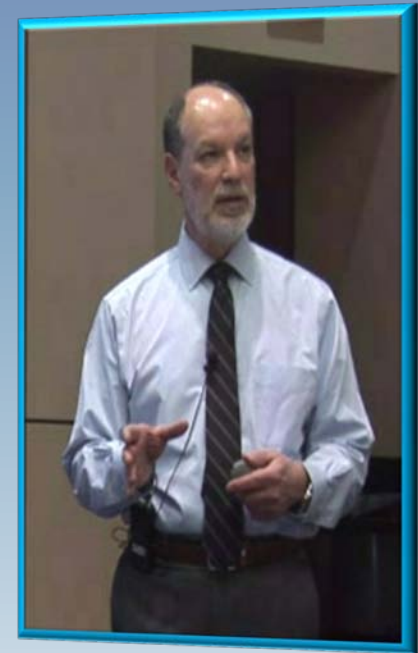




## Neuro-Visual Processing (Optometric) Rehabilitation and Visual/Postural Dysfunction Following a Neurological Event: A Three Part Series

**William V. Padula, OD, SFNAP, FAAO, FNORA**, is a graduate of Pennsylvania College of Optometry and is a fellow of both the American Academy of Optometry and the Neuro-Optometric Rehabilitation Association. Dr. Padula was the founding chairman of the American Optometric Association Low Vision Section and founding president of the Neuro-Optometric Rehabilitation Association. Dr. Padula's extensive research resulted in his discovery of Post Trauma Vision Syndrome and Visual Midline Shift Syndrome. He has authored books and numerous articles and has consulted and lectured extensively throughout the United States and abroad. He is currently the director of the Padula Institute of Vision in Guilford, Connecticut.





## Neuro-Visual Processing (Optometric) Rehabilitation and Visual/Postural Dysfunction Following a Neurological Event: A Three Part Series

**Raquel M. Munitz, M.S., COVT**, is the Administrative Director and Vision Therapy Director of holds a Masters degree in educational psychology from the Universidad Nacional Autonoma de Mexico. She is certified in Neurodevelopmental Treatment and is a Certified Optometric Vision Therapist (COVT). She is a recipient of the Advancement in Science Award from the Neuro Optometric Rehabilitation Association (NORA) and received recognition as Psychologist of the Year (2005) from the Alumni Association of the Universidad Nacional Autonoma de Mexico. She is currently in private practice.





## Neuro-Visual Processing (Optometric) Rehabilitation and Visual/Postural Dysfunction Following a Neurological Event: Level I

### Topic Index

#### Part 1:

Introduction

Goals for Levels I-III

Light and the Eyes

Visual Neocortex

#### Part 2:

Ambient Visual Process

Post Trauma Vision Syndrome

Visual Mismatch

Focal Binding

#### Part 3:

Focal Binding

Vision, Posture and Movement

Neuro-functional Development

Basic Components of Movement

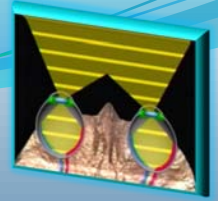
and Posture

#### Part 4:

Vision and Development

Base of Support

Observation of Posture



## Neuro-Visual Processing (Optometric) Rehabilitation and Visual/Postural Dysfunction Following a Neurological Event: Level I

### Topic Index

**Part 5:**  
The Ambient Process and  
Proprioception  
Posture and Visual Midline Shift  
Syndrome  
Prisms

**Part 7:**  
Postural Analysis

**Part 9:**  
NVPT Activities

**Part 11:**  
NVPT Activities

**Part 6:**  
Prisms  
Postural supports and external  
control  
Video Analysis of Posture

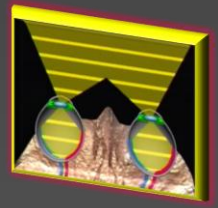
**Part 8:**  
NVPT Activities

**Part 10:**  
NVPT Activities

**Part 12:**  
Activity Review



# Padula Institute of Vision On-Line Video Seminars



## Topic Index.

### Part 1

Introduction  
Neuro-Visual Therapy Concepts

### Part 3

Steady Gaze  
Fusion & Convergence  
Postural Movement Concepts  
Prisms  
Visual Midline Shifts

### Part 5

Reflexes  
Visual-Vestibular Therapy  
Facilitation Practicum

### Part 2

Neuro-Visual Therapy Concepts  
Importance of Saccades

### Part 4

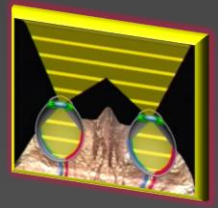
Center of Mass  
Assessing Posture  
Assessment of VMS  
Yoked Prisms  
Case Example

### Part 6

Neuro-Visual Therapy Activities



# Padula Institute of Vision On-Line Video Seminars



## Topic Index.

### Part 7

Neuro-Visual Therapy Activities

### Part 8

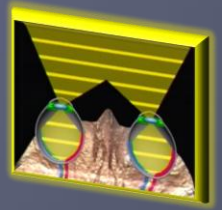
Neuro-Visual Therapy Activities  
NeurOpTrek'

### Part 9

Activities Review  
Practicum Experience



# Neuro-Visual Processing (Optometric) Rehabilitation and Visual/Postural Dysfunction Following a Neurological Event: Level III



## Topic Outline

### *Part 1*

Introduction

Discussion of Concepts

Assessing the Wheelchair Bound Patient

### *Part 2*

Assessing the Wheelchair Bound Patient cont.

Examining the Patient

Evaluating Posture

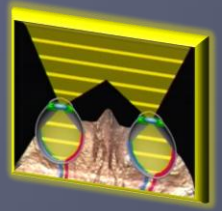
### *Part 3*

The Neuro-Motorically Involved Patient

Practicum: Observing Quality of Movement



# Neuro-Visual Processing (Optometric) Rehabilitation and Visual/Postural Dysfunction Following a Neurological Event: Level III



## Topic Outline

### *Part 4*

Demonstration of Facilitation Techniques

### *Part 5*

Examining the Patient

Understanding the Role of Cortical & Subcortical Processing

### *Part 6*

Parallax

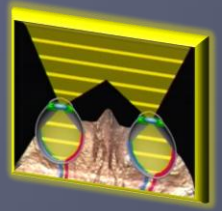
### *Part 7*

Case Studies





# Neuro-Visual Processing (Optometric) Rehabilitation and Visual/Postural Dysfunction Following a Neurological Event: Level III



## Topic Outline

### *Part 8*

Case Studies

### *Part 9*

Case Studies

PIV Graphical Analysis.

### *Part 10*

PIV Graphical Analysis

Case Studies

Conclusions

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