

Amitriptyline and Cholinergic Supersensitivity

To the Editor:

In our recently published report on amitriptyline and cholinergic supersensitivity (Dilsaver et al. 1987), we unfortunately made several errors that we wish to correct.

In Table 1, Part 2 (C), the mean difference in the hypothermic response to oxotremorine, 0.10 mg/kg, i.p., before and after treatment with amitriptyline, is listed incorrectly. The numbers in row B were added rather than subtracted. Row C should read as follows:

15	30	45	60	75
-0.15	-0.28	-0.40	-0.39	-0.39
90	105	120		
-0.48	-0.13	-0.28		

Mean hypothermic response = $-0.31 \pm 0.04^{\circ}\text{C}$

In Table 2, the mean thermic response to oxotremorine, 1.0 mg/kg, i.p., is incorrectly stated as $-0.16 \pm 0.05^{\circ}\text{C}$. It was actually $-0.22 \pm 0.08^{\circ}\text{C}$.

In Table 2, Part 2, the mean hypothermic response to oxotremorine, 2.5 mg/kg, i.p., is stated to be $-0.61 \pm 0.25^{\circ}\text{C}$. The actual mean response was $-0.54 \pm 0.11^{\circ}\text{C}$.

None of these alterations change the significance of the data. The results of the Analysis of Variance with repeated measures stated in the text were obtained by entering raw data. The correction of errors actually renders the data in the tables significant at a lower level of α owing to lower variance in two instances.

We would like to point out that the data in the tables were derived from measurements in animals available both prior to and after treatment with amitriptyline. Several animals were lost due to a technical problem with the telemetric thermosensor. Thus, data illustrated in Figure 3 referring to baseline measurements are based on a sample of 15, rather than on those included in the tables.

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Reference

Dilsaver SC, Snider RM, Alessi NE (1987): Amitriptyline supersensitizes a central cholinergic mechanism. *Biol Psychiatry* 22:495-507.

Different Patterns of Local Brain Energy Metabolism

To the Editor:

In a paper recently published in your journal, citation of a paper by Mary Solanto (1984) was inadvertently omitted from our text, although it is listed in the references. This excellent paper should have been cited in our discussion.

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References

- Porrino LJ, Lucignani G (1987): Different patterns of local brain energy metabolism associated with high and low doses of methylphenidate. Relevance to its action in hyperactive children. *Biol Psychiatry* 22:126-138.
- Solanto MV (1984): Neuropharmacological basis of stimulant drug action in attention deficit disorder with hyperactivity: A review and synthesis. *Psychol Bull* 95:387-490.