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MALIWAN CHEWPREECHA; A COMPARATIVE STUDY OF THE STATUS AND PROBLEMS OF VENTILATOR MANAGEMENT IN ICU OF PUBLIC AND PRIVATE HOSPITALS IN BANGKOK. THESIS ADVISORS: SOMSRI DAOCHAI, M.Sc., CHUSAK VEJBAESYA, M.D., Ph.D., YOUNGYUTH KAJORNPREDANON, M.Sc. SOMCHART MANEENOY, M.Sc. 134 P. ISBN 974-664-831-4

The research objective is to study the status and problems of managing ventilators in Intensive Care Unit of public and private hospitals in Bangkok.

Data was collected from groups of personnel in ten government hospitals and ten private hospitals in Bangkok. The questionnaire was designed to cover all of the objectives relating to the status and problems of managing ventilators. There are four sets of questionnaires designed for four groups of personnel in the hospital: managers, physicians, senior nurses and technicians. The results were calculated by the Statistical Package for Social Sciences (SPSS) for descriptive statistics. The non-parametric Mann-Whitney U test was used to test the difference between private and government hospitals.

According to the results, most problems were found with the maintenance and the lack of knowledge and insufficient training of personnel. Almost all of the hospitals lack sufficient maintenance staff who are knowledgeable about ventilators. By comparison of the status and problems between government and private hospitals in Bangkok, there were few significant differences ($P < .05$).

This study and its implications can be useful for developing an effective management plan as well as future research.