CORRESPONDENCE

In Reply — I appreciate the interest in our article expressed by Harrop-Griffiths and Hood. They have some comments on the methods of our study and on the possible mechanisms behind the phenomenon we describe in our results.

First, studying an additional crossover group may have a real theoretical, but not much clinical, interest. In clinical practice, pancuronium is very seldom administered after mivacurium.

Second, although we were indeed aware of the article by Feldman et al., we believe our speculation was justified. Harrop-Griffiths and Hood suggest that the first relaxant given dominates also the action of the second one in the biophase, which, in this case, is the same as at the neuromuscular junction. Generally, we agree with this opinion, and presented it in our discussion as the first explanation for the interaction between pancuronium and mivacurium. However, in this particular case, it is difficult to imagine that so small a dose of mivacurium (10 μg/kg) after pancuronium could have such a lasting effect without some special mechanism. As we stated, we did not study the underlying mechanism, but theorized an explanation for this significant interaction. Therefore, and because there also are supporting aspects for this opinion, we suggested pancuronium's capacity to inhibit pseudocholinesterase as only one possible explanation for our observation.

References


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Transesophageal Atrial Pacing as a Trigger for Intraaortic Balloon Pumping

To the Editor — Recently, Broka et al described the use of transesophageal atrial pacing as a trigger for an intraaortic balloon pump (IABP). I have had difficulty in doing so with the IABPs I have available. In some situations, the IABP console did not recognize the atrial stimulus, and sometimes recognized it as the ventricular complex (Datapace Systems 90 and 95 respectively, Datapace, Paramus, NJ). In the latter situation, appropriate timing could be achieved by significantly delaying inflation and deflation when timing off of the transesophageal atrial pacing stimulus. In our cases, fortunately, we were able to time the IABP off the pressure waveform. It would be of interest to know which IABP they used.

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References


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