

mileage to the out-of-hospital setting relative to the hospital was not taken into account because the impact of this difference was assumed to be negligible. Subsequent to the study period, the regional coroner's office emphasized the need for emergency physicians to complete the death certificate and to call the coroner's office only when the death met certain criteria. Presumably, this would reduce the cost of the coroner's investigation for each in-hospital ED pronouncement. However, requests for additional responsibility and more paperwork must be weighed against competing service and academic demands, and the routine practice of calling the coroner has not significantly changed.

Dr. Gall identifies an important factor that may limit the generalizability of our results to other regions as alluded to in the limitation section of the manuscript. We thank the Editor for the opportunity to respond and to Dr. Gall for his cogent comments and his interest in this subject.

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**Pine Lake Tornado:  
the rural response**

*To the editor:*

We read with interest the Pine Lake Disaster article by Sookram and colleagues<sup>1</sup> in the January issue of *CJEM*. Having been involved in the disaster response we feel it important to comment. Certainly, learning from such disasters will improve preparedness for

future events, but accurate information about the response and the experiences of those directly involved are essential. Having read the article, we are not sure that this occurred.

The article discusses the value of physicians at the scene and indicates, correctly, that there was a STARS flight physician on site. In our opinion he should be praised for his actions in managing and triaging patients for transfer. The article also states that, within 2 hours, Edmonton emergency physicians were on site, but this observation diverges from our own experience.

In the aftermath of the tornado, Guardian Ambulance, the primary EMS responders to the event, rapidly contacted Innisfail Hospital (which normally covers the Pine Lake area), and requested a physician presence. In response, we left for the scene approximately an hour after the tornado touched down. After arriving, the only physicians we encountered were the STARS physician and one other physician, who arrived later in the evening. Despite being part of the tornado response, neither of us have been approached for any comment on the events of the day. The question is, if input from physicians and support staff both at the scene and at smaller regional hospitals was not solicited, can meaningful conclusions be drawn from limited reports of what occurred?

On a personal note, and reflecting our desire for accurate reporting of the event, we are concerned that the *CJEM* article focuses on the response of and the care provided by secondary and tertiary hospitals. Whilst most of the severely injured patients were correctly sent to centres with the facilities to cope with them, a large number were sent to Innisfail and other primary care hospitals. The lack of acknowledgement of the role played by these other hospitals and care providers is a cause of upset to many of the people involved.

Given that many disasters occur in areas remote from large urban hospitals, it seems that the rural and primary care disaster response should surely be of interest, yet it seems our contributions are not considered to the same degree as those of the larger centres. We do not want to belittle the efforts of anyone involved, and it was heartening to see how so many people came together to deal with the tornado, but we do have concerns about the way the disaster response was portrayed, and we would be interested in the authors' response to these concerns.

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**Reference**

1. Sookram S, Borkent H, Powell G, Hogarth WD, Shepherd L. Tornado at Pine Lake, Alberta — July 14, 2000. Assessment of the emergency medicine response to a disaster. *CJEM* 2001;3(1):34-7.

**[One of the authors responds:]**

Thank you for reading and responding to our article. It was an unfortunate oversight that we did not solicit your input since, clearly, your perspective would have been valuable. As you suggest, Guardian Ambulance and the other early responders did a wonderful job establishing a triage station and recruiting help from the later-responding services. Health centres, rural hospitals and caregivers from Olds, Innisfail, Stettler, Three Hills, Lacombe and other small communities performed well during the night and made invaluable contributions to the disaster response.

An earlier draft of the article contained a more extensive discussion of the role of smaller communities. Unfortunately, for reasons of space, and perhaps because of our own more urban