Hospital Pharmacy and the CGMP: Additional Comments

In their response¹ to Dr. Feldmann's editorial², Dr. Belson and Dr. Loftus claimed that, in FDA's view, the guidelines issued by the American Society of Hospital Pharmacists in the December 1977 issue of the American Journal of Hospital Pharmacy are suitable equivalents to the CGMP's for normal hospital pharmacy practice and that Dr. Kennedy has endorsed those guidelines. What is a normal hospital pharmacy practice? Furthermore, one of these guidelines is: "In the absence of valid stability data, an arbitrary expiration date of not more than 60 days from the date of repacking, or as defined by the FDA or USP, should be used."

In an earlier response³ to Dr. Feldmann's editorial, I reported that some drugs that are being repackaged in hospital pharmacies are not stable even for 30 days. How could one go by an arbitrary expiration date of 60 days? Incidentally, the above guidelines do state that if stability data are available, the data should be used to determine the expiration date. The data on the products that were not stable even for 30 days were not available to justify an expiration date of less than 60 days, that is, less than 60 days of the arbitrary date as suggested by the above quoted guideline.

In the February 1979 issue of the American Journal of Hospital Pharmacy, the Society revised this guideline and deleted the arbitrary expiration date of 60 days. The new guideline is: "It is the responsibility of the pharmacist, taking into account the nature of the drug repackaged, the characteristics of the package and the storage conditions to which the drug may be subjected, to determine the expiration date to be placed on the package. This date must not be beyond that of the original package."

This guideline is far better than the original one. However, how many hospital pharmacists are determining the expiration dates by actual data! Perhaps less than 1% of those who are engaged in repackaging drugs.

> V. Das Gupta College of Pharmacy University of Houston Houston, TX 77004

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¹ J. J. Belson and B. T. Loftus, J. Pharm. Sci., 68 (8), IV (1979). ² E. G. Feldmann, *ibid.*, 68 (5), I (1979). ³ V. D. Gupta, *ibid.*, 68 (7), IV (1979).

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