

al demonstrates that women prefer either computer or written screens,<sup>3</sup> which confirms the authors recommendation to use written questionnaires.

Although screening the mother alone is ideal, it may not be possible. Sometimes it is difficult and impractical to separate the mother from her children.<sup>1</sup> Due to the prevalence of domestic violence and when red flag symptoms are present in either the mother or child, then it is probably better to ask than to not ask. Mothers tell us that they want to be asked even if they do not disclose domestic violence.<sup>4</sup> The US Preventive Services Task Force Report approaches screening for domestic violence as a test to identify a disease before symptoms are evident, like mammography screening for breast cancer.<sup>5</sup> In reality domestic violence often presents with red flag symptoms such as injuries, depression, chronic pain in the victim; or behavioral problems, depression, chronic complaints in the children who witness the abuse.<sup>6-8</sup> As Lachs points out, the "screen" for domestic violence will never be like colonoscopy is for colon cancer. Providers have a woefully inadequate track record for identifying and addressing this important health issue.<sup>9,10</sup> We encourage not setting limits about how and when to screen as long as it is done with confidentiality and safety in mind.

Therese Zink, MD, MPH  
Department of Family and Community Medicine  
University of Minnesota  
Minneapolis, MN

## References

1. Zink T, Levin L, Wollan P, Putnam F. Mother's comfort with screening questions about sensitive issues, including domestic violence. *J Am Board Fam Med* 2006;19:358-67.
2. Zink T, Levin L, Putnam F, Pabst S, Beckstrom A. The accuracy of five domestic violence questions with non-graphic language for use in front of children. *Clin Pediatr* 2007;in press.
3. MacMillan HL, Wathan CN, Jamieson E, et al. Approaches to screening for intimate partner violence in health care settings. *JAMA* 2006;296:530-6.
4. Zink T, Jacobson CJ. Screening for domestic violence when the children are present: the victim's perspective. *J Interpers Violence* 2003;18:872-90.
5. Nelson HD, Nygren P, McInerney Y, Klein J. Screening women and elderly adults for family and intimate partner violence: a review of the evidence for the U.S. preventive services task force. *Ann Intern Med* 2004;140:382-6.
6. Campbell J. Health consequences of intimate partner violence. *Lancet* 2002;359:1331-6.
7. Kitzmann K, Gaylord N, Holt A, Kenny E. Child witness to domestic violence: a meta-analytic review. *J Consult Clin Psychol* 2003;71:339-52.
8. AMA Council on Scientific Affairs. Report 7 of the Council on Scientific Affairs (A-05): diagnosis and management of family violence. June, 2005. <http://www.ama-assn.org/ama/pub/category/15248.html>. Accessed October 16, 2006.
9. Lachs M. Screening for family violence: What's an evidence-based doctor to do? *Ann Intern Med* 2004;140:399-400.
10. Institute of Medicine. Confronting chronic neglect: the

education and training of health professionals on family violence. Washington (DC): National Academy Press; 2002.

doi: 10.3122/jabfm.2007.01.060173

## Will This Exercise Be Good Enough?

*To the Editor:* Since Papanicolaou showed that exfoliated cervical cells could be successfully used for identification of pathology of uterine cervix, speculum examination and obtaining a smear became a part and parcel of routine gynecological care.<sup>1</sup> Millions of females undergo this procedure due to better health care facilities, organizational commitment, screening programs, and patient awareness.<sup>2</sup>

The use of water-soluble gel as a lubricant was thought to affect the smear quality by altering the uptake of dye during staining. Evaluation of the quality of the smears so obtained was made by Gilson et al.<sup>3</sup> This evaluation had its strengths and weaknesses. The striking positive feature was the involvement of each subject as her own control, when initial smear was performed on all subjects without gel and the second smear was performed with gel in half the patients and without gel in the other half. The procedure therefore allowed better assessment of discomfort level both within the groups as well as between groups while making sure that the patients would not require a second visit in case the gel obscured the cervical cytology. The major drawback of the exercise was the use of fewer patients compared with previous studies.<sup>4</sup> Although the smaller sample size was shown to be sufficient enough by post hoc power analysis, this could affect the generalizability of the results to a larger population. The lack of uniformity within the study population was evident in the fact that it was primarily composed of premenopausal females who could produce biased results when inquiring the discomfort level. This could lead to type 11 error and jeopardize the correctness of the conclusions.<sup>5</sup>

The fact that the patients were kept blinded for the use of lubricant is questionable. It is practically difficult to conceal the use of a 2.7-g pack of lubricant gel from a female study subject! Further clarification is appreciated on the time and place of application of gel. However, the results obtained from this study may well divert our thinking pattern on the use of water-based lubricant during speculum examination for Papanicolaou smears.

Jeevan P. Marasinghe, MD  
Professorial Obstetrics and Gynecology Unit  
Peradeniya, Sri Lanka  
A. A. Amarasinghe, MD  
Private consultant  
McDonough, GA

## References

1. Papanicolaou GN, Traut HF. The diagnostic value of vaginal smears in carcinoma of the uterus. *Am J Obstet Gynecol* 1941;42:193-206.
2. Curtis P, Mintzer M, Resnick J, Morrell D, Hendrix S. The quality of cervical cancer screening: a primary care perspective. *Am J Med Qual* 1996;11:11-7.
3. Gilson M, Desai A, Caedoza-Favarato G, Vroman P,

- Thornton JA. Does gel affect cytology or comfort in the screening Papanicolaou smear? *J Am Board Fam Med* 2006; 19:340–4.
4. Amies AM, Miller L, Lee SK, Koutsky L. The effect of vaginal speculum lubrication on the rate of unsatisfactory cervical cytology diagnosis. *Obstet Gynecol* 2002;100:889–92.
5. Guyatt G, Jaeschke R, Heddle N, Cook D, Shannon H, Walter S. Basic statistics for clinicians: 1. Hypothesis testing. *CMAJ* 1995;152:27–32.

Dr. M. Gilson and coauthors were shown this letter and declined to comment.

doi: 10.3122/jabfm.2007.01.060158