

**New WHO endocervix 2014**

# WHO typing: Dr. McCluggage (12/2013)

- Revised WHO Classification of Tumours of the Female Genital Tract
- The WHO group met in Lyon in April 2013. The various chapters for the new WHO book have been written and are at the proof reading stage. The new blue book will be published early in 2014.

# New WHO for endocervical Ca

## WHO 2003

- Mucinous adenoCa (90%)
- Endometrioid adenoCa (4-7%)
- Clear cell adenoCa (1%)
- Serous adenoCa (1%)
- Mesonephric adenoCa (<1%)

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# WHO 2003: Mucinous Ca

- Endocervical type
- Intestinal type
- Signet ring cell type
- Minimal deviation Ca
- Villoglandular Ca

# Proposal 2014

- Usual type adenoCa
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- Villoglandular Ca
  
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# Proposal 2014: mucinous adenoCa

- Gastric type
- Intestinal type
- Signet ring cell type
- NOS



# Proposal 2014: NO LONGER mucinous

- Endocervical type
- Villogladular type

# Proposal 2014: NO LONGER mucinous

- Endocervical type

-> separate as “Usual type”

- Villoglandular type

-> separate as “Villoglandular adenoCa”

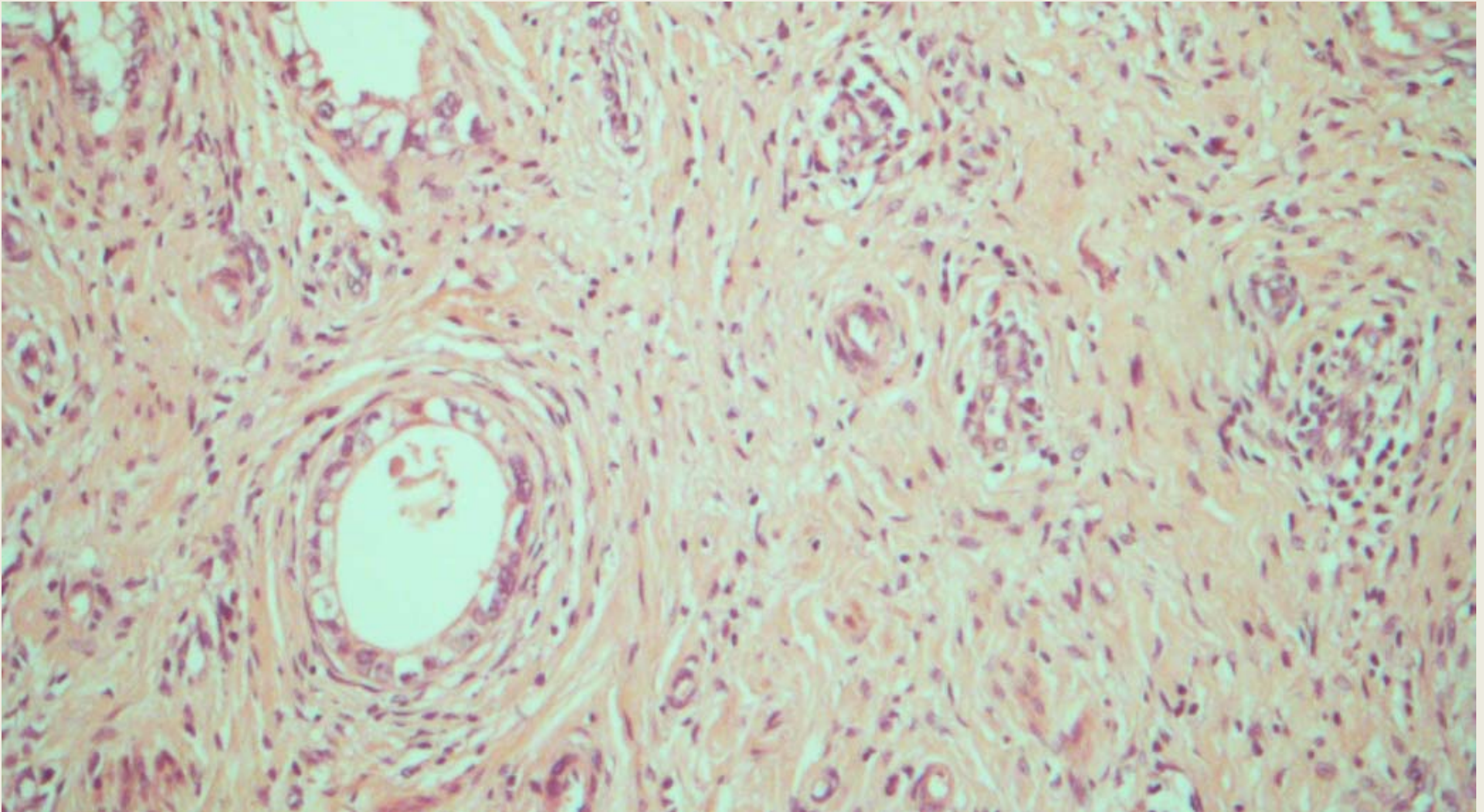
# Gastric type adenoCa

- Important to recognise
  - Less sensitive to chemoradiotherapy
  - Often widely disseminated
    - Peritoneal/Ovarian metastases
  - Poor prognosis
    - 5y survival 30% (classical endocxCa: 70%)
- Not HPV-related
  - IHC p16 -

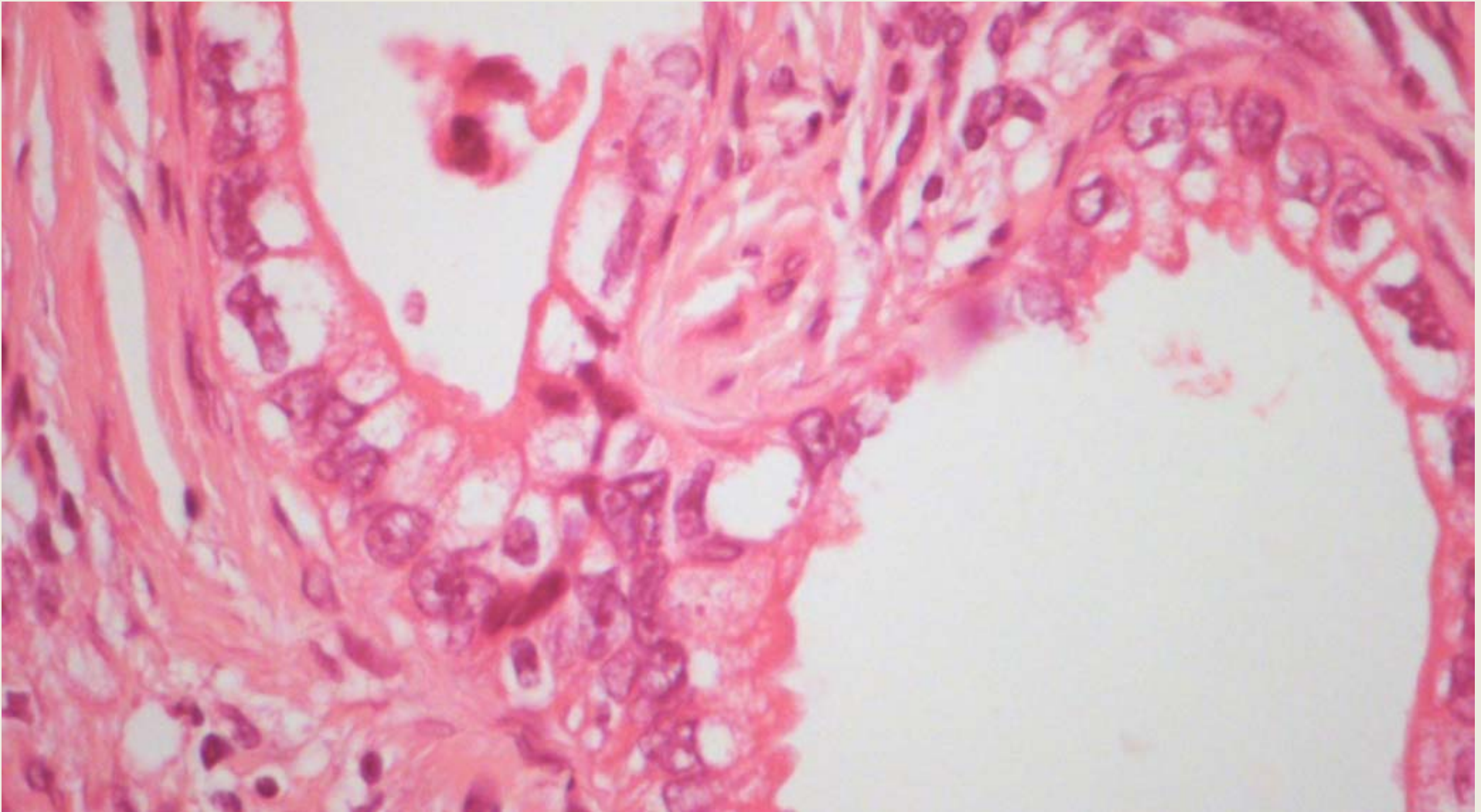
# Gastric type adenoCa: histology

- Cells with clear cell borders
- Large amount of cytoplasm: clear/eos
- Nuclear atypia less than classical endocxCa

# Gastric type adenoCa



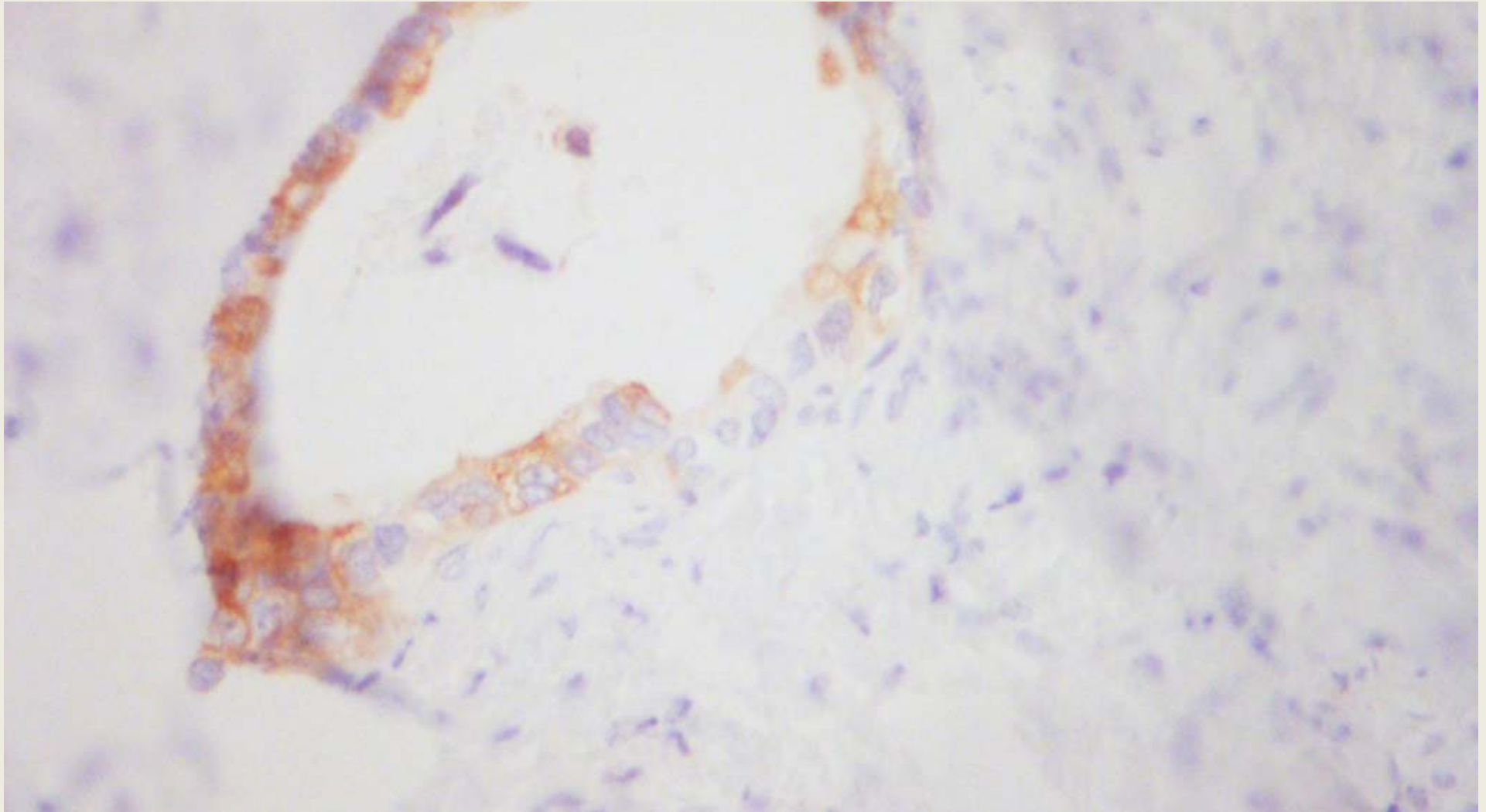
# GAS: cyto



# Gastric type adenoCa: IHC

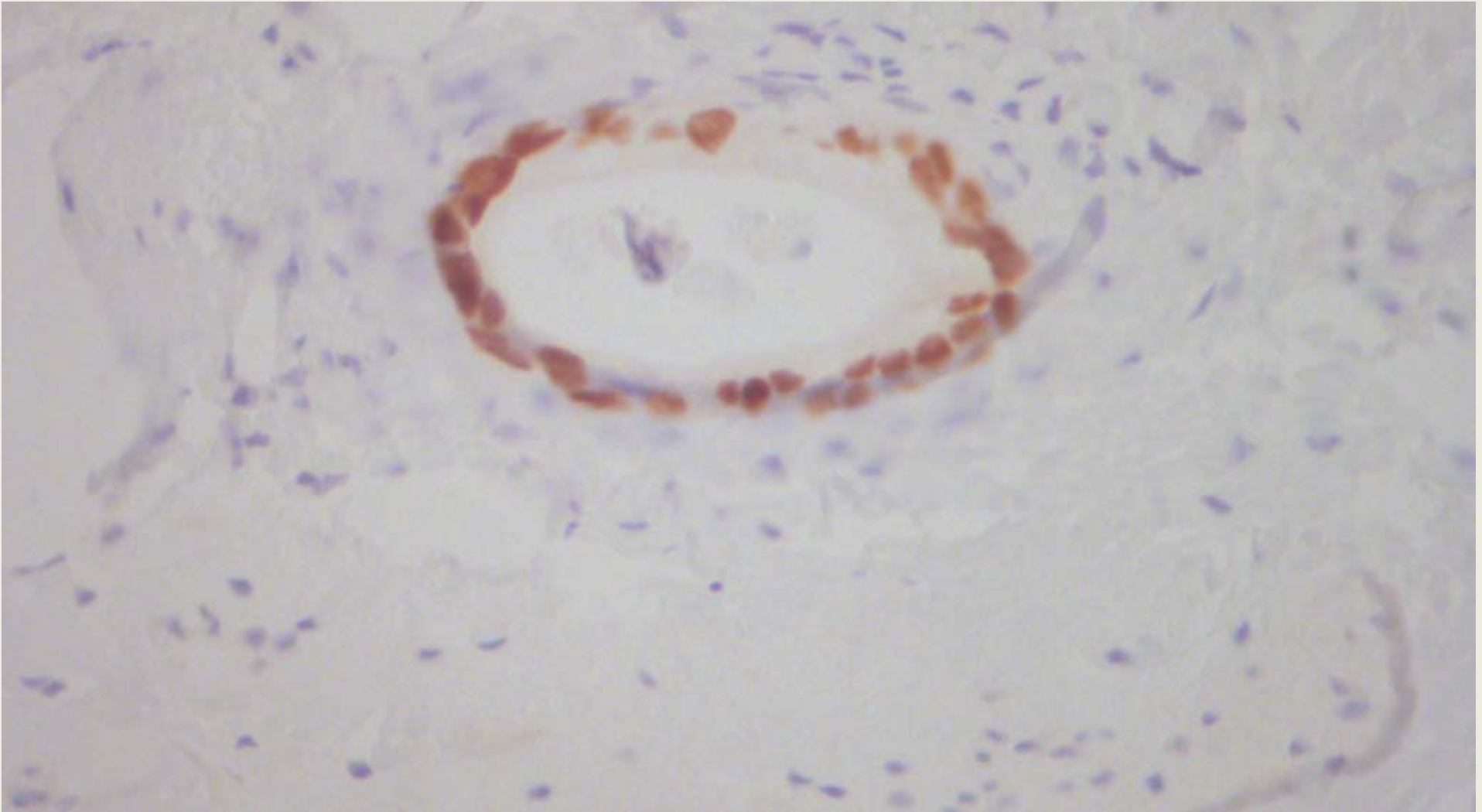
- p16 – (or only focally +)
- p53 + (classical endocxCa: “wild type”)
- + for gastric type mucin:
  - HIK1083
  - MUC6

# GAS: MUC6





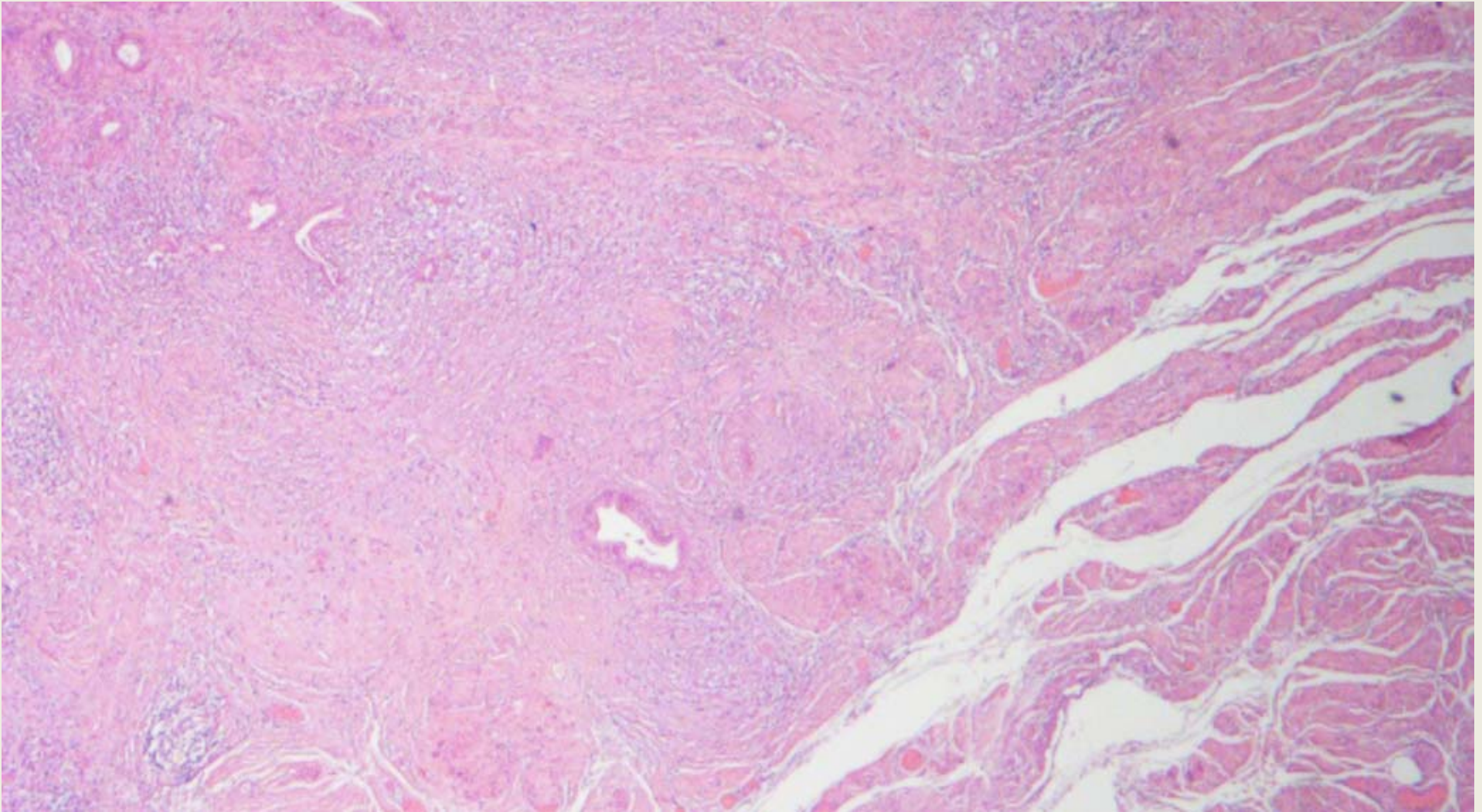
# GAS: p53



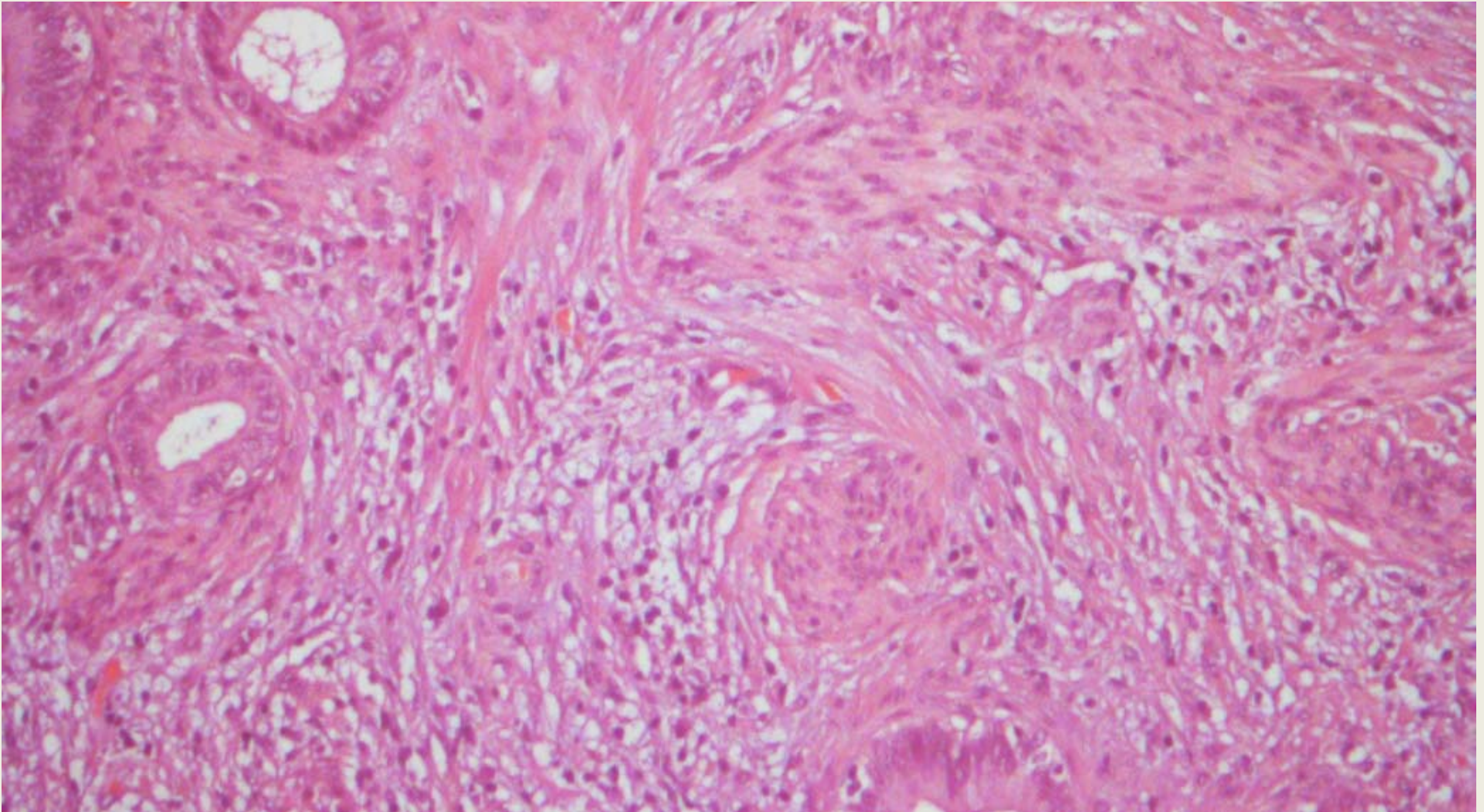
# Minimal deviation carcinoma

- Considered to be a very well differentiated gastric type adenoCa
- Deeply invasive -> poor prognosis
- Haphazardly distributed glands with irregular contour
- Cytoplasm: clear/eos
- Clear cell boundaries
- Minimal nuclear atypia

# Deep infiltrating glandular structures



Cytological atypia is minimal



# MUC6 in MDA

