

## PREDICTORS OF BS RESPIRATORY THERAPY LICENSURE EXAMINATION PERFORMANCE FOR FIRST-TIME TAKERS IN 2019, 2021, AND 2022

Anna Monina P. Dela Cruz <sup>1</sup>, Ryan Christopher Santos<sup>2</sup>, Paola Divine L. Prieto<sup>2</sup>, Rodolfo Justado<sup>2</sup>, Kathyree C. Umali<sup>2</sup>, Jedediah Posecion<sup>3</sup>

<sup>1</sup>Dean,<sup>2</sup>Faculty and Research Coordinator, <sup>3</sup>Secretary College of Respiratory Therapy  
Dr. Jose G. Tamayo Medical University

PHILIPPINES

### ABSTRACT

The study used a descriptive correlation design to describe academic performance, pre-board examination, and board examination first-takers of 2019, 2021, and 2022. Fifty-two (52) graduates who took the RT licensure for the first time were included in the study. The mean standard deviation, Pearson r correlation coefficient, and multiple linear regression were used to analyze all data in Excel and SPSS. The results reveal that the respondents' academic performance in professional subjects, pre-board examination, and their licensure examination by area is satisfactory in rating. The relationship between academic performance (GWA) and respiratory therapy licensure examination (RTLE) performance for 2019 and 2022 is moderately positive and strong or high-positive correlation, respectively. While 2021 has a weak or low positive correlation, this indicates that GWA plays a significant role if it is correlated with RTLE performance. For the relationship between pre-board examination (PB) and RTLE performance, years 2019 and 2021 received a moderate positive correlation, but year 2021 is non-statistically significant. The 2021 pre-board examination is taken through a virtual examination, which has limitations since it is the first time utilizing it. The year 2022 has a strong or high relationship between PB and RTLE. The students' academic performance (GWA) is significant in determining the success of students' licensure examination performance for 2019 and 2021. While pre-board examination scores are a better predictor of licensure examination performance for 2022 board takers than academic performance. The study recommends enhancing the course curriculum to ensure the quality of instruction. To continue administering the pre-board examination, strengthen it by varying the examination content, The College may also reevaluate teaching strategies and content vis-à-vis the table of specifications provided by PRC and the manner of test questions in the actual RT LE in the said areas. A follow-up study can be done for further study.

**Keywords:** board examination performance, pre-board examination, academic performance (GWA)