

II International Congress Research Meeting in Chiropractic

March 25th to 28th, 2019, *Madrid College of Chiropractic*



March 25th

9:00-10:00 Registration and welcome address by Rector Marceliano Arranz.

10:00-11:00 Scientific Conference: Basic Research

11:00-11:30 Coffee Break.

11:30-12:00 International Poster Presentation and Competition.

12:00-13:00 Scientific Conference: Clinical Research

13:00-14:00 Professional Workshop

14:00-15:00 Lunch.

15:00-16:00 Scientific Conference: Clinical Research

16:00-18:00 Parallel sessions

Session A: 4th Year Research Project Presentations

Session B: Case Report Presentations

March 26th

9:00-10:00 Registration.

10:00-11:00 Scientific Conference: Basic Research

11:00-11:30 Coffee Break.

11:30-12:00 MCC Poster Presentations.

12:00-14:00 Professional Workshop

14:00-15:00 Lunch.

15:00-16:00 Scientific Conference: Clinical Research

16:00-18:00 Master's Research Project Dissertations

March 27th

9:00-10:00 Registration.

10:00-11:00 Scientific Conference: Basic Research

11:00-11:30 Coffee Break.

11:30-12:00 MCC Poster Presentations.

12:00-13:00 Scientific Conference: Clinical Research

13:00-14:00 Parallel sessions

Session A: 4th Year Research Project Presentations

Session B: Case Report Presentations

14:00-15:00 Lunch.

15:00-16:30 Parallel sessions (A/B): Master's Research Project Dissertations

16:30-17:00 Congress Closing Remarks

Satellite Symposium: Chiropractic Management of Balance Disorders. An Introduction to Physical Examination, Treatment & Rehabilitation

Adam Klotzek, DC, DACBN, FACFN
Carrick Institute for Graduate Studies

March 27th

18:30-19:30 Satellite Symposium. Introduction.

March 28th

9:30-11:30:

1. Historical overview of balance disorders focusing on key milestones that have influenced the clinical decision-making process and the resultant treatment applications.
2. Overview of Applied Clinical Neuroscience and the Functional Neurology Paradigm in the chiropractic setting.
3. Overview of the clinical Anatomy of the balance system in humankind focusing on:
 - a. The Peripheral Vestibular System
 - b. The Central Vestibular System
 - c. The Proprioceptive System
 - d. The Visual System
4. What constitutes one's awareness of where they are in space and how is self-motion detected and or produced

11:30-11:50: Coffee Break

11:50-13:30:

1. Distinguishing between Dizziness & Vertigo & its clinical relevance
2. Overview of the main disorders producing dizziness and impaired balance
 - a. Peripheral Mechanisms
 - i. Benign Paroxysmal Positioning Vertigo
 - ii. Labyrinthitis
 - iii. Neuronitis
 - iv. Superior Canal Dehiscence
 - v. Perilymphatic Fistula's
 - b. Central Mechanisms
 - i. Central vestibular/cerebellar Dysfunction
 - ii. Velocity Storage Dysfunction
 - iii. Optokinetic Contamination
 - iv. Proprioceptive Dysfunction

13:30-15:00: Lunch Break



CARRICK INSTITUTE
CLINICAL NEUROSCIENCE AND REHABILITATION™

Satellite Symposium:
**Chiropractic Management of Balance Disorders.
An Introduction to Physical Examination, Treatment &
Rehabilitation**

Adam Klotzek, DC, DACBN, FACFN
Carrick Institute for Graduate Studies

15:00-16:30:

1. Benign Paroxysmal Positioning Vertigo
 - a. History
 - b. Exam Findings
 - c. Treatment
2. Labyrinthitis/Neuritis
 - a. History / b. Exam Findings / c. Treatment
3. Superior Canal Dehiscence
 - a. History / b. Exam Findings / c. Treatment
4. Perilymphatic Fistulas
 - a. History / b. Exam Findings / c. Treatment

16:30-16:50: Coffee Break

16:50-18:40:

1. Central Vestibular/Cerebellar Dysfunction
 - a. History
 - b. Exam Findings
 - c. Treatment
2. Velocity Storage Dysfunction
 - a. History / b. Exam Findings / c. Treatment
3. Optokinetic Contamination
 - a. History / b. Exam Findings / c. Treatment
4. Proprioceptive Dysfunction
 - a. History / b. Exam Findings / c. Treatment

18:40-19:00: Days summary and closing remarks