

**Licensing requirements for the healthcare provider in the  
United States and where it can take you.**



Dr. Stephen Lee, D.C.

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# Outline

- About Dr. Lee
- NBCE
- The Issue
- The Solution
- Development of the Method & Device
- ROBRADY
- Product Development
- I.P.
- Regulatory
- Clinical Trials
- Production
- Commercialization

**Dr. Stephen Lee**

**ZIIVAA**

## Inventor and Chief Clinical Officer



- Dr. Stephen Lee began his career in 2000 as a Doctor of Chiropractic.
- Dr. Lee is the founder and owner of Lee Chiropractic, and has been working with the athletes for over 10 years. He graduated with honors from Life University in Marietta, GA prior to that he graduated from Auburn University with a Bachelor of Science degree. Dr. Lee brings the experience of over 10 years as an athlete, and views his practice as an opportunity to help other athletes achieve their health and performance goals

## Enhanced Knowledge

- Pettibon
- Pediatrics Adjusting
- Chiropractic Bio-Physics (CBP)
- Thompson
- Full Spine
- Diversified
- Extremity Adjusting
- Toggie
- Logan Basic
- Gonstead
- Grostic
- Fernandez Discipline
- Pediatrics Nutrition
- Cranio Sacral Technique
- ICPA Modules I-V

## Honors

- Licensed to Practice Chiropractic in the State of Florida
- 2000 - Present Member of Florida Chiropractic Society
- 2000 Certified in The Webster Technique
- 1999 Board Certified in Physiological Therapeutics
- 1997 – Present Member International Chiropractic Association
- 1997 – Present Member International Chiropractic Pediatric Association

## Honors



- 1995 – 96 Academic All-Southeastern Conference While a Member of Auburn University's Track and Field Team
- 1993, 94, 95 – Auburn Scholar Athlete While a Member of Auburn University Track & Field Team

## Treating Athletes



Dr. Lee is trained in a variety of treatment methods, with a particular emphasis on treating sports injuries. His extensive athletic background has given him first-hand experience with most of the sports injuries that he treats. Dr. Lee has been Chiropractor to numerous elite athletes, including: Olympic Gold Medalists, NCAA Champions, and numerous high school and college golfers, baseball, volleyball, soccer, wrestlers, basketball and football players.



## **NBCE: National Board of Chiropractic Examiners**

- Licensing Board for all Chiropractors in the United States
- Consists of 4 Parts.
- Must pass the prior exam before taking the next
- Each State has it's own requirements
- Must graduate from accredited University
- Optional: Physiotherapy and Acupuncture

## Part I

- Examination in: 6 basic science areas: general anatomy, spinal anatomy, physiology, chemistry, pathology, and microbiology
- Each subject has 110 standard questions
- Test is 90 minutes long per science area.

## Part II

- 6 Clinical Science areas
- 110 questions each
- General diagnosis, diagnostic imaging, principles of chiropractic, chiropractic practice, and associated clinical sciences
- Each section is allotted 90 minutes testing time with 20 minute break in between

## Part III

- **Addresses 9 Clinical areas:** case history, physical examination, neuro-musculoskeletal examination, diagnostic imaging, clinical laboratory and special studies, diagnosis or clinical impression, chiropractic techniques, supportive interventions, and case management.
- **Consists of two books: 110 questions and 10 case vignettes**
  - Each book has 55 questions, plus 5 case vignettes
  - Each of the 5 case vignettes contain 3 extended questions
  - Each extended question requires 3 answers
  - Each book is allotted 2 hours of testing time

## Part IV

- Administered twice a year at chiropractic college test sites throughout the US
- One general passing score accepted for each State
- Three major areas of testing
  - X ray interpretation and diagnosis
  - Chiropractic technique
  - Case management

## Part IV: Diagnostic Imaging

- Consists of 10 Stations: 4 minutes per station
- Each station will have diagnostic studies and other case history for review
- Each station has 2 extended questions with each question having 10 answer choices
- The examinee will be required to select two of the most correct choices
- Imaging may be: X ray, MRI, CT, Radionuclide bone scan, or diagnostic ultrasound

## Part IV: Chiropractic Technique

- Five stations with five minutes per station
- The examinee will be given a written description of two vertebral or extremity subluxations: includes two chiropractic techniques to include proper patient positioning, segmental contact point, doctor hand positioning
- The examinee will place the patient in proper position and demonstrate proficiency
- Examinee will also be required to static and motion palpate the patient to determine certain bony landmarks and/or normal joint movement

## Part IV: Case Management

- 20 Stations: 5 minutes per station
- At each station the examinee will be required to:
  - Perform a brief (focused) case history
  - Perform a brief (focused) physical examination
  - Perform a brief (focused) orthopedic/neurological examination
  - Choose the most likely diagnoses and/or clinical impressions
  - Choose the most appropriate case management procedures
  - Choose the neurological signs most likely to be present
  - Choose the most appropriate orthopedic/neurological tests to perform



## Part IV: Case Management continued

- Examinee will perform these test on patients who are trained to simulate a specific condition
- Examinee will be evaluated on their clinical skills as well as their ability to communicate with the patient
- Examinees will be evaluated on their ability to fully explore the parameters of the patient's condition to elicit specific clinically relevant elements of the history from the patient
- There will also be a verbal component in which the examinee will be required to explain their line of thinking and rationale to the examiner
- At the post encounter station that immediately follow the simulated patient stations, the examinee will be required to answer two questions related to the condition exhibited by the patient
- This is a time sensitive test with 5 minute allotted to complete the required task at each station
- Success in this examination will depend on the examinee's efficient and skillful performance of the required tasks, as well as on the effective use of the allotted time

# Optional Examinations:

- **Acupuncture:**
  - An elective examination that consists of 200 standard questions
  - Examination divided into 2 books (100 questions each)
  - Each book is allotted 90 minutes each
  
- **Physiotherapy:**
  - An elective examination that consists of 92 standard questions and 2 case vignettes
  - Each case vignette contains 3 extended questions
  - Each extended question requires 3 answers
  - Allotted 90 minutes of time to complete the examination