

# SYLLABUS

Marrakesh, Morocco, November 12-17, 2011

XX<sup>th</sup> WORLD CONGRESS OF NEUROLOGY



SOCIETE MAROCAINE  
DE NEUROLOGIE

WCN Education Program

Tuesday, 15 November, 2011

09:00-18:00

## **ULTRASOUND-VESSELS: HAND**

Chairperson: **Manfred Kaps**, *Germany*

### **PART I: BASIC TEACHING**

09:00 **BASICS PHYSICS OF DIAGNOSTIC VASCULAR ULTRASOUND**  
**Fabienne Perren**, *Switzerland*

09:30 **DOPPLER SPECTRUM**  
**Gerhard Michael von Reutern**, *Germany*

10:00 **ANATOMY & HEMODYNAMICS**  
**Manfred Kaps**, *Germany*

10:30 *Coffee Break*

### **PART II: GROUPS**

11:00 **HANDS ON EXAM OF HEALTHY VOLUNTEER  
(EXTRA CRANIAL & INTRACRANIAL)**  
**All Speakers**

12:00 **CLASSIFICATION OF EXTRA CRANIAL STENOSIS**  
**Gerhard Michael von Reutern**, *Germany*

12:30 *Lunch Break*

### **PART III: CASE DEMONSTRATION**

**Saadia Aidi**, *Morocco*  
**Fabienne Perren**, *Switzerland*  
**Gerhard Michael von Reutern**, *Germany*

16:00 *Coffee Break*

### **PART IV**

**CLASSIFICATION OF INTRACRANIAL STENOSIS**  
**Manfred Kaps**, *Germany*

**CLINICAL IMPLICATIONS OF ULTRASOUND FINDINGS**  
**All Speakers**