



This course will enhance the knowledge and skills of physical therapists, building upon entry-level training of orthopedic manual physical therapy in regards to joint movement for the lumbar spine, cervical spine, thoracic spine and pelvis. This course is based the Guide to Physical Therapist Practice, Manipulation Educational Manual, and the latest research and clinical implementation of spinal manipulation for physical therapists. The

focus of this course is safe and skillful application of the manipulation techniques taught in the class.

The majority of the class will feature extensive lab sessions. Physical Therapy clinicians will also be taught the latest research regarding issues related to spinal manipulation, including the history of spinal manipulation, demystifying the concept of the “audible pop,” clinical prediction rules, safety (including contraindications and precautions), consent for manipulation, efficacy of manipulation for spinal pain and models for the application of spinal manipulation. Furthermore, clinicians will be taught sound clinical reasoning skills to appropriately apply spinal manipulative procedures. Complimentary treatments such as exercise, education, modalities and more will be discussed and shown, to provide the clinicians with immediate clinical applicable information.

Safe and effective handling skills form the core of this course. Limited participants are allowed to ensure quality supervision and instruction.



**Adriaan Louw, PT, M.App.Sc (physio), GCRM, CSMT**

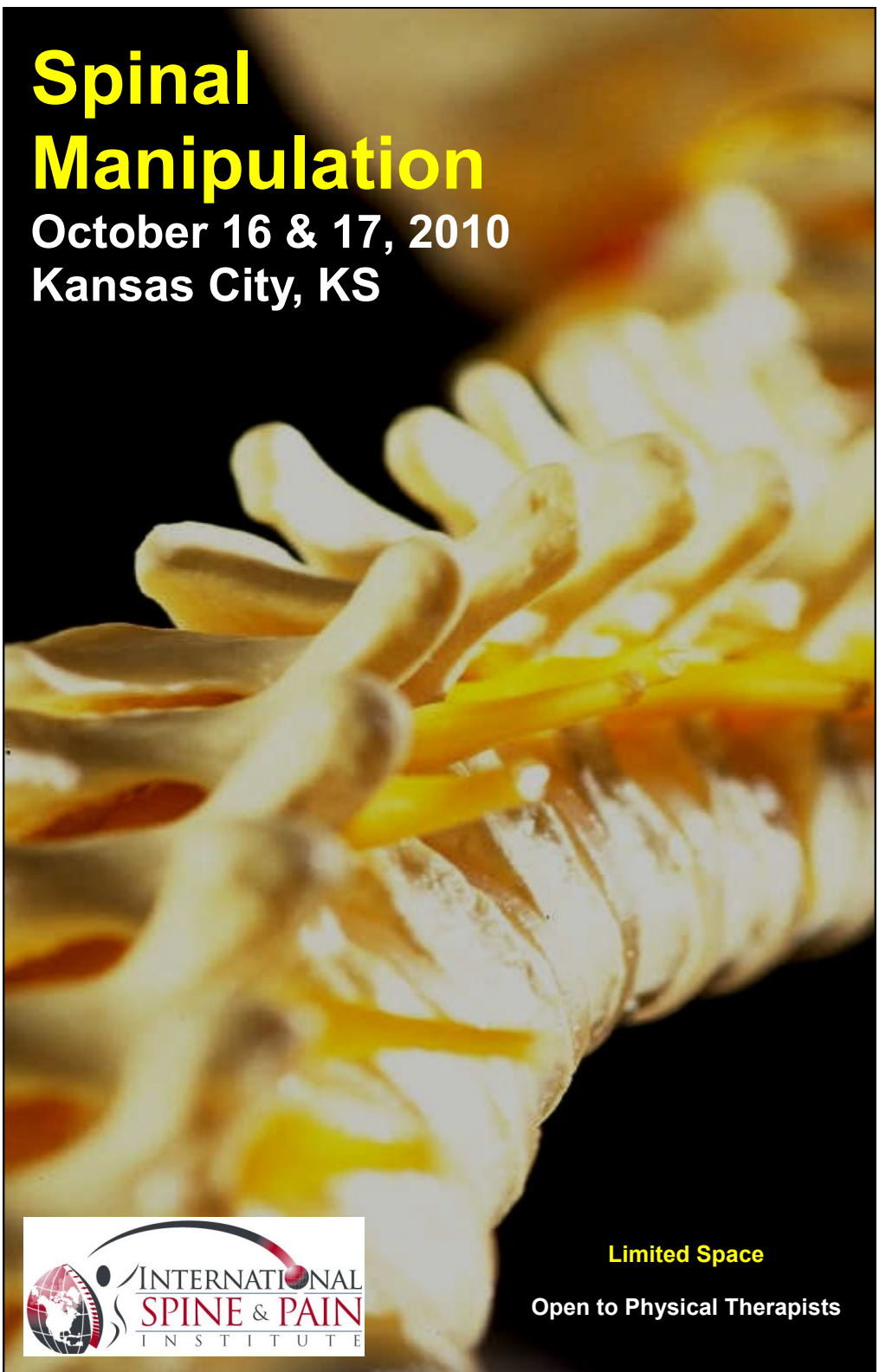
Adriaan Louw attended the University of Stellenbosch in Cape Town, South Africa, where he graduated in 1992 from an extensive physiotherapy program, including a very stringent manual therapy based training, following the concepts of Geoffrey Maitland. All training was geared towards direct access, diagnosis and first-contact practitioners. Adriaan is currently an adjunct faculty member at Rockhurst University, where he teaches spinal manipulative therapy for final year students. Adriaan is also an instructor with The Neuro Orthopaedic Institute (Australia) where he has been teaching with David Butler for more than 12 years. Adriaan is a part-time clinician and spine specialist for Physiotherapy Associates and has taught numerous post-graduate courses and conferences throughout the United States on topics related to spinal disorders. Adriaan also completed his Graduate Certificate in Research Methodology from the University of South Australia. Recently Adriaan completed his Masters degree in research into spinal surgery rehabilitation at his alma mater, the University of Stellenbosch and is now working on his PhD in neuroscience education.

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# Spinal Manipulation

October 16 & 17, 2010

Kansas City, KS



**Limited Space**

**Open to Physical Therapists**

# General Information

- This is an advanced course. It is intended for practitioners with skill in manual therapy and it is advised that therapists have at least basic manual therapy skills and clinical experience applying such manual skills.
- MD CEU application has been made.
- People applying for the course will need to show proof of current practice - copy of their license
- Course handouts will be provided
- Snacks, beverages will be provided

## Upon completion of the course, the participant will:

- Recognize the current best evidence for the implementation of spinal manipulation in clinical practice
- Have a working knowledge of the safety issues, precautions and contraindications to spinal manipulation and be able to apply them in the course and in clinical practice
- Safely and effectively apply the tests and techniques taught in the course
- Have a working knowledge in the choice of manipulative procedures in an evidence-based multi-modal approach to spinal pain including adjunct treatments such as exercise, mobilization, modalities and more

### Day 1

8:00 Introduction & Welcome  
 8:15 History of Spinal Manipulation  
 8:45 Evidence for SMT  
 9:15 Lab: Anterior Innominate  
 9:45 Break  
 10:00 The Audible Pop & Localization  
 10:30 Kinematics & Couple Motion  
 10:45 Lab: L1—L5 Rotation in N/E  
 11:15 Safety and Manipulation  
 12:00 Lunch  
 1:00 Lab: Thoracic PA thrust supine  
 1:30 Lab: C7—T3 prone Manip.  
 2:00 Informed Consent  
 2:15 Lab: SIJ Manipulation  
 3:00 Break  
 3:15 Reasoning & Treatment Models  
 4:00 Lab: Thoracic PA thrust in prone  
 4:30 Lab: C2-C7 Upslope - Cradle  
 5:00 Class ends

### Day 2

8:00 Questions and Review  
 8:15 Marketing Manipulation  
 8:45 Lab: C2—C7 Upslope—Chin  
 9:15 Lab: L1—L5 Rotation in N/E  
 9:45 Break  
 10:00 Lab: Thoracic Extension Sitting  
 10:30 State Practice Acts /APTA Guide  
 10:45 Lab: L1—L5 Rotation in N/E  
 11:15 Lab: C2—C7 Downslope: Cradle  
 12:00 Lunch  
 1:00 Lab: T10—L1 Rotation  
 1:30 Lab: C2—C7 Downslope—Chin  
 2:00 Case Studies  
 2:30 Lab: C7—T3 Thrust prone  
 3:15 Break  
 3:30 Clinical Implementation  
 4:15 Review of any/all techniques  
 4:45 Summary and Questions  
 5:00 Class ends



# Spinal Manipulation KS Registration Form

## STEP 1: DEMOGRAPHIC INFO

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

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

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

E-Mail: \_\_\_\_\_

## STEP 2: SELECT COURSE/S

Signing up for Spinal Manipulation \$495 \_\_\_\_\_

## STEP 3: PAYMENT

Check: Number \_\_\_\_\_ (Make check Payable to International Spine & Pain Institute)

Card Number: \_\_\_\_\_

Expiration: \_\_\_\_\_

Signature: \_\_\_\_\_

## STEP 4: PROFESSIONAL LICENSE

I am including a copy of my current professional license  PT

### Cancellation policy:

If written notification of cancellation is received to ISPI prior to the course start date, the participant may receive a letter of credit for the full amount, substitute someone in their place, or transfer to another course within 12 months of the cancellation without penalty. No monies will be refunded for cancellations. If the participant registered using a letter of credit, or if the participant has been transferred from another course, and the participant cancels, no other letter of credit will issued. All credits are forfeited. No money or credit will be issued for "no shows" at the course nor for cancellation any time after the course start date.

### Institute Cancellation:

If ISPI cancels the course due to unforeseen circumstances or if the minimum number of participants to hold the course is not met, full refunds will be awarded to registered participants. If, while the course is in progress, the course is interrupted by an "act of God" or other unforeseen circumstances, no refunds will be issued. ISPI is not responsible for any costs incurred by course participant in the event of an institute cancellation, including airline tickets.

### Hotel, Travel and Confirmation:

ISPI will mail out official confirmation notices.

Please do not make any travel or accommodation arrangements until you receive your confirmation

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