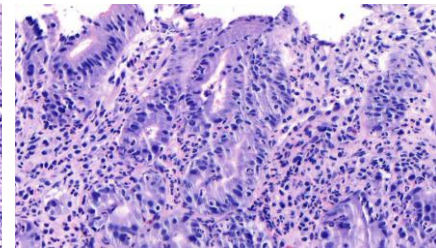
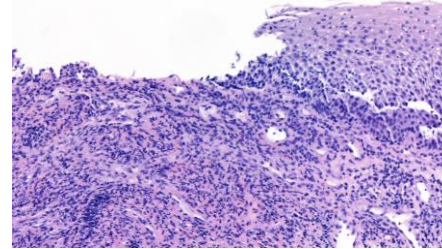


# Oral thrush turned out to be neonatal very early onset inflammatory bowel disease

## Case presentation

- Term-born female neonate (GA 40 5/7, weight 3890 g)
- 4 episodes of inflammatory states, partly with thrush and aphthae.
- Treatment: Antibiotics, antifungal agents.
- Reason: IL-10-receptor deficiency.
- Treatment: Steroids, infliximab, stem cell transplantation.



# VEO-IBD: general and case-specific characteristics

## VEO-IBD

- Occurrence: first year of life.
- Associated with positive family history, consanguinity.
- Fever, reduced general appearance, aphthae, thrush, dysphagia, vomiting.
- Recurrent infections, syndromic aspects, delays in neurodevelopment.
- True paediatric (polygenic) IBD: Crohn's disease, ulcerative colitis.
- Related to primary immunodeficiencies.

# Conclusion

- Neonatal presentation of IBD often non-specific.
- Appearance suggestive for bacterial/fungal infections.
- If standard treatment fails: Think gastrointestinal inflammatory syndromes!

# Authors & Affiliation

**Felix Hutmacher<sup>a#</sup>, Selina Doerig<sup>a#</sup>, Rainer Grobholz<sup>b,c</sup>, Henrik Köhler<sup>e,f</sup>, Philipp Meyer<sup>a</sup>, Philipp Baumann<sup>a, d</sup>**

<sup>a</sup> Department of Neonatology, Kantonsspital Aarau, Aarau, Switzerland

<sup>b</sup> Medical Faculty, University of Zurich, Zurich, Switzerland

<sup>c</sup> Institute of Pathology, Kantonsspital Aarau, Aarau, Switzerland

<sup>d</sup> Current affiliation: Department of Intensive Care and Neonatology, University Children's Hospital Zurich, University of Zurich, Zurich, Switzerland.

<sup>e</sup> Medical Faculty, University of Basel, Basel, Switzerland

<sup>f</sup> Department of Gastroenterology, Kantonsspital Aarau, Aarau, Switzerland

# S. Doerig and F. Hutmacher contributed equally