bilateral involvement with more severe wasting on the right side. The ‘oblique atrophy’ referred to is due to the wasting of the forearm and hand muscles with sparing of the brachioradialis.

3. We agree that the disease is uncommon in females. However, female sex alone does not exclude the diagnosis.

4. The disease usually presents in teens or early twenties and the earliest reported age at onset is 10 years, as mentioned in the text. The purpose of the case report itself was to comment on the early age of presentation and to speculate on the possible role of lead in accelerating the rate of disease progression (and thereby an early onset).

5. Hirayama, et al. studied 73 consecutive patients with the disease by myelography, CT–myelography and MRI(3). In neutral neck position, MRI could detect mild to moderate atrophy of lower cervical cord in only 49% of the patients (23 of 47).

Genetic analysis of patients with distal upper limb spinal muscular atrophy has been previously carried out(4). In four patients of this disease which were studied, no homozygous deletions of exon 7 and 8 of the SMNtel gene were found, and no deletions in exon 5 of the NAIP gene were detected. The diagnosis is essentially clinical supplemented by results of electrophysiological investigations and muscle biopsy. Even though the parents were unwilling to go for further tests, we think that genetic studies would not have been of any help in the diagnosis.

We have discussed the possibility of elevated lead being a coincidental finding. Chelation therapy was offered but refused by the parents.

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REFERENCES
Results

1. If 1 min Apgar score in RAR group was significantly higher, it could mean this group had babies with less severe asphyxia. In absence of data on cord pH, it is difficult to say that babies in 2 groups had suffered comparable asphyxia to begin with. Comparable Apgar score at 5 min could mean that use of RAR caused some harm to the babies and their Apgar score became comparable at 5 min. It is possible that the residents were so unconvinced of RAR that they used 100% oxygen when baby was severely asphyxiated or was born to some parents known to the residents/doctors in that hospital. This could account for lower Apgar score in 100% oxygen group.

2. Results presented in Table 2 are not clear. Example, though authors mention there is significant difference in 1 minute Apgar Scores in the two groups, the median and range mentioned in the table are identical. Similarly, though the median and 5-95 centile values of ‘time to first cry’ and ‘duration of resuscitation’ are almost similar, the p value is highly significant.

3. Total number of live births and number of babies who required intubation and chest compressions in the two groups was not mentioned. Since the study was completed six years ago, data on follow up of the babies in the two groups should also have been mentioned.

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REFERENCE

LETTERS TO THE EDITOR

Resuscitation of Asphyxiated Newborns(2)

I have the following comments to offer in respect of this excellent multicentric study(1),

1. The inclusion criteria included newborns weighing more than 1000 grams. A look at the baseline neonatal variables shows that on taking mean birth weights and standard deviation into account, there were no babies below a birth weight of 1800 grams. Were no such babies delivered; as there is no mention about their exclusion?

2. Hypoxic Ischemic encephalopathy (HIE) is defined clinically on the basis of a constellation of findings, including a combination of abnormal consciousness, tone and reflexes, feeding, respirations, or seizures. Staging of HIE into Stages I, II and III describes the clinical states of asphyxiated infants over 36 weeks gestational age(2). How was the same staging system used for babies of lesser gestational ages?

3. There is no record of cord blood pH, a significant indicator of perinatal asphyxia.

4. A significant number of neonates including preterm neonates who develop hyaline membrane disease are dependent on Oxygen from the time of birth. The recommendation about resuscitation with room air may not be applicable to this group of neonates.

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REFERENCES


Resuscitation of Asphyxiated Newborns(3)

We have the following comments to offer on the recent article(1) on this subject:

1. The room air group in treatment failure was switched over to 100% oxygen supplementation after 90 seconds of resuscitation. According to international guidelines for neonatal resuscitation 2000(2), some of the babies in room air group might have received external cardiac massage by then. Generally myocardial failure does not occur until both pH and PaO₂ are extremely low, approximately 6.9 and 20 mm of Hg,