agnosed in patients with Lyme disease, which is caused by intracellular Borrelia infections.2 In addition, patients with chronic fatigue may have intracellular Chlamydia spp. or mycoplasmal infections. Brucellosis and tuberculosis are also important causes of chronic fatigue.3

Patients with symptoms of fatigue should be screened for these bacterial infections.

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Thanks to Jacques Cornuz and colleagues1 for reporting the case of fatigue in primary care. Studies here in Australia have highlighted the need for a thorough history and targeted laboratory testing, although most test results will be "normal."2

I am interested in what happened next in this case. The woman had laboratory features for celiac disease, but was this the cause of her symptoms? After the biopsy, did she start a gluten-free diet and then undergo another biopsy? Did she feel better on a gluten-free diet? If not, then we still do not have an adequate explanation for her symptoms. We, the physicians, have "treated" ourselves but not the patient.

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[The authors respond:]

We agree with Riccardo Baschetti that hypocortisolism is one of the reported laboratory abnormalities of patients with chronic fatigue syndrome and that hypoactivity of the hypothalamicpituitary-adrenal axis is a potential pathophysiologic mechanism. However, as recently stressed by Cho and colleagues,1 the question of whether such hypoactivity is a cause or a consequence of chronic fatigue syndrome remains unanswered. Our review2 was intended to cover the diagnostic approach to chronic fatigue, rather than treatment, but we can mention here that the results of trials evaluating hydrocortisone therapy have been inconsistent. The first trial assessing this pharmaceutical approach³ showed only a modest benefit at the expense of adrenal suppression. To our knowledge, the promising results of a second randomized trial assessing lower dose⁴ have never been replicated.

As noted by Prasanta Padhan, the workup for chronic fatigue should be adapted to the local context according to the prevalence of diseases causing fatigue, including bacterial infections. Fatigue has been described in both early and chronic Lyme borreliosis. In one prospective study, fatigue was present in more than half of patients with early Lyme disease, and fatigue was more frequent than arthralgia, myalgia or headache.5 In addition, Lyme disease may lead to a post-Lyme borreliosis syndrome including fatigue.6 However, the appropriateness of serological testing depends on the probability of disease. Although such testing would be appropriate for a patient with fatigue and a history of erythema migrans (i.e., high pretest probability), it could be inappropriate for a patient suffering fatigue with no objective signs (i.e., low pretest probability) because of the high risk of falsepositive results.7 The pretest probability should also be considered for brucellosis and tuberculosis testing. Chlamydia and

Mycoplasma have been found in patients with chronic fatigue and might be associated with the severity of symptoms.8

David Barton is correct that most test results for patients with fatigue will be normal, and we agree that physicians must avoid performing diagnostic procedures simply to address their anxiety about a lack of diagnosis. Because our teaching case report represented an amalgamation of cases, there is no follow-up information. However, in a trial involving women with fatigue9 (on which one of us [B.F.] was a coauthor) celiac disease was diagnosed by serologic testing and then small-intestine biopsy in 2 patients. One of these patients was lost during follow-up but the other undertook a gluten-free diet and was followed clinically after diagnosis for 12 months. After a few months, she felt better and her fatigue subsided. She underwent a second biopsy 12 months after the diagnosis, which showed no histologic abnormalities.

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Barriers to tobacco cessation

Physicians and other health care providers play an important role in to-bacco cessation efforts, providing valuable tools and advice to cigarette smokers. One of the key tools is nicotine replacement therapy (NRT), but some smokers are reluctant to use NRT. ²⁻⁴ Finding simple ways to overcome this reluctance is of great importance because NRT promotes the chances of to-bacco cessation.

In a recent random-digit dialing telephone survey of adult cigarette smokers in Ontario (conducted in August and September 2005), we found that three-quarters of the 434 respondents believed nicotine was one of the harmful components of cigarettes. Further, smokers who believed nicotine was harmful perceived their smoking as more risky (p < 0.02) and were less likely to intend to quit in the next 30 days (p = 0.01) than smokers who did not think that nicotine was harmful.

The clinical implication of these findings is that beliefs about the nature of nicotine may act as a barrier to tobacco cessation. When recommending NRT as a means to promote smoking cessation, it may be useful to make the following points: (1) NRT roughly doubles a smoker's chances of quitting successfully;⁵ (2) NRT is less addictive than cigarettes, so the smoker is not replacing one addiction with another;⁶ and (3) it is not the nicotine in cigarettes that makes them harmful, but the carbon monoxide, tar and other toxins.⁷

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Mécanisme de présentation des lettres

Le site amélioré des lettres du *JAMC* est désormais le portail de réception de tous les textes destinés à la chronique Lettres. Pour rédiger une lettre, consultez un article sur le site www.jamc.ca et cliquez ensuite sur le lien «Lettres électroniques : répondre à cet article», dans la boîte en haut à droite de l'article. Toutes les lettres seront étudiées pour une éventuelle publication dans le journal imprimé.

Les lettres répondant à un article publié dans le *JAMC* sont plus susceptibles d'être acceptées pour publication imprimée si elles sont présentées dans les deux mois de la date de publication de l'article. Les lettres acceptées pour publication imprimée sont révisées en fonction du style du *JAMC* et raccourcies au besoin (elles doivent habituellement compter au maximum 250 mots).

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Corrections

In a recent letter to the editor,¹ the second paragraph should have begun as follows: "Dr. Pijak [as opposed to Dr. Khan] raises several important issues...."

REFERENCE

 Lee SS, Wong T. Hepatitis C: reviewing the options [letter]. CMAJ 2006;175(1):64.

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A recent News article¹ incorrectly stated the physician-to-population ratio. In fact Canada's ratio is 2.1 physicians to 1000 people. The *CMAJ* apologizes for any inconvenience this error may have caused.

REFERENCE

 Kondro W, Sibbald B. CMA proposes options for the private-public split. CMAJ 2006;175(1):18-20.

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