cause of the timing of the screen and may require treatment in any case. Those with GBS infection in a previous pregnancy should be treated in any case. Maternal fever in labour would be treated in the interests of both mother and baby. Therefore, strategies A and B would result in all pregnant women being screened at significant cost.

On the basis of the information presented by the task force, strategy C appears to be the most clinically efficient and cost-effective way of preventing GBS infection in neonates.

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[The Canadian Task Force on Preventive Health Care responds:]

R.J. Morrow does not specify the way in which there is an apparent mismatch between our recommendations and the information we presented in our report on preventing group B streptococcal (GBS) infection in newborns, but in the interests of complete clarity we would like to direct readers to the full technical document, which is available at www.ctfphc.org/Full_Text/CTF_GBS_TR_final.pdf.

In reply to Morrow's comment regarding inconsistency among national guidelines, we can only reply that we followed an evidence-based process to determine the effectiveness of the 3 strategies and found insufficient evidence to recommend for or against strategy C. Other factors that might be used in decision-making include cost, feasibility and patient preferences, and do not factor directly into our recommendations, although we attempt to address them in other parts of our article.

We disagree with Morrow's statement that strategies A and C could be

used to treat the same group of women. If strategy C were adopted, all women with at least one risk factor would receive intrapartum prophylaxis. Many of these women would be negative for group B streptococcus and therefore a larger number of women would be exposed to antibiotics than in strategy A. Finally, our recommendation statement only addresses women at or close to term gestation.

Many organisms other than group B streptococcus cause early-onset sepsis. Chorioamnionitis carries a high risk for neonatal infection, and women with this condition should receive appropriate intrapartum treatment regardless of their GBS colonization status.

Finally, it should be made clear to health care providers and parents that none of these strategies can prevent all cases of early-onset GBS infection.

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Telehealth: Is it safe?

Te thank Patrick Potter for taking the time to comment on telehealth in his recent letter.1 He may not realize that the goal of triage is not to make a diagnosis. As his anecdote illustrates, it is foolhardy to attempt to "make the diagnosis over the phone." Rather, the goal of telephone nursing assessment is symptom triage. Clearly, it is not diagnostic certainty that allows for sorting to be accomplished, and this cannot be done by rote or scripted automatons. Trained and experienced nurses, who listen reflectively, aided by tools that prevent gaps in information gathering and documentation, have been providing this function for at least 15 years.2 No suit against a triage provider has successfully shown an inability to sort out the emergently ill. This safety record stands in the highly litigious atmosphere of our US neighbours, where millions of triage calls are conducted annually (Raul Seballos, Cleveland Clinic, Cleveland: personal communication, 2002). The originators of this type of triage were pediatricians, seeking relief from the onerous after-hours phone calls that plague most acute care physicians.

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Hyponatremia and SIADH

In their article on hyponatremia, ¹ Haralampos Milionis and colleagues do not mention an interesting diagnostic tool: the detection of highmolecular-weight forms of vasopressin. The presence of this in plasma, sometimes in large amounts, is highly suggestive of the syndrome of inappropriate secretion of antidiuretic hormone (SIADH) associated with a carcinoma of the lung.²⁻⁴

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[Two of the authors respond:]

In our review, we considered the laboratory evaluation of hyponatremic patients. In hospital patients with hyponatremia, the syndrome of inappropriate secretion of antidiuretic hormone (SIADH) is commonly implicated, yet it is a diagnosis of exclusion.

SIADH was first described by Schwartz and colleagues in 2 patients with bronchogenic lung carcinoma as early as 1957.3 The main features of the syndrome consist of hyponatremia and hypotonicity (< 280 mOsm/kg), absence of fluid volume depletion, inappropriate urinary osmolality (> 100 mOsm/kg), increased urinary sodium excretion (> 40 mmol/L) while on normal salt and water intake, and absence of thyroid, adrenal, pituitary or renal dysfunction.1,2 The assay of serum arginine vasopressin is not mandatory for the diagnosis of this condition.2-4 An abnormal water load test, inappropriately raised ADH levels relative to plasma osmolality and improvement of serum sodium concentration after fluid restriction are classified as supplemental diagnostic criteria.2

As to its pathophysiology, SIADH results from 3 factors:²⁻⁴

- Inappropriate stimulation from pulmonary pathology (bacterial pneumonia, tuberculosis, lung abscess or asthma) or drugs (cytotoxics, morphine, barbiturates, nicotine or hypoglycemic agents).
- Uncontrolled secretion from virtually any central nervous system (CNS) disorder (infections, trauma, vascular disease or neoplasms) or after stress, such as trauma or surgery.
- 3. Ectopic ADH elaboration by tumours, particularly small cell (oat cell) lung carcinoma (SCLC), duodenum and pancreatic cancers, olfactory neuroblastoma and lym-

phomas. Indeed, these tissues have been described as increasing ADH secretion in response to osmotic stimulation in vitro.⁵

SIADH is the principal cause of hyponatremia in malignant disease. Early recognition and prompt treatment can prevent serious neurologic sequelae.6 It has been proposed that measurement of cerebrospinal fluid and plasma concentrations of ADH together with other tumour markers, such as calcitonin, creatine kinase BB, bombesin and neuron-specific enolase, may contribute to the diagnosis of CNS metastases due to SCLC.7 Most interestingly, the presence of larger forms (high molecular weight) of vasopressin has been demonstrated in patients with SCLC.8,9 Although SIADH is most commonly due to an increase in paraneoplastic ADH secretion reflecting ineffective therapy, it can also be due to release of ADH from malignant cells in the period of rapid tumour lysis, reflecting effective therapy.10 However, marker levels, including vasopressin, are not valid in defining the tumour load and cannot be used for clinical decisions on antineoplastic therapy.7

Overall, history taking, physical examination and routine laboratory tests suffice for the evaluation of patients presenting with hyponatremia. 1,2,4 SIADH mandates a further diagnostic workup to identify its cause. The physician should consider the possible causes and pursue them with the appropriate diagnostic tests. 2,4 Elaborate tests should be reserved for cases of uncertainty and clinical suspicion.

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Consolidating health care

The article by Steven Lewis¹ proposes some interesting new roles for the federal government in the "bog and fog" of health care. However, these proposals leave me wondering what tinkering with a multilevel governance system would really accomplish in providing better health care to Canadians. I am not a health care economist or a politician, but I keep wondering why none of the multitudes of studies and reports on our medicare system, as if we had one system, did not hint at the possibility of a truly radical reform.

Why do we tolerate multiple levels of bureaucracy at all? If health care is truly a core value of Canadians, why not amend the Constitution to give the federal government complete authority to provide these services? This would eliminate 13 provincial and territorial departments of health, provincial health care associations and regulatory bodies, many federations that collectively represent these bodies at the federal level and the need for transfer payments for health care, among others.

Think about it: no more provincial medical associations or colleges of physicians and surgeons, colleges of nurses, physiotherapy and so forth. No more wrangling about inequalities in