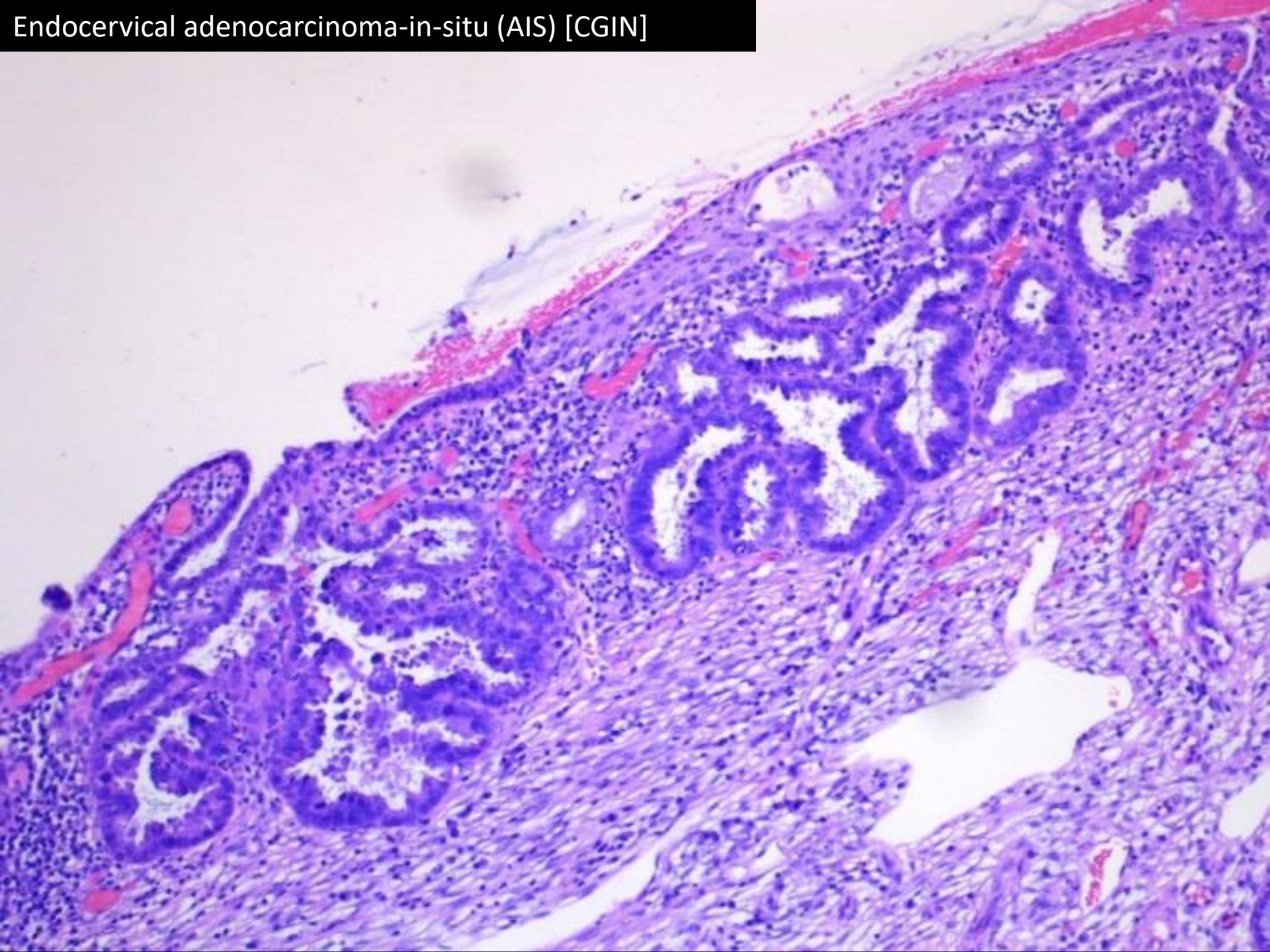


Cervical Oncologic Pathology Service

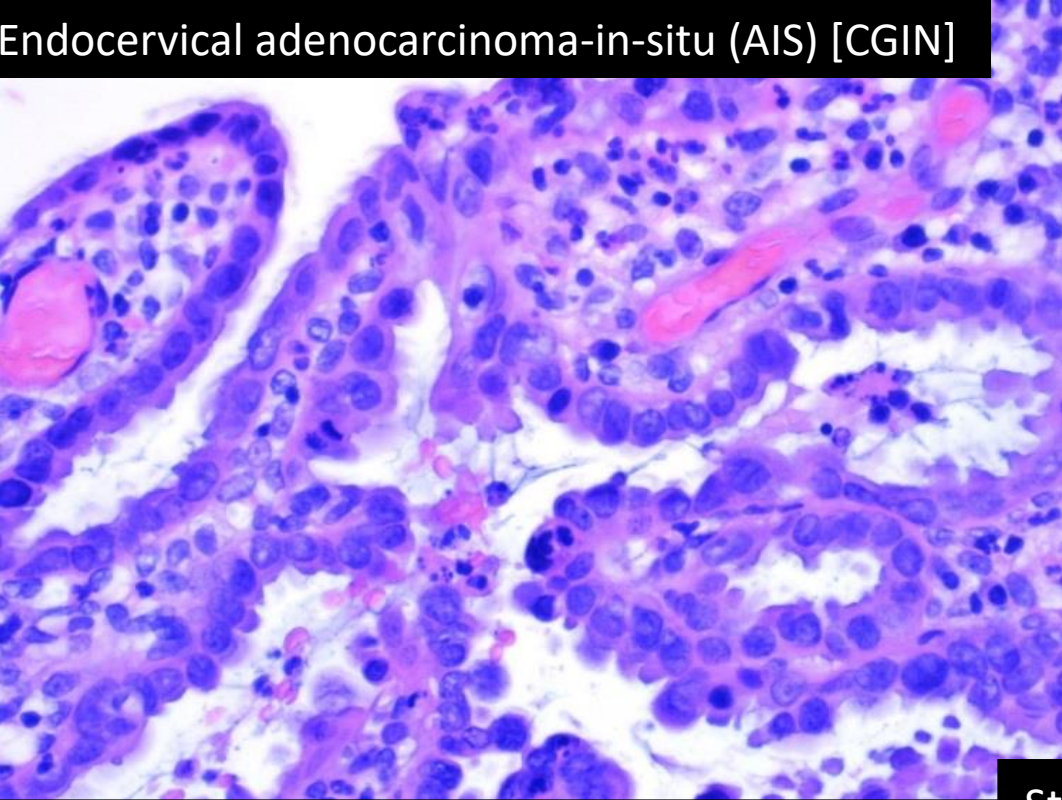


Diagnosis of invasive squamous cell carcinoma on a Cervical LLETZ [stage IA1]

Endocervical adenocarcinoma-in-situ (AIS) [CGIN]

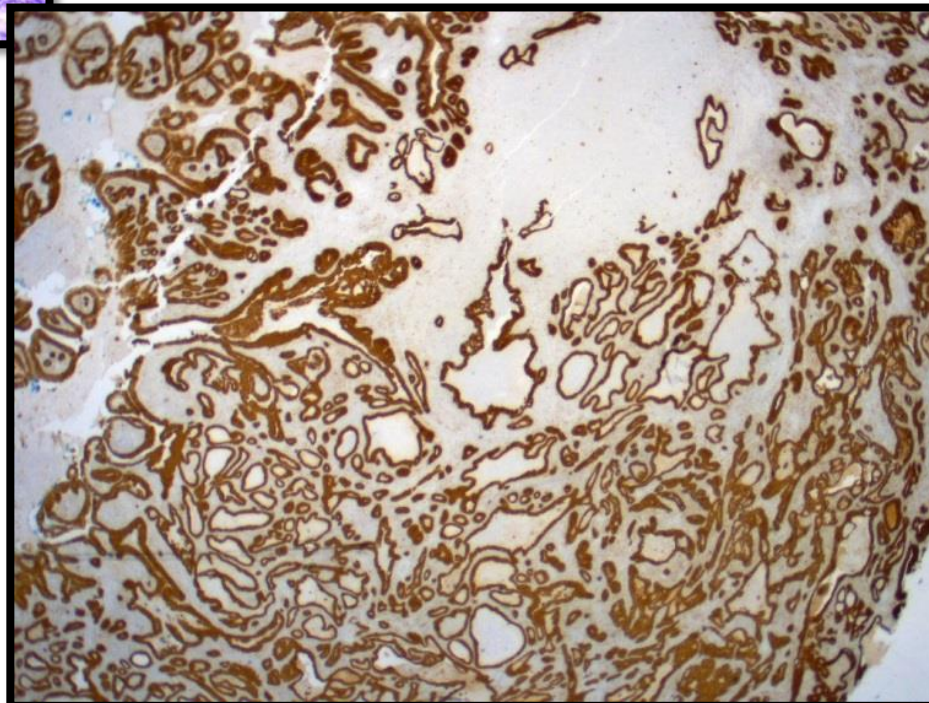
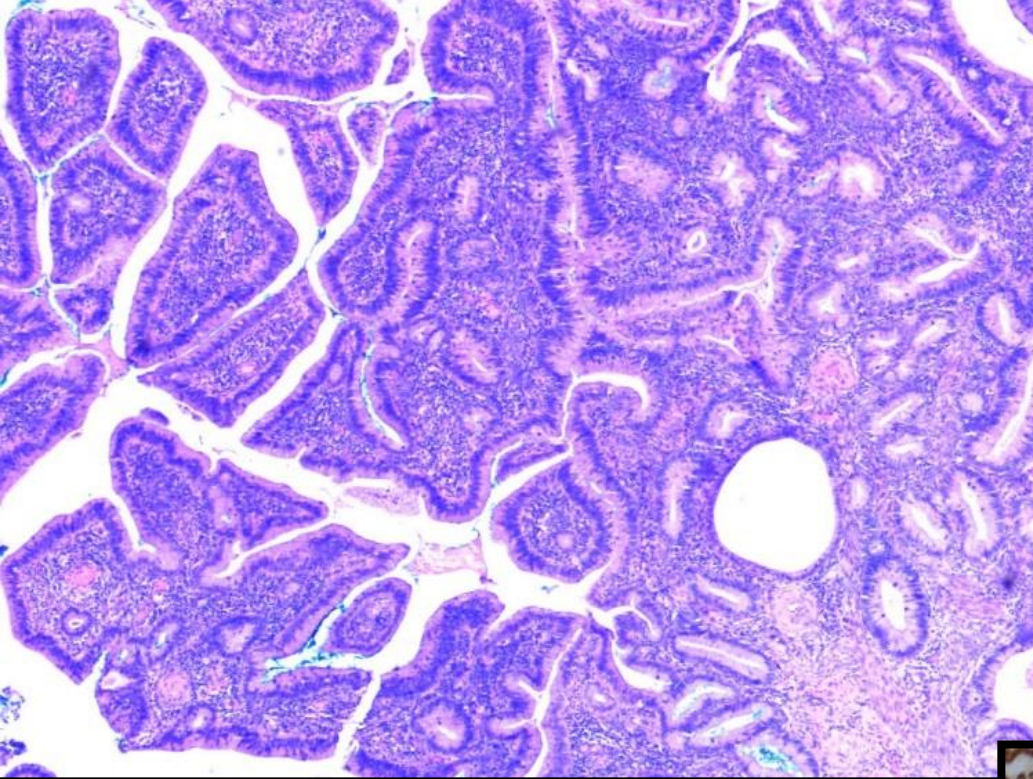


Endocervical adenocarcinoma-in-situ (AIS) [CGIN]



Strong and diffuse p16 expression





Thank You