

QUANTITATIVE PROCEDURES FOR NURSE  
STAFFING MANAGEMENT -- A SURVEY  
AND RECOMMENDED PROCEDURES  
FOR APPLICATION

ABSTRACT

During the last two decades, a wide variety of quantitative procedures have been developed to support nurse staffing management. In this article these procedures are critically reviewed in the context of a conceptual framework that includes activity analysis and workload prediction, tactical staffing decisions, performance monitoring, strategic planning, and coordination with other hospital activities. Strengths and deficiencies of suggested procedures are pointed out, and important aspects that have been overlooked are identified and discussed. Those procedures which have undergone recent successful implementation are presented in some detail. The concluding section suggests areas where more research and development seem desirable.