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Three Interesting Cases of Abnormal Cervical Cytology

15 October 2001
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- Cervical smear LP shows papillary and villiform fragments of tumour cells
HP crowded cellular fragment with gland opening and papillary projection.
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- HP - Another crowded sheet with gland around.
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- HP view of one tightly crowded sheets of tumour cells with frequent mitosis.
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- HP - Fragment shows pseudostratification of the nuclei.
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- Cell cluster with Rosette formation.
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- Cone biopsy show adenocarcinoma in-situ in some of the sections.
Cone biopsy HP shows dilated glands lined by tumour cells with Pseudostratification of the nuclear.
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- HP gland lined by column tumour cells with elongated hyperchromatic nuclei
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- Hysterectomy specimen shows AIS in cervix.
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- Hysterectomy specimen HP shows crowded glands lined by columnar neoplastic cells.
Follow up smear show fragments of tumour cells.
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- HP shows strips of tumour cells with characteristics features of AIS.
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- Rosette arrangement of tumour cells.
Strips of tumour cells show characteristic Palisading and Pseudostratication of the nuclei as well as feathery edge.
Repeat vault smear shows persistent presence of tumour cells fragments.
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- Vault stripping show no tumour koilocytosis seen.
In Summary

- 22/03/00: CS – Suggestive of AIS
- 13/04/00: CS & Cytobrush – AIS
- 13/04/00: Cervical Biopsy – AIS
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- 28/04/00: Cervical (LLETZ) Biopsy
  - AIS, margins involved

- 22/06/00: THBSO, done
  - AIS, distal margins involved
  - Leiomyoma

Right Ovary – Brenner tumour
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- 20/09/00: Vault Smear – No tumour cell seen
- 20/12/00: Vault Smear – Negative
- 18/04/01: Vault Smear – Adenocarcinoma
- 09/05/01: Vault Smear and Cytobrush from both angles – Adenocarcinoma
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- 19/05/01: Vaginal Biopsy – Condyloma
- 01/06/01: Vaginal Vault Stripping – Flat Condyloma
- 18/07/01: Vault Smear – Negative
- 19/09/01: Vault Smear – Negative

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