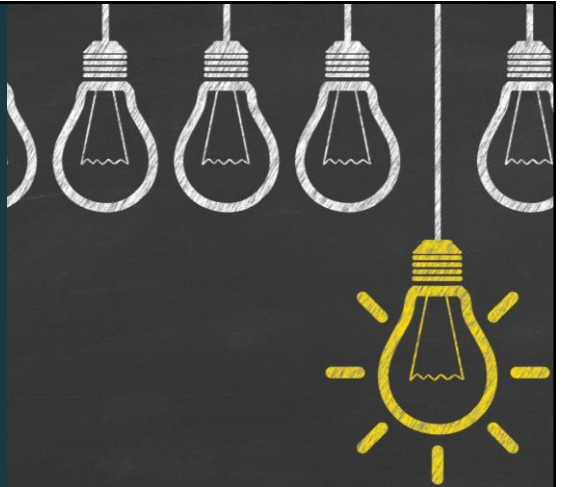


EMOTIONAL INTELLIGENCE AND THE ATI-NCLEX-RN PREDICTOR EXAM

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Relationship of Undergraduate Nursing Students' Emotional Intelligence, Critical Thinking, and Resilience to Performance on the ATI-NCLEX-RN Comprehensive Predictor Examination



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Purpose

Determine significant predictors of ATI-NCLEX-RN Comprehensive Predictor Examination Performance among undergraduate baccalaureate nursing students among the variables of Emotional Intelligence (EI), Critical Thinking (CT), and resilience

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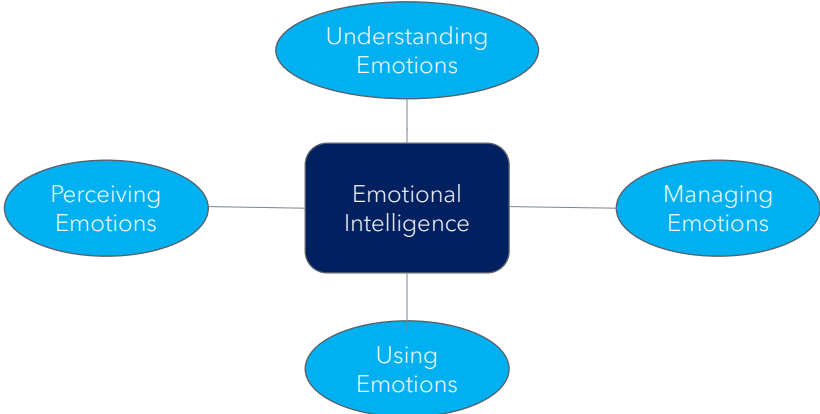
Background

- Nursing Workforce
- NCLEX-RN
- ATI Comprehensive Predictor Exam
- Predictors of passing NCLEX-RN
- Predictors of academic performance

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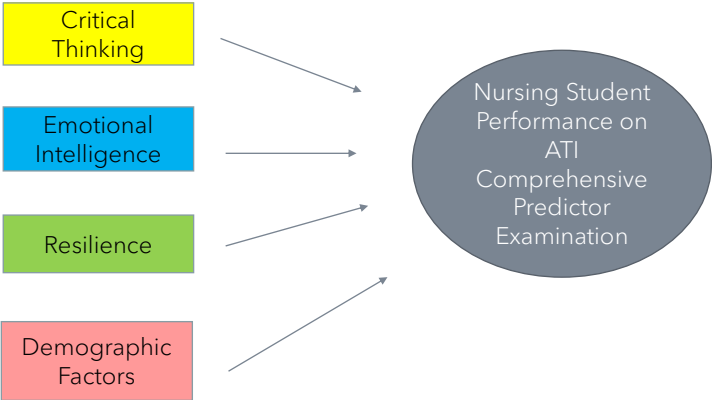
Emotional Intelligence

4 Branch Abilities Model



Mayer & Salovey, 1997

Power of Personal Attributes



Hypothesis

There will be a significant association between EI, CT, resilience, and other demographic factors to nursing student test performance on the ATI-NCLEX-RN Comprehensive Predictor Examination at the alpha level, $\alpha = .05$.

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Methods

- Exploratory, cross-sectional, predictive, correlational design
- Nonprobability convenience sample of 45 BSN students
- Surveys:
 - Demographics
 - MSCEIT V2.0
 - CCTST
 - CD-RISC
- ATI-NCLEX-RN Comprehensive Predictor Examination Scores
- Pearson r correlations and multiple linear regression

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Results

- **Yes**--Statistically significant positive correlation between CT and test performance
($r = .47, p = .001$)
- **No**--No statistically significant correlation found between EI and test performance
- **No**--No statistically significant correlation found between resilience and test performance
- **Surprise Finding**--Statistically significant negative correlation between use of 2.0 Nurse Logic Resource and test performance ($r = -.51, p = < .001$)

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Results

- Neither EI or resilience were significant predictors
- Significant predictors:
 - Age** ($B = 3.27, t = 2.07, p = .047$) age 25-40 years
 - Use of Nurse Logic 2.0** ($B = -6.42, t = -.4.08, p < .001$)
 - Critical Thinking** ($B = 0.34, t = 2.70, p = .011$)

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Results

- Findings of the overall linear regression were statistically significant $F(12,32) = 3.34, p = .003, R^2 = 0.556$
- Collectively, demographics (gender, age, ethnicity, previous work experience, previous degree, use of Nurse Logic 2.0 resource, and native language), EI, CT, and resilience **SIGNIFICANTLY predicted** ATI-NCLEX-RN Comprehensive Predictor Examination test scores, supporting the hypothesis.
- **Limitations:** Homogenous nonprobability convenience sample limiting generalizability

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Conclusion

- CT is critical factor to success on ATI-NCLEX-RN predictor exam
- EI, CT, and resilience along with demographic factors collectively predicted test performance

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Implications for Practice

- Consider synergistic effects of EI, CT, and resilience to test performance
- Expand studies to determine how these variables work together
- Design curricula that supports development of the learnable attributes of CT, resilience, and EI

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Thank You



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