

# Certified Neuro Practitioner (CNP®): A Neuro Certification Course for Healthcare Students

Patricia Bartolome, OTD/s, CNS, ITOT  
Site Mentor: Michael Ang, OTD, OTR/L, CNS  
Faculty Mentor: Michelle Kornet, MBA, MS, OTR/L, CHT



## DCE Site: The Neuro Specialist Institute

- Nonprofit organization in Pasadena, CA
- Continuing education provider
- Home of Certified Neuro Specialist (CNS®)
- **Mission:** to provide high-quality and affordable certification programs for practitioners who are passionate about neurological conditions



## Identified Needs

1. Development of certification course for students
2. Increase student marketability as a new graduate
3. Improve student self-efficacy and competency in neurorehabilitation

## Learning Objectives

1. Developed a certification course for healthcare students
2. Implemented and evaluated the certification course
3. Obtained pedagogical skills in academia
4. Obtained advanced clinical knowledge and skills in adult neurorehabilitation

## Literature Review

- Continuing education activities improve knowledge and competency, enhance motivation for learning, improve quality of care, and increase clinical practice (Al-Ansari & Nazier, 2018; Riog Jornet & Kalenderian, 2018).
- Employers tend to seek candidates that have a higher level of education or completed additional training as they are more prepared for the specific line of work (Kliucharev & Latov, 2016).
- Gaining clinical practice in neurorehabilitation is key to improve quality of care and care management of patients with highly complex conditions (Bartolo et al., 2012).

## Program Description & Implementation

### Program: Certified Neuro Practitioner (CNP®)

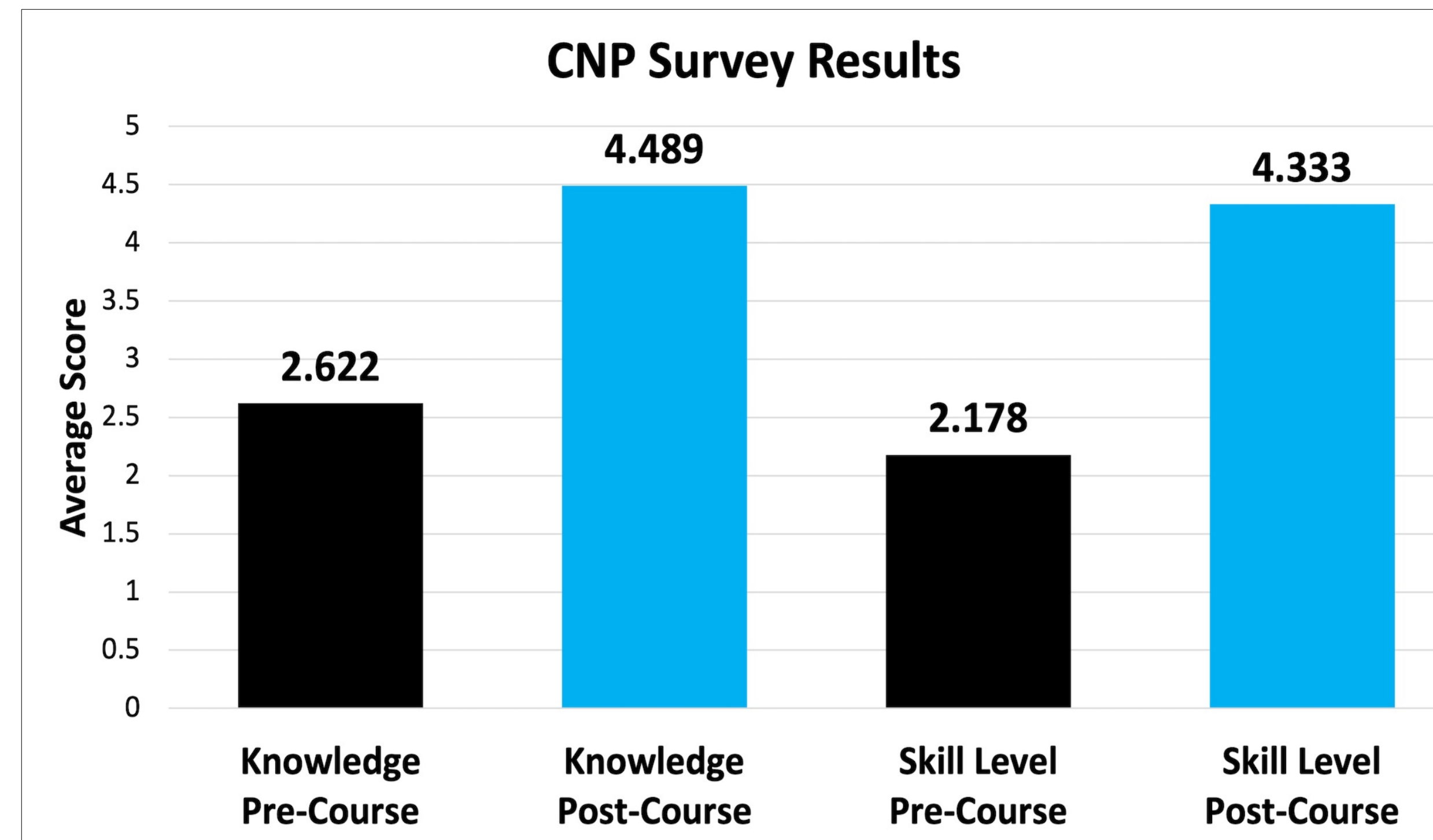
- Entry-level certification course for current healthcare students
- Covered foundational knowledge and skills of evidence-based neurorehab interventions
- One-day, eight-hour course hosted via Zoom



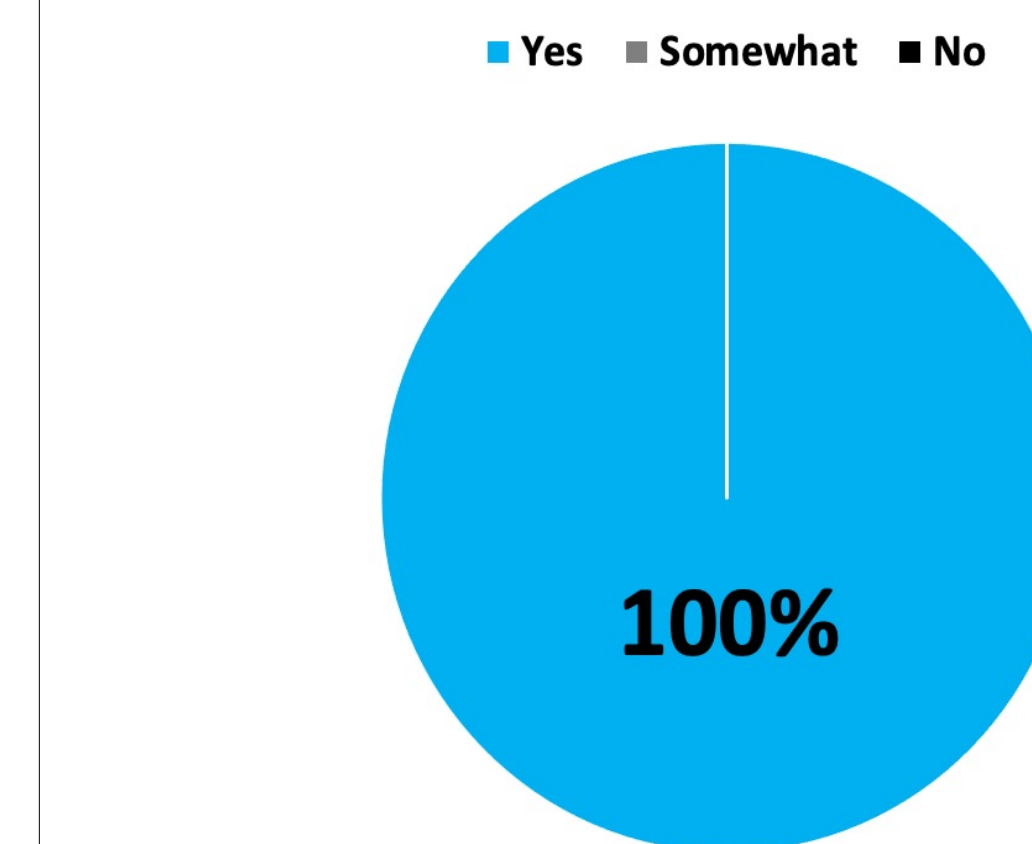
### Course Topics:

- 1 Abnormal Tone Management
- 2 Neuro-based Weight Bearing
- 3 Advanced Range of Motion
- 4 Grasp & Release
- 5 Mobility, Positioning, & Transfers

## Evaluation Outcomes



### Did you find CNP beneficial to your academic career?



### Themes:

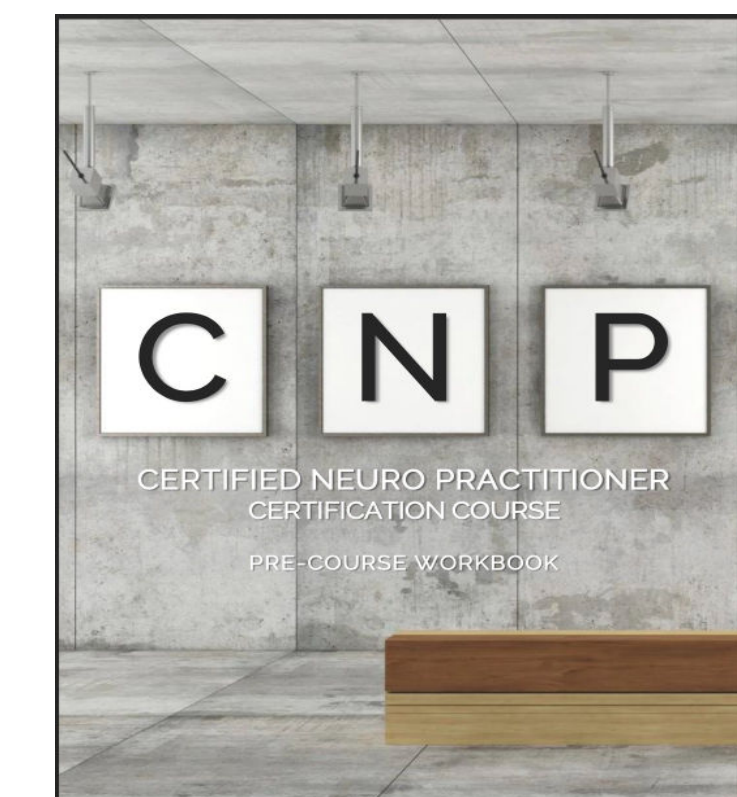
Quality of Instruction

Improved Confidence in Neurorehab

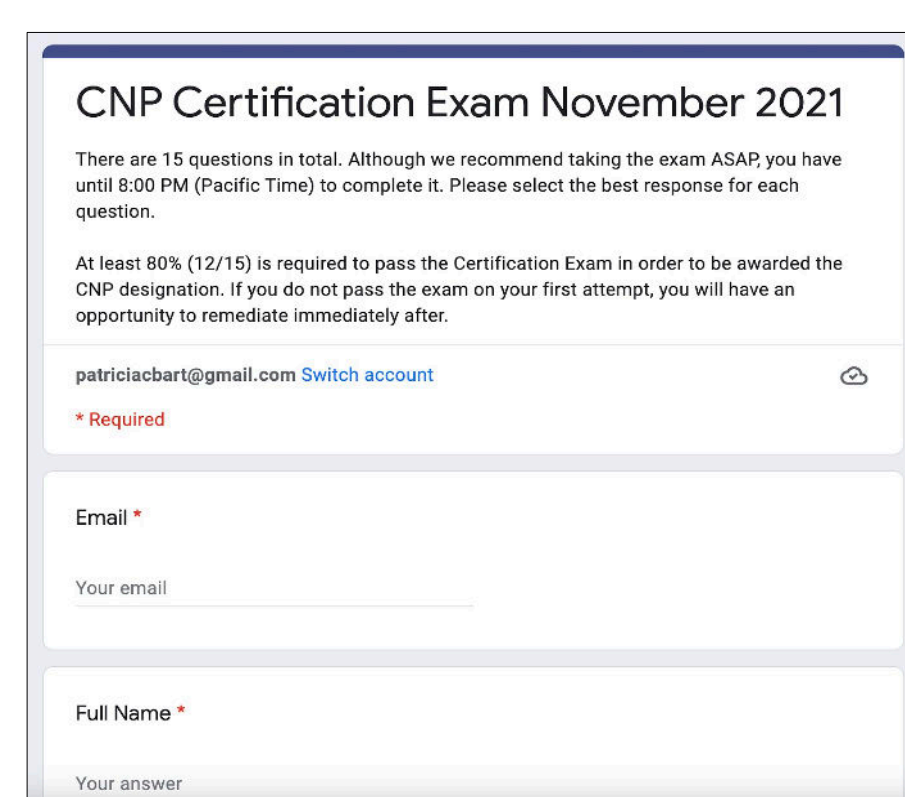
Students Yearn for More Certification Courses

- Average rating of perceived knowledge and skill level in in neurorehab interventions **both increased** after CNP
- Paired samples t-test yielded **p-values < 0.001**, indicating results **statistically significant**
- **All** survey respondents **found CNP beneficial** to their academic career

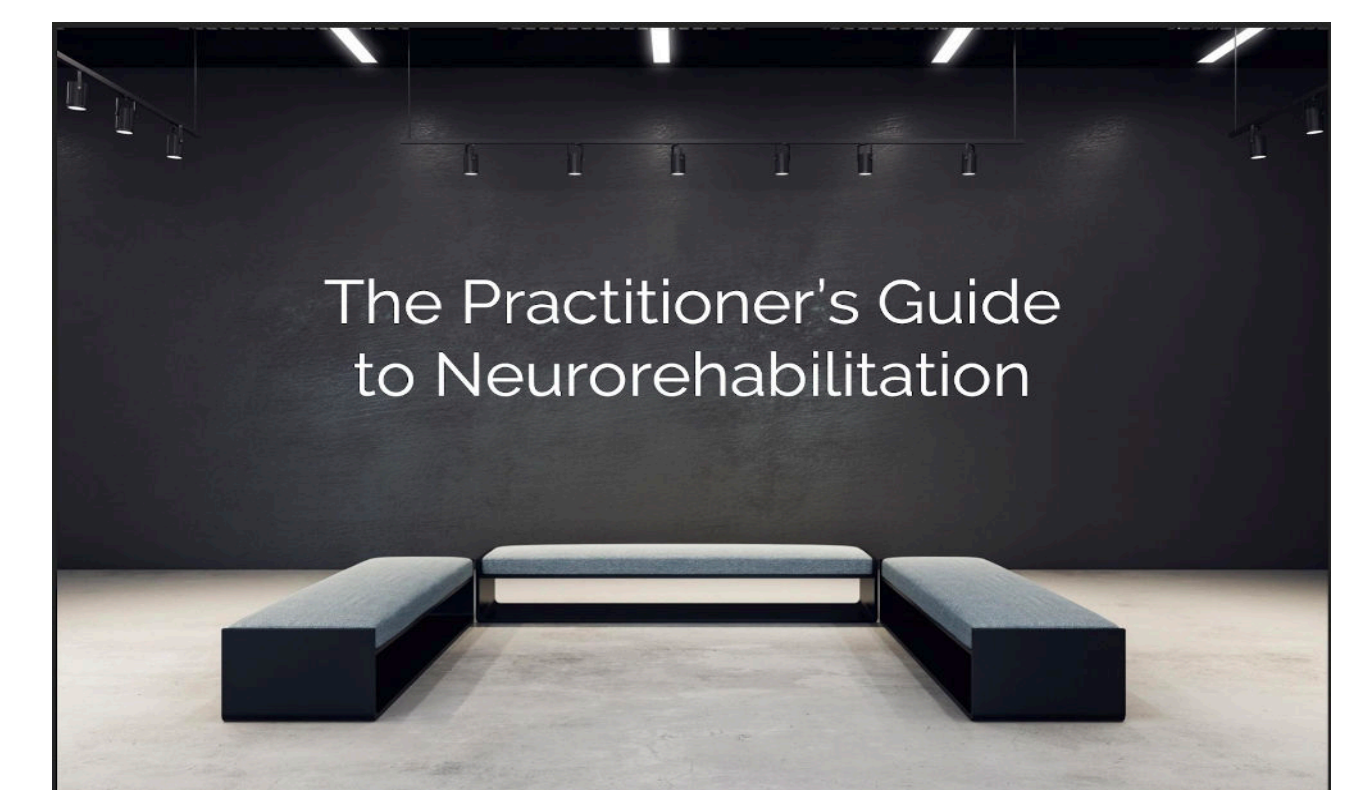
## Scholarly Deliverables



Pre-course Workbook



Certification Exam



Course Book

## Acknowledgements

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References available upon request