in the Appendix A protocol as a mandatory test when the likelihood of respiratory depression is present.

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In Reply—It bears repeating that the primary emphasis of our work was the safety of epidural morphine for postoperative analgesia on surgical wards. More detail with regard to incidence of side effects according to surgical site was not considered essential in this context, although it is true that this information could have been presented and might have been of interest to some readers.

In response to Puppa’s comments regarding our experience with respiratory depression, it should be noted that the two cases we identified fit our operational definition—i.e., naloxone was administered. On any occasion that such treatment is used, it is based, at least initially, on a clinical diagnosis of respiratory depression made at the bedside. The level of sedation in case 1 (3 on our 0–3 scale) was a major factor in the decision to administer naloxone. In case 2, the decision was based primarily on the observation of a respiratory rate of 6 breaths/min. The highest sedation score in that patient was 2.

In our teaching we encourage the administration of naloxone if there is a reasonable suspicion of respiratory depression in patients receiving epidural morphine. We prefer an occasional unnecessary treatment to a failure to treat the condition early. We make no claim of a causal relationship between respiratory depression and epidural morphine administration in the two cases reported and cannot be certain the naloxone was really necessary. As Puppa points out, obesity was also a risk factor in case 1.

We do not believe it necessary to specify in our standard orders all circumstances when blood gas analysis is necessary. Our emphasis is on early diagnosis and treatment of the rare cases of respiratory depression we see, with the option for blood gas analysis as needed. It should be recalled that our study included only patients who received epidural morphine on surgical wards. We treat many other patients who are admitted to our intensive care unit after surgery. More frequent blood gas analysis is carried out in that population, when indicated.

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An Old but Useful Form of Fluid Resuscitation

To the Editor—We recently found ourselves in a position where active fluid resuscitation to a shipwreck victim was necessary. Unfortunately, because there was a complete absence of modern resuscitation equipment, we were forced to improvise.

A young boy, about 20 kg, accompanied by his teenage sister, had been drifting in a small boat for approximately 10–14 days after the sinking of a larger vessel. Seven other occupants of the boat had died of dehydration. At the time of discovery, the boy was severely dehydrated and responsive only to painful stimuli. He had a weak, irregular pulse rate of 25–30 beats/min. We were unable to administer oral fluids.

We transferred the child to a nearby island where we fashioned a rectal tube connected to a funnel and administered 70 ml/kg warm water to which we had added table salt (approximately 15 g) and sugar (100 g). To promote retention, the child’s buttocks were occluded for 20 min after administration of fluid.

After 45 min, the child’s state of consciousness improved dramati-