

October 11, 2019

State Board of Chiropractic Examiners

To Whom It May Concern:

This letter is to state that as Director of Parker Professional Programs, I have reviewed the speakers below and determined that they are post-graduate level instructors, through a curriculum vitae or resume, and they have knowledge, training and expertise in the topics to be covered for “Chiropractic Management of Lumbar Disc Derangements”. The documentation appears to fall within chiropractic guidelines of the various state boards.

Parker University  
Continuing Education  
2540 Walnut Hill Lane  
Dallas, Texas 75229  
[www.parker.edu](http://www.parker.edu)

William Morgan, DC

Please contact me if further information is needed, my direct phone number is 214-902-3492, or via email at [pfrase@parker.edu](mailto:pfrase@parker.edu).

Sincerely,



Phyllis Frase-Charrette  
Director of Professional Programs

## **METHOD OF CERTIFYING IN ONLINE ACTIVITIES**

1. **Name of Course:** Chiropractic Management of Lumbar Disc Derangements
2. **Organization Sponsoring the Course:** Parker University
3. **Course Objective:** To enhance the expertise of the Chiropractic Professional.
4. **Study Hours Required:** 5 Online
5. **Instructor(s):** William Morgan, DC
6. Educational background and experience of instructor(s) is on file in the University offices.
7. **Attendance Verification Method and Certifying Officer:** FL Licensees are required to provide a valid driver's license to be awarded CE. The Online presentation is delivered via web pages in which the participant must review anatomy images, read supporting text, listen to audio instruction, and answer test questions. The time the participant spends on each page is logged and tracked. In addition, the test questions must be passed, or the participant cannot continue on to the following pages. The computerized log files that track the participant's access time and usage will be utilized to validate the attendance and participation. The instructors will be available for questions via e-mail. Upon successful completion, Parker University Continuing Education Department will maintain and distribute attendance records.
8. **Textbooks and/or Equipment Required:** Internet
9. **Outline of Material Covered:** Attached
10. **Location(s):** Computer/Internet Based
11. **Date(s):** Based upon date of actual completion

## Curriculum Vitae

**Name:** William E. Morgan, D.C.

**Address and Phone Number:**

Office of the President  
Parker University  
2540 Walnut Hill Lane,  
Dallas, TX 75229

(240) 750-3891, Mobile

Work Email: [Wmorgan@Parker.edu](mailto:Wmorgan@Parker.edu)  
Private Email: [MorganDC@gmail.com](mailto:MorganDC@gmail.com)

SSN: XXX XX 6420

**National Provider Identification Number:** 1841251436

**Marital Status:** Married to Fellow Chiropractor Clare Morgan since 1987

**Education:**

Prerequisites for chiropractic college. Diablo Valley College 321 Golf Club Road, Pleasant Hill, CA 94523	January 1982
Doctor of Chiropractic, Palmer College of Chiropractic-West. 90 E. Tasman Drive, San Jose, CA 95134	September 20, 1985
Bachelor of Science. The University of the State of New York at Albany (now Excelsior College). 7 Columbia Circle, Albany, NY 12203-5159	December 20, 1996

**Post-Doctoral Credentials:**

Fellowship in Integrated Medicine (2000 hours). National Naval Medical Center, Bethesda Texas Chiropractic College credentialed this fellowship Texas Chiropractic College 5912 Spencer Highway Pasadena, Texas 77505-1699	May 31, 2004
Diplomate American Academy of Pain Management (DAAPM), 2004 American Academy of Pain Management 13947 Mono Way #A Sonora, CA 95370	July 19, 2004
Battlefield Acupuncture/Articular Acupuncture Camp David Medical Department Thurmont, Maryland	January 15, 2014
Selective Functional Movement Assessment	September 6, 2014

Certification Course  
Walter Reed National Military Medical Center, Bethesda, Maryland

Graston Myofascial Release Certification Course 2002

### Employment History

Name and Address of Employer	From	To
(1) Parker University, President 2540 Walnut Hill Lane, Dallas, TX 75229	June 15, 2016	Present

Work Performed: Duties of university president and head of Parker Seminars.

(2) U.S. Navy National Naval Medical Center (NNMC) Bethesda, Maryland 1998-2011 Walter Reed National Military Medical Center 2011-Present	1998	2016
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Work Performed: Chiropractic care, department head responsibilities (NNMC), research coordinator, patient advocacy, lecturing, supervision of other clinic personnel, provide care to distinguished visitors, and implementation of rehabilitation programs.

Chiropractor to Congress: Maintain a clinical practice within the U.S. Capitol building working in the Office of the Attending Physician twice a week providing care to the U.S. Congress and the Supreme Court.

Provide chiropractic care at the White House and Camp David as a visiting consultant.

Train and supervise medical and chiropractic students, interns, and residents. Train dental residents (oral facial pain specialty training) rotating through the chiropractic department.

Research investigator.

	From	To
(2) United States Naval Academy Annapolis Maryland	August 12, 2009	June 8, 2016

Worked Performed: Provide chiropractic care to elite athletes as the chiropractor to the United States Naval Academy football team; provide care for Naval Academy athletes after practices, prior to games, and on the sidelines of games. This position requires collaboration and integration with physicians, trainers, coaches, physical therapists, and nutritionists.

# Objectives and Program Schedule

Parker University  
*Management of Lumbar Disc Derangements*  
William E. Morgan, DC

## Module 1: Intro: Course Overview 30 minutes

- Broadly define the parameters of this course
- Explain lumbar disc herniation (video with explanation)
- Define the realistic expectations of managing lumbar disc derangements including the timely referrals to other specialties as appropriate
- Outline the natural course of a disc herniation

## Module 2: Defining Lumbar Disc Derangements 30 minutes

- Anatomy
- Mechanism of disc motion, diurnal effects, and disc viscoelasticity/plasticity
- Introduction to mechanism of injury (video of someone sitting at a desk and video of someone doing sit ups)
- Standardized Nomenclature and Definitions

## Module 3: Clinical Presentation of Lumbar Disc Derangements 30 minutes

- Signs, symptoms, and history
- Red Flags
- How to identify when a lumbar disc derangement is a medical emergency
- Centralization and peripheralization of radicular symptoms. Truncal flexion bias/truncal extension bias.
- Differential diagnoses

## Module 4: Orthopedic Neurology 30 minutes

- Orthopedic and neurologic presentation of lumbar disc lesions
- Radicular symptoms verses radiation of pain or peripheral neuropathy
- Disc herniation location and presentation

## Module 5: The Examination 30 minutes

- The orthopedic/chiropractic/neurological exam
- Training to be efficient; training to be proficient

## Module 6: The Role of Advanced Imagery in Evaluating Lumbar Disc Lesions 30 minutes

- Introduction to MRI views, image types, image orientation, and sequencing
- Orientation and sequencing of MRI images

- Image orientation and location descriptors
- Identifying image sequences
- MRI Image Types (T1 Weighted images, T2WI, Fat suppressed T2WI, Intermediate T2WI, Gadolinium enhanced T1WI, Fast spin echo (FSE), FSE STIR, Proton Density, Fat saturation, FIESTA (fast imaging employing Steady sTate Acquisition).
- Comparing T1 to T2 weighted images
- Criteria for ordering lumbar imagery

#### **Module 7: The Lumbar Disc on MRI 90 minutes**

- Lumbar Anatomy on MRI
- Gallery of lumbar disc herniations on MRI
- Stenosis and lumbar disc herniations
- Vertebral body bony edema associated with disc derangements
- Spondylolisthesis
- Fat: Spinal epidural lipomatosis, tethered cord syndrome, and other fatty lesions can cause disc-lesion-like symptoms. These lesions will be presented as a little known cause of radicular or spinal cord symptoms.

#### **Module 8: Activities of Daily Living 30 minutes**

- Relative disc pressures in various postures as described by Alf Nachemson.
- Remove the cause: Identifying what is provocative to a disc lesion and avoiding it is probably the best treatment available.
- Identification of potential harmful postures along with useful remedies: Sitting, standing, sleeping, driving, squatting, lifting, and other ADLs will be reviewed and critiqued.
- Squatting and rising without injury
- Establishing safe grooves of motion
- Applying manual therapy to the proper candidates

#### **Module 9: Exercise and Disc Herniations 15 minutes**

- Aerobic exercise
- Exercises to avoid
- Therapeutic exercises: Extension exercise
- Core stabilization
- Consider the benefits of augmented exercise and apply these methods

#### **Module 10: Physiologic Factors in the Management of Disc Derangements 15 minutes**

- Pain control

- Disc herniation regression: The physiology of reabsorption and factors that influence reabsorption
- Why disc bulges resist reabsorption
- Plasticity, elasticity, and creep
- Diet, weight, and smoking
- Vertebral body endplate changes after herniation and subsequent vertebral body edema and disc degeneration

**Module 11: Chiropractic Management of Herniated Lumbar Discs 30 minutes**

- Safety concerns with manual treatment of lumbar disc lesions
- Provocation testing in chiropractic adjusting/Adjusting in a non-provocative line of drive
- Continuous passive spinal motion
- Lumbar extension exercises and postural molding
- Timeline of treatment
- Hierarchy of care: The lumbar spine hierarchy pyramid of care

## ONLINE CE ATTENDANCE CERTIFICATE

**Name:** \_\_\_\_\_

**Title:** Online: XXXX

**Address:** \_\_\_\_\_

**Course #** XXXX

**Date:** XXXX

**City:** \_\_\_\_\_ **State:** \_\_\_\_\_ **Zip:** \_\_\_\_\_

**Location:** Online

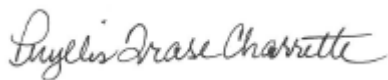
**STATE [only one per voucher]:** \_\_\_\_\_ **YOUR STATE LICENSE #:** \_\_\_\_\_

**DO NOT WRITE BELOW THIS BOX**

Completion Date	Class Hours	Course Title	Instructor
XX/XX/XX			

**TOTAL HOURS ATTENDED:** \_\_\_\_\_

**Board Approval No.** \_\_\_\_\_



\_\_\_\_\_  
**Phyllis Frase Charrette**  
Director, Parker Professional Programs

This certificate is to acknowledge your completion of the Online Continuing Education course shown above. This copy is for your records and can be submitted to your board of licensing. Please Note: Verify the information is correct upon receipt – discrepancies will only be accepted up to 6 months after the closing date of the course. Please keep this certificate in a secure place. Any replacement, copy, or fax will incur a \$25 fee per certificate.





These Questions are delivered via the Parker Seminars mobile App.

## Quality Feedback Survey

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Course Name: \_\_\_\_\_

Date: \_\_\_\_\_ Location: \_\_\_\_\_

### How did you hear about this Course?

Parker Brochure     School E-mail     Referral     Parker Web Site     Other \_\_\_\_\_

**Please score each speaker on an “A to E” scale, with “A” Extremely Satisfied and “E” being Extremely Dissatisfied.**

How would you rate this speaker

a      b      c      d      e

Rate the overall content of the session:

a      b      c      d      e

Rate the classroom & facilities:

a      b      c      d      e

Please add any additional comments:

a      b      c      d      e

Is there a certain speaker or topic you would like to see next time?:

a      b      c      d      e

12) What topics would be of interest to you for future classes?  
\_\_\_\_\_

**Comments:**  
\_\_\_\_\_

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### THANK YOU FOR YOUR FEEDBACK!

The purpose of this quality feedback survey is to provide information to the Instructors and to Parker University about extant standards of performance. **Your response will be held in confidence. You will not be identified in any way by reference to your response. For additional complaints or concerns regarding this program please contact Parker University at 800.266.4723.** Parker University will share the outcomes of this evaluation with the Instructor, and will keep a copy on file in the Continuing Education Office to demonstrate compliance with accreditation standards and requirements.