Phantom limb sensations are obviously very strong in the *Candida*-biofilm research community. It is striking that this and previous letters to the editor with regard to our publication, cite Harriott et al as work that definitively demonstrated the vaginal candida biofilm in rodents. That is not true. We likewise cite the same author in our article and state that “The only publication claiming *Candida albicans* forms biofilms on the vaginal mucosa exclusively includes pictures of smears from vagina without vaginal epithelium.”

Neither Harriott nor anybody else have ever presented microscopic proof of candida biofilm on the vaginal wall. In addition, there are major differences between the experimental model of rodent *Candida* vaginal infection and human vaginal candidiasis, for example, microbiota, pH, and the enormous inoculum of yeast organisms that is used in the animal model, which alone may simulate biofilm-similar discharge. Until the visual proof of biofilm on the surface of intact human vaginal epithelium is available, all speculations about the existence of vaginal candida biofilms will remain scientifically unsound.

Alexander Swidsinski, MD
Molecular Genetic Laboratory for Polymicrobial Infections und Biofilms
Berlin, Germany
alexander.swidsinski@charite.de

Jack Sobel, MD
Wayne State University School of Medicine
Detroit, MI

The authors report no conflict of interest.

REFERENCES


© 2019 Elsevier Inc. All rights reserved. https://doi.org/10.1016/j.ajog.2019.07.008