

rent proficiency and competence in this area. Because it is a voluntary process that exceeds the minimum entry-level requirements for practice within a profession, it should be distinguished from a license to practice diabetes education (1). The CDE examination, like most certification programs, has as its main objective to see that the public receives quality care by upgrading management practices above the minimum licensure set by each health discipline. It must be taken every 5 yr to retain the title of CDE. Nevertheless, some concern has arisen that the examinations are too basic and may convey a false sense of confidence about areas for which groups of educators have not been adequately trained (e.g., a nurse providing complete nutritional counseling) (2).

The introduction of the CDE comes at the same time that the endocrinology fellowship population is declining. Of the nine traditional internal medicine subspecialties, only endocrinology and nephrology experienced a decrease in fellows between 1976 and 1988 (3). The number of first-year endocrine fellows decreased by 24%, whereas the number of all endocrine fellows decreased by 10% during this 12-yr period. By contrast, total fellows increased in infectious disease (43%), cardiology (40%), pulmonary diseases (25%), gastroenterology (14%), rheumatology (12%), and hematology and oncology (4%) (3). Although one could speculate about the etiologies for the decline in endocrinology fellows, certainly a major reason is the relatively poor reimbursement for the cognitive-oriented medical subspecialties (4). Because the prevalence of diabetes appears to be increasing (5), it seems clear that an increasing number of nonendocrinologists, including nonphysicians, such as qualified nurse practitioners, nutrition specialists, and health educators, will need to participate in the care of this patient population.

Therefore, 6 yr and 6200 CDE certificates later, we feel that it is appro-

priate to assess the progress of this new niche of educators. Unfortunately, we do not have any data to report. However, we are quite concerned about the common theme of complaints expressed by diabetes educators across the country, namely, that they are having a difficult time interacting with the referring physicians. In particular, many doctors feel intimidated or threatened by nurse or nutrition educators who, after passing the CDE examination, are often better trained in certain aspects of diabetes education and care than the well-intentioned physician. The result of this phenomenon is frustration among the educators, because they are qualified to provide a greater portion of the diabetes management than they are currently allowed to perform. Furthermore, it is likely that overall diabetes care would improve with increased input from the educator. It is time to move the concept of the diabetes team out of the large diabetes center and toward the primary-care physicians who manage over 90% of the diabetic patients in this country.

What are some possible solutions to these problems? First, and probably most important, we need to educate those doctors who are currently underusing the CDE. This could be achieved through articles in primary-care journals or continuing medical education programs, such as Clinical Education Program III sponsored by the American Diabetes Association. The National Certification Board for Diabetes Educators is now assisting the new or recertified educator by informing their employers of CDE certification, but perhaps this program could be expanded to include a greater number of physicians and administrators. Another problem, for which no simple solutions exist, is how to adequately reimburse educators for their highly skilled expertise. Most diabetes educators/specialists are paid less than nurse-managers who are on equal levels of the career track. This is especially true of those working in private physician's offices.

The introduction of the CDE comes at a critical period of diabetes health care in this country. It is now time to better use these talented health-care educators and specialists, because they are definitely here to stay as permanent and prominent members of the health-care team.

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CDE, CERTIFIED DIABETES EDUCATOR.

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Diabetic Ketoacidosis in Pregnancy

Another atypical case

read with interest the report by Maislos et al. (1) describing an episode of DKA associated with intrauterine fetal death and urinary tract infection in a

