

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

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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



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



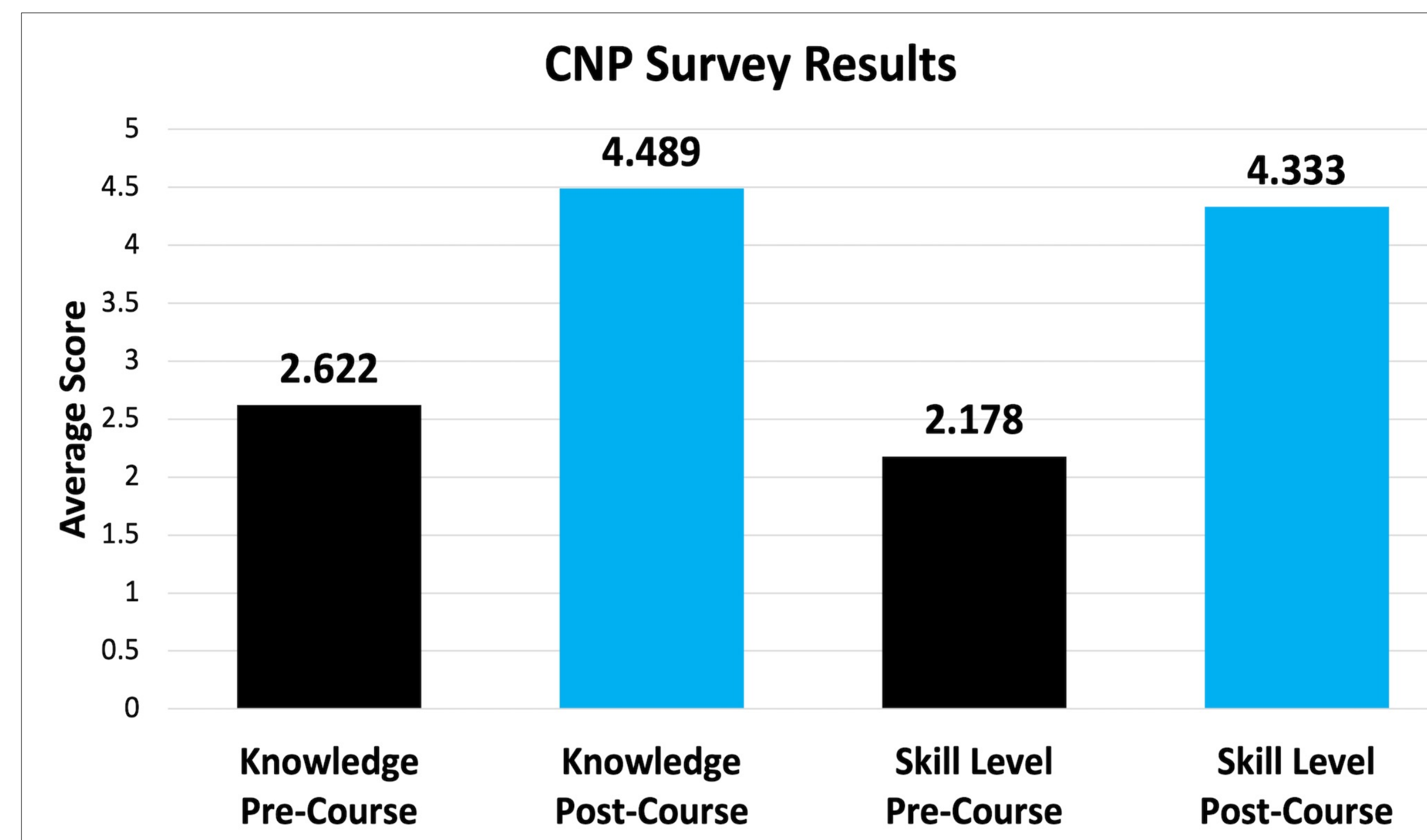
Identified Needs

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

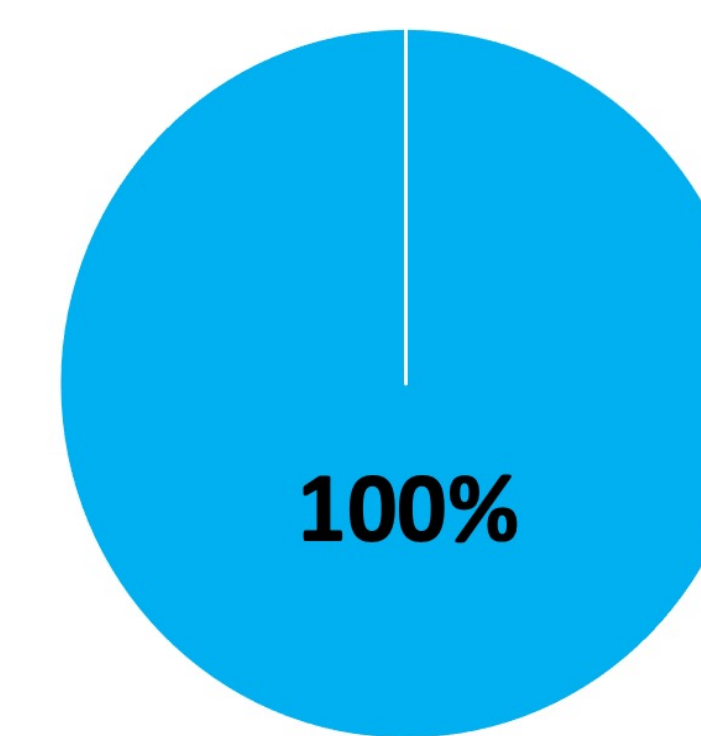
1. Developed a certification course for healthcare students
2. Implemented and evaluated the certification course
3. Obtained pedagogical skills in academia
4. Obtained advanced clinical knowledge and skills in adult neurorehabilitation

Evaluation Outcomes



Did you find CNP beneficial to your academic career?

■ Yes ■ Somewhat ■ No



- Average rating of perceived knowledge and skill level 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

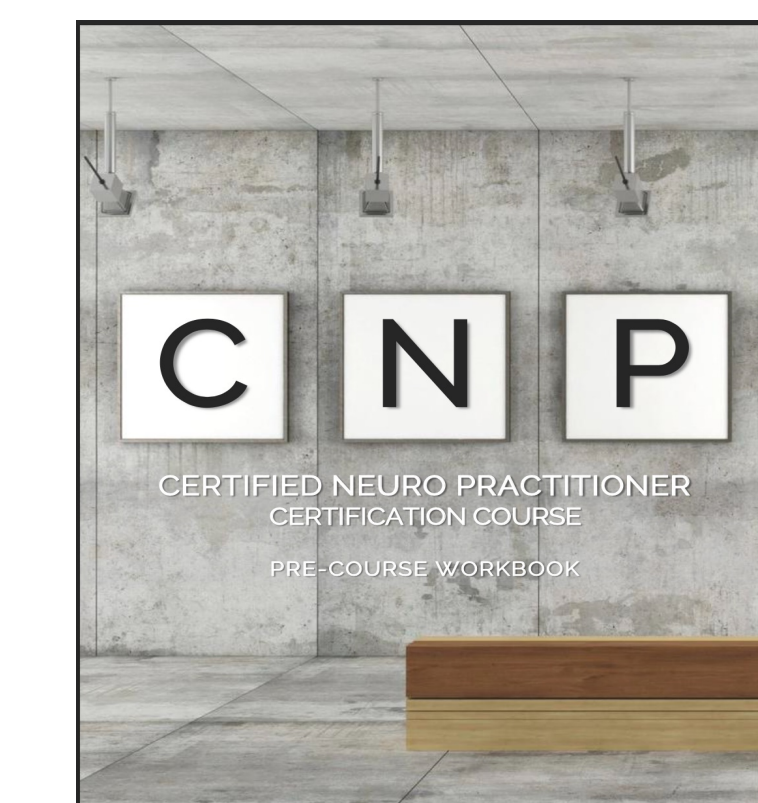
Themes:

Quality of Instruction

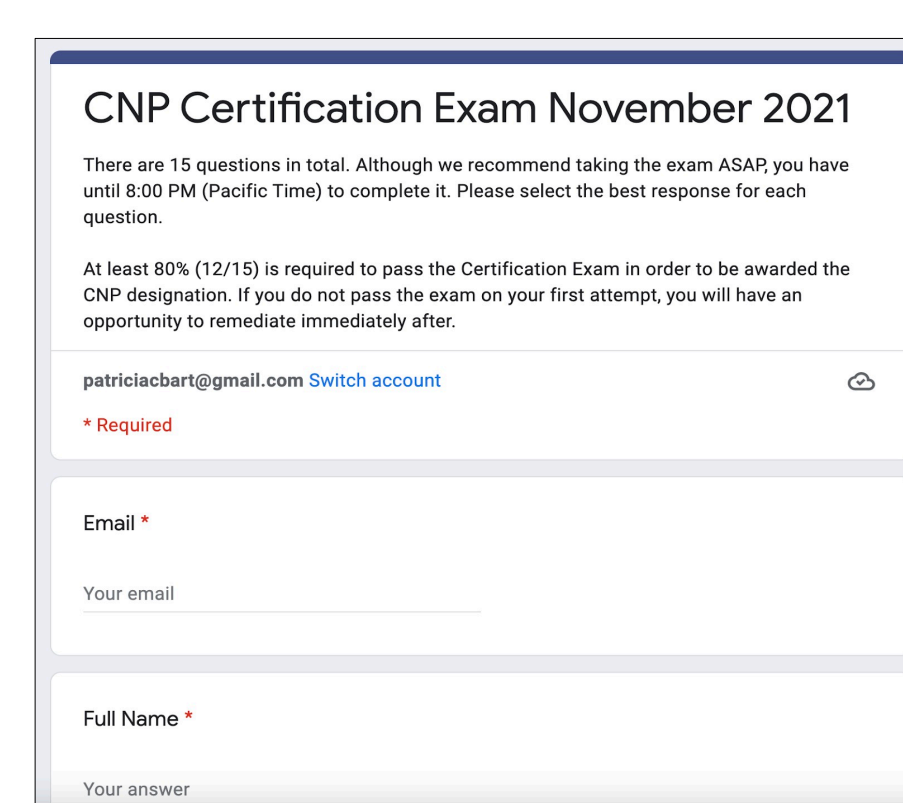
Improved Confidence in Neurorehab

Students Yearn for More Certification Courses

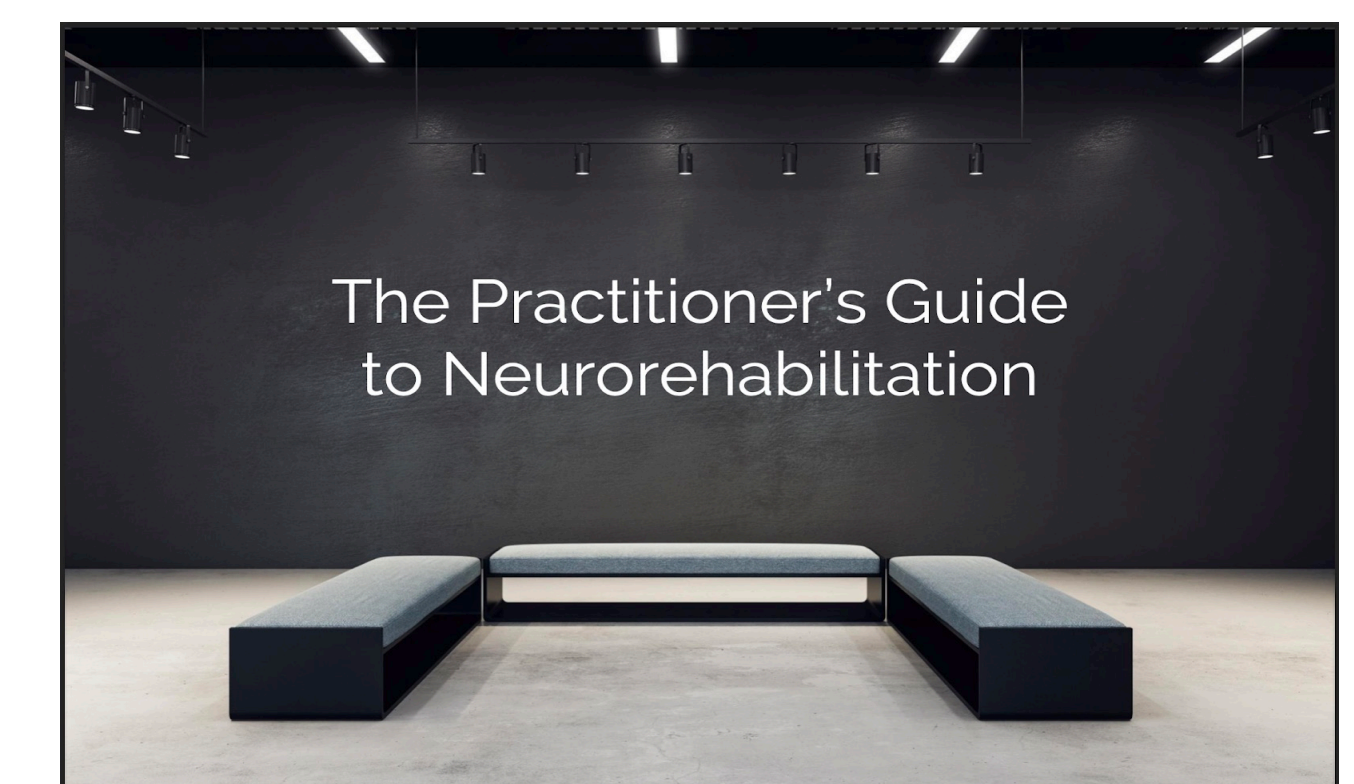
Scholarly Deliverables



Pre-course Workbook



Certification Exam



Course Book

Acknowledgements

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References available upon request