

1014-S1-1692 **Agnes M. Kalemaris*** (kalemaam@farmingdale.edu), Department of Mathematics,
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You*. Preliminary report.

A Decimal Point Can Kill You

Studies have shown that medication errors occur too frequently in medical facilities. In some cases, these errors are fatal. In others, the patient just gets sicker. In many areas of the country, there is a serious shortage of skilled nurses. At Farmingdale, many of the nursing students are math-phobic. The Mathematics [Tutoring] Center and the Nursing Department work together to strengthen the mathematics skills of our students and to reduce their anxiety level. This presentation will report on the testing procedures and some of the techniques, which are used to help the students. No patient should receive 1 mg of a powerful drug when 0.1 mg is ordered. Agnes M. Kalemaris (Received September 28, 2005)