emphasized. To provide support from the medical literature regarding the struggles faced by obstetrics-capable family physicians, the AAFP has compiled a bibliography that describes the data derived from the world’s medical literature. This bibliography is available from the Huffington Library at the AAFP. These data can be helpful to family physicians seeking to provide objective information to hospital credential committees and others.

The recently published letter by Larimore further documents the resurgence of obstetrics-enhanced family practice. I am pleased that some of my previous published material was cited. Reference 7 in the Sakornbuto and Dickinson article was actually published in *Family Practice — An International Journal.*

This small typographic point should be noted for accuracy. Overall it does not detract from the contributions made by these authors and your journal in providing important data and support for family physicians who wish to deliver babies.

Wm. MacMillan Rodney, MD
Memphis, TN

## References


## Cholesterol Screening

*To the Editor:* Dr. Frame’s recent article “Screening and Management of Cholesterol Levels in Children and Adolescents” and the accompanying editorial by Dr. Grumbach provide a refreshing dose of common sense on the issue of cholesterol screening. It is regrettable that the United States embarked on a mass screening policy before having demonstrated benefit. It is time for us to step back, reassess the data, and consider whether the effort and resources involved in this campaign could not be better spent on other strategies to improve our patients’ and the nation’s health.

Francis X. Brickfield, MD
US Embassy
Addis Ababa

## Treatment of Black Widow Spider Bite

*To the Editor:* The treatment described in Zukowski’s report of 2 patients with black widow spider envenomation typifies what I believe to be common misconceptions about the therapy for black widow envenomation — the overreliance on calcium therapy and the underutilization of specific antivenin.

The role of calcium in the diagnosis and treatment of black widow spider envenomation has evolved largely from anecdotal experience. No controlled study has been performed to determine optimal treatment. While a dramatic response to calcium is seen in some patients, failure to respond does not exclude the diagnosis. In one of the few prospective studies on the subject, Key found calcium effective in only 6 of 13 patients. Only 1 of 6 patients with the most
Serious signs of envenomation responded to calcium administration. Several retrospective studies showed an inconsistent response to calcium as well. Pain relief with calcium was often transient, requiring repeated injections as described in 1 of Zukowski's 2 patients.

Specific antivenin has been consistently shown to provide rapid and lasting relief of symptoms. Most patients respond dramatically to a single 2.5-mL vial. Antivenin is used much more liberally in other parts of the world where early use of antivenin has been shown to reduce considerably the length of hospitalization and prevent the development of lingering neurologic dysfunction seen in some patients not treated with antivenin. The risk of immediate hypersensitivity reaction from the horse-serum-derived antivenin can be reduced by sensitivity testing before administration. A serum sickness reaction might occur but is usually mild.

Calcium should be considered an adjunctive therapy while preparing for antivenin administration in patients with serious envenomation. Reliance on repeated doses of calcium is often ineffective, delays definitive antivenin therapy, and could predispose to increased morbidity and in rare cases mortality.

Thomas A. Miller, MD
Jacksonville, FL

References


The above letter was referred to Dr. Blackman, who offers the following reply:

To the Editor: We currently use antivenin in children, pregnant women, the elderly who are at high risk for hypertensive crisis and respiratory symptoms, and those with severe pain. In somewhat minor cases, our patients have been responsive to calcium gluconate and have not required antivenin. I agree with Dr. Miller that we are probably underutilizing antivenin. Similar debate goes on with the use of antivenin for the treatment of poisonous snake envenomation, and most of us believe that use of antivenin is warranted and its side effects can be appropriately treated, both acute anaphylaxis as well as chronic serum sickness. Controversies about the use of antivenin will occur until a new antivenin appears, either a pure IgG preparation from horse serum or, even better, a Fab fragment. It is hard to say when this will happen.

James R. Blackman, MD
Boise, ID

Prolonged Delirium Tremens

To the Editor: I have some comments regarding the early management of the 67-year-old patient described in “Prolonged Delirium Tremens Requiring Massive Doses Of Medication” (J Am Board Fam Pract 1993, 6:502-4) by Wolf, et al.

The patient was a chronic alcoholic whose continuous drinking ended 3 days before he came to the emergency department. A physical examination showed disorientation, diaphoresis, tachycardia, tachypnea, tremulousness, brisk reflexes, oculomotor dysmetria, and spider hemangiomata. He subsequently decompensated further during the following 5 days “despite receiving up to 275 mg/d of oral chlordiazepoxide.”

In my daily care of chemically dependent patients with acute alcohol abstinence syndrome in both a general community hospital and a community-based social detoxification unit, it is standard practice to give chlordiazepoxide in 100-mg doses at hourly intervals to maintain vital signs (Figure 1 shows a withdrawal scoring sheet — a score of 6 to 7 and higher usually requires medication). Although most patients require less than 500 mg of chlordiazepoxide total, it is not uncommon that a few will require from 1200 to 2400 mg of chlordiazepoxide in their first 24 hours of admission.

For elderly patients with hepatic dysfunction, lorazepam has the advantage of renal excretion. In the nauseated or vomiting patient, lorazepam can be crushed and given sublingually. Lorazepam 5 mg by mouth or 1 mg sublingually can be given at hourly intervals in the place of chlordiazepoxide, but because of its short half-life, the drug must be tapered after the first 24 hours.

The alcoholic's recent drinking pattern, the time of the last drink, previous history of alcohol abstinence syndrome, age, and other medical conditions will give some clue as to how much medication will be needed to control the syndrome. The doses of benzodiazepine needed early to abort the progression from minor withdrawal to delirium are indeed massive when compared with the doses used elsewhere in the practice of clinical medicine. The alcoholic's tolerance is well established, however, and once a patient is "lost" to major withdrawal, it is very difficult to catch up. Extended hospital stays, cerebral dysfunction, and other morbidity, as well as mortality, is well known by those who care for the alcoholic.

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