



PROGRAMME

INTERVENTIONISM

SALA INFANTE

TUESDAY, 24 SEPTEMBER

SESSION I

Moderators: Pedro Martinez Cueto, Andrés Fonnegra

- 8,30** Liquid embolic agents in the embolisation of AVMs and Cerebral Arteriovenous Fistulas
EDGAR SANMANIEGO

- ## **8,50** Posterior fossa AVMs RODRIGO RIVERA

- 9,10** Treatment of AVMs by venous route. How safe and effective is the retrograde venous approach for the treatment of brain AVMs
DANIEL ABUD

- 9,30** Last concepts in cerebral AVMs embolization
DEMETRIUS LOPES

- 9,50** Brain AVM embolization: how I treat them
JUAN LOPEZ-IBOR

- ## **10,10 DISCUSSION AND REPRESENTATIVE CASES**

DANIEL ABUD

10,30 OPEN PRESENTATIONS

TRATAMIENTO ENDOVASCULAR DE FISTULAS ARTERIOVENOSAS (DAVF) DE FOSA CRANEAL ANTERIOR (ACF): LA IMPORTANCIA DEL ABORDAJE VENOSO. CARLOS DÍAZ

- 11.00 COFFEE**

SESSION II

Moderators: Sergio Vargas, Orlando Diaz

- 11,30** OPEN PRESENTATIONS

ABORDAGEM PERCUTÂNEA DA FÍSTULA DO DUCTO TORÁCICO: CASO CLÍNICO E REVISÃO DA LITERATURA

CATARINA BRITO

TRATAMENTO ENDOVASCULAR DE FÍSTULAS ARTERIOVENOSAS ASSOCIADAS A ZUMBIDO. LEANDRO JOSE HAAS

FISTULAS ARTERIOV

FLAVIO REQUEJO

REFERENCES

- 12,13 Embolization of acute ruptured AVMs and Direct AVM resection**
ANTONIO ROMANCE

- 12.30** Improving the penetration of the liquid embolic agent: the pressure cooker technique



ALBERTO GIL

12,50 Vein of Galen Malformations: should cure be the Goal in the Modern Era?"

LUCAS ELIJOVICH

13,10 DISCUSSION**13,20** SALA INFANTE**SIMPOSIO WORLD MEDICA - AR BALTIC****Treatment of Syncytomatous Intracranial Stenosis (EIS) with ELUTAX "3" Pharmacoactive Balloon
Presentation of the Symposium**

José Manuel Pumar

Endovascular treatment of the HIA: review of the controversy

Antonio Moreno

Initial experience in the treatment of EIS with ELUTAX "3"

Francisco Hernández

*Roundtable discussion: the Post-SAMPRIS & VISIT era; the acute stroke as a new scenario**Moderator: Antonio Moreno**Participants: José Manuel Pumar, Francisco Hernández, Orlando Díaz, Jose María M Freitas, Hugo Cuéllar***14,00** LUNCH**SESSION III***Moderators: Rafael Almeida, Angelo Carneiro***15,30** Management, concept and differentiation between dural and pial fistulas.

HUGO CUÉLLAR

15,50 Dural fistulas of the anterior cranial fossa: strategies and endovascular management

GUILHERME DABUS

16,10 Dural fistulas of the middle cranial fossa: strategies and endovascular management

GUSTAVO FOA

16,30 Dural fistulas of the hypoglossal foramen: anatomy and different treatment strategies

ORLANDO DIAZ

16,50 DISCUSSION**17,00** COFFEE**17,30** Our worst- case situations. What we would do. Opinions of the experts.

ORLANDO DIAZ/ANDRES GONZALEZ MANDLY/ GUILHERME DABUS

18,30 END OF DAY SESSIONS**19,30** OPENING SESSION OF THE CONGRESS**20,00** RECEPTION**WEDNESDAY, 25 SEPTEMBER****SESSION IV***Moderators: Luis López Ibor, Hugo Cuellar***8,30** Systematic review of endovascular treatment of intramedullary and pial AVMs

ALFREDO CASASCO



8,50	Endovascular treatment of perimedullary fistulas POLO GUIMARAENS
9,10	Embolization of facial AVMs and other vascular facial lesions in children REINALDO RAMIREZ
9,30	Venous-lymphatic malformations LEANDRO HAAS
9,50	Presentation of interesting cases ALFREDO CASASCO
10,30	DISCUSSION
11,00	COFFEE
SESSION V	
<i>Moderators: Antonio Pérez-Higueras, Alexandra Banguero</i>	
11,30	OPEN PRESENTATIONS
	OUTCOME DO TRATAMENTO ENDOVASCULAR DAS FÍSTULAS DURAIS DO SEIO CAVERNOSO - SÉRIE DO CENTRO HOSPITALAR UNIVERSITÁRIO LISBOA NORTE FRANCISCO ORNELAS RAPOSO
	EMBOLIZACIÓN PREOPERATORIA CON SQUID 18 DE NASOANGIOFIBROMAS POR VÍA ENDOVASCULAR Y POR PUNCIÓN DIRECTA INTRATUMORAL CON APOYO ENDOSCÓPICO ENDONASAL HERNÁN CAÑARI CHUMBITAZ
	A NEUROIMAGEM NA CIRCULAÇÃO POSTERIOR - UM ESTUDO RETROSPETIVO HUGO DÓRIA
12,00	Intra-arterial chemotherapy in the treatment of retinoblastoma EGIDIO MACHADO
12,20	Advances in interventional management of patients with lower back pain JACQUES THERON
12,40	Update of the preoperative embolization of craniofacial tumours CLAUDIO RODRIGUEZ
13,00	Endovascular management of traumatic head and neck injuries JUAN TEJADA
13,20	SALA INFANTE SYMPORIUM ANGIONAUTIX INTERVENCIONISMO 13.20 New technology for aspiration thrombectomy: Super Q concept presentation Dr. RICARDO HANEL 13.35 Presentación y primeras impresiones de registro TAPAS DR. MANEL PUMAR DIAGNÓSTICO 13.40h eStroke Suite como herramienta de análisis de neuroimagen en stroke DR. JOAQUÍN ZAMARRO
14,00	LUNCH
15,30	SOCIAL EVENTS

THURSDAY, 26 SEPTEMBER

**SESSION VI***Moderators:* Jorge Campos, José Guilherme Caldas

- 8,30** Long term results of aneurysm embolisation with coils
JUAN CARLOS LLIBRE
- 8,50** Management of cerebral vasospasm in subarachnoid haemorrhage
MAX MULDER
- 9,10** Endovascular treatment of ruptured carotid blister aneurysms. Which is the best strategy?
RICARDO HANEL
- 9,30** Endovascular treatment of small aneurysms: Why, when and how?
PEDRO LYLYK
- 9,50** Dissecting aneurysms: a real treatment challenge
RAFAEL ALMEIDA
- 10,10** DISCUSSION
- 10,20** SALA INFANTE
SYMPOSIUM STRYKER
Surpass Evolve
Juan Macho
Atlas
Alain Bonafé
- 11,00** COFFEE

SESSION VII*Moderators:* Javier Masso, José María Freitas

- 11,30** FREE PRESENTATIONS
EXPERIENCIA MULTICÉNTRICA EN EL USO DEL DISPOSITIVO WEB EN COLOMBIA (WEB.COM):
RESULTADOS CLÍNICOS Y RADIOLÓGICOS EN EL TRATAMIENTO DE ANEURISMAS
INTRACRANEALES.
JOSÉ DE JESÚS GUTIERREZ
COILS O RESORTES UN VIEJO ALIADO QUE SE HA PERPETUADO EN LA TERAPIA
ENDOVASCULAR
RAMON DE LEON BERRAS
EFECTO DE LA ANGIOPLASTIA MECÁNICA CON BALÓN INTRALUMINAL Y /O ANGIOPLASTIA
QUÍMICA EN PACIENTES CON VASOESPASMO MODERADO Y SEVERO SINTOMÁTICO
SECUNDARIO A HEMORRAGIA SUBARACNOIDEA ANEURISMÁTICA
LUIS MARIO PIEDRA BRAVO
- 11,50** Flow diverters: a decade
VIRIATO ALVES
- 12,10** Flow diverters: update of the indications: when and why
CARLOS DIAZ
- 12,30** Treatment of ruptured posterior circulation aneurysms with flow diverters
OMAR PICHARDO
- 13,20** SALA INFANTE
SYMPOSIUM MICROVENTION



Web Device Usage and Directions Guide

DR. JORGE OLIER

14,00 LUNCH

SESSION VIII

Moderators: Rodrigo Rivera, Maria Luis Ribeiro da Silva

15,30 Treatment of bifurcation aneurysms. Experiences with WEB device
BORIS PABON

15,50 Complications of endovascular treatment of aneurysms and strategies to avoid them
JOSSE DELGADO

16,10 Current status of stroke treatment with stem cells
EDUARDO RAUPP

16,30 SALA INFANTE

SIMPOSIUM CERENOVUS

THE EMBOTRAP II EXPERIENCE AND HOW CLOT SCIENCE IS UNDERLYING TO THIS DEVICE FOR MECHANICAL THROMBECTOMY

My EMBOTRAP II experience and the importance of the First Pass effect

DR. OMER EKER, , Interventional Neuroradiologist at CHU Lyon, France

Significance of Clot Properties in Mechanical Thrombectomy

ANA-RITA DOMINGUES, Field Clinical Engineer, CERENOVUS, EMEA

17,10 FREE PRESENTATONS

ANGIOPLASTIA DA ARTÉRIA CARÓTIDA EXTRACRANIANA COM STENT DE CÉLULAS FECHADAS
LEANDRO JOSE HAAS

TRATAMIENTO ENDOVASCULAR DE ANEURISMAS INTRACRANEALES CON STENT FLOW
DIVERTER: ANALISIS RETROSPECTIVO DE LA EXPERIENCIA EN 9 AÑOS EN EL INSTITUTO NEUROCIRUGÍA DR. ALFONSO ASENJO.

RODRIGO RIVERA MIRANDA

RESULTADOS CLÍNICOS Y ANGIOGRÁFICOS EN PACIENTES CON ANEURISMAS INTRACRANEALES DE BIFURCACIONES Y CUELLO ANCHO TRATADOS CON DISPOSITIVO WEB
PEDRO MARTINEZ CUETO

JAILING CON DERIVADOR DE FLUJO PARCIALMENTE DESPLEGADO PARA EL TRATAMIENTO DE ANEURISMAS CEREBRALES ROTOS NO EMBOLIZABLES.

JUAN CHAVIANO GRAJERA

IMPORTÂNCIA DO PRIMEIRO COIL DE ANCORAGEM NO TRATAMENTO ENDOVASCULAR DE ANEURISMAS ROTOS POR TÉCNICA DE COILING SIMPLES - ANÁLISE RETROSPECTIVA DA EXPERIÊNCIA DE UM CENTRO
PEDRO CALVÃO-PIRES

18,20 ASSEMBLY

20,30 DRINKS IN THE CLOISTER (PALÁCIO DA BOLSA)

21,00 GALA DINNER (SALÃO ÁRABE)

FRIDAY, 27 SEPTEMBER

SESSION IX

Moderators: Azucena Davila, Luisa Biscoito



- 8,30** Endovascular treatment of ischemic stroke. Progress until now.
CARLOS MIRANDA
- 8,50** LVO with low ASPECTS. It is an indication for thrombectomy. It is not an indication for thrombectomy.
ALEJANDRO TOMASELLO
- 9,10** Endovascular management in extended window (indications, inclusion and exclusion criteria, and results)
ALAIN BONAFE
- 9,30** Occlusion of distal vessels. When should endovascular treatment be considered.
PEDRO VEGA
- 9,50** Endovascular treatment of CVA: complications and how to solve them
ISABEL FRAGATA
- 10,10** Results of RESILIENT study
FRANCISCO MONTALVERNE
- 10,30** SALA INFANTE
SYMPOSIUM PENUMBRA
Aspiration as the first option for thrombectomy: how and why I do it.
JOSÉ MANUEL PUMAR
Aspiration: what the latest studies say. ASTER, COMPASS, PROMISE.
ALEJANDRO TOMASELLO
- 11,00** COFFEE
- SESSION X**
Moderators: Gelson Koppe, José Pedro Rocha Pereira
- 11,30** Stenting in patients with tandem lesions. Predictors of stent occlusion and its impact on clinical outcomes
JORDI BLASCO
- 11,50** Indications and technical management of intracranial stenosis
JOSE MARIA FREITAS
- 12,10** New therapeutic targets in acute ischemic stroke
JOSE CASTILLO
- 12,30** **FREE PRESENTATONS**
ANÁLISIS DE EFECTIVIDAD Y SEGURIDAD DE LA TROMBECTOMÍA EN PERSONAS MAYORES DE 90 AÑOS
PEDRO VEGA VALDÉS
ATAQUE CEREBROVASCULAR ISQUÉMICO AGUDO DE TERRITORIO ANTERIOR: TRATAMIENTO ENDOVASCULAR
RODOLFO NELLA CASTRO
- 12,50** SALA INFANTE
SYMPOSIUM MEDTRONIC
INTEGRAL PATIENT TREATMENT WITH ACUTE ISCHEMICAL ICTUS
Improvements in the stroke assistance process.
Dr. ALEJANDRO TOMASELLO, Hospital Vall d'Hebrón
Critical intervention: New REACT and SOLITAIRE X.
DAVID HERNÁNDEZ, Hospital Vall d'Hebrón



Other complementary solutions to stroke treatment.

Dr. MARC RIBÓ, Hospital Vall d'Hebrón

14,00 CLOSURE

DIAGNOSTICS

SALA D. MARIA

TUESDAY, 24 SEPTEMBER

SESSION I

Moderators: Raquel del Carpio, Alex Rovira

- 8,30** WHO brain tumour classification: what the neuroradiologist should know
ROY RIASCOS

8,50 Neuroimaging and genetic influence in the treatment of brain neoplasms
C. HYGINO DA CRUZ

9,10 fDTI and tractography for surgical planning
RAFAEL ROJAS

9,30 Resonancia Magnetica Intraoperatoria para resección de tumores del SNC
JORGE LEE

9,50 Advanced imaging for the differentiation of tumour recurrence and post- therapeutic changes
SONIA BERMUDEZ

10,10 Pseudotumoral lesions: how to recognise them
ANTONIO CARLOS MAIA

10,30 DISCUSSION

11,00 COFFEE

SESSION II

Moderators: Renato Hofman, Sonia Bermudez

11,30 Brain metastasis imaging
CARLOS TORRES

11,50 Haematological disorders of the CNS
FELIPE TORRES PACHECO

12,10 SWI in cerebral tumors
CARLOS ZAMORA

12,30 Artificial intelligence in neuroradiology
RENATO HOFFMAN

12,50 MRI safety
ELIANA BONFANTE



13,20	SALA INFANTE SIMPOSIO WORLD MEDICA - AR BALTIC Treatment of Syncytomatous Intracranial Stenosis (EIS) with ELUTAX "3" Pharmacoactive Balloon Presentation of the Symposium José Manuel Pumar <i>Endovascular treatment of the HIA: review of the controversy</i> Antonio Moreno <i>Initial experience in the treatment of EIS with ELUTAX "3"</i> Francisco Hernández <i>Roundtable discussion: the Post-SAMPRIS & VISIT era; the acute stroke as a new scenario</i> Moderator: Antonio Moreno Participants: José Manuel Pumar, Francisco Hernández, Orlando Díaz, Jose María M Freitas, Hugo Cuéllar
14,00	LUNCH
	SESSION III Moderators: Carlos Torres, Luisa Biscoito
15,30	Glymphatic system PEDRO VILELA
15,50	Magnetic resonance 7 Tesla M ISABEL VARGAS
16,10	OPEN PRESENTATIONS CARACTERÍSTICAS IMAGIOLÓGICAS DE ASTROCITOMAS GRAU II/III COM GENE IDH MUTADO GUILHERME OLIVEIRA PERFUSIÓN POR RM: TÉCNICA PARA LA VALORACIÓN DE LOS CAMBIOS POST-TRATAMIENTO DE LOS GLIOMAS AZALEA GARZA-BÁEZ VALOR DO SINAL 'MISMATCH T2/FLAIR' NO DIAGNÓSTICO DE TUMORES GLIAIS DE BAIXO GRAU CATARINA PINTO SUSCEPTIBILIDADE MAGNÉTICA: COMO A SEQUÊNCIA SWI PODE AJUDAR. PEDRO HENRIQUE BARRADAS
17,00	COFFEE
	SESSION IV Moderators: Jorge Lee, Roy Riascos
17,30	PRESENTATION OF INTERESTING CASE STUDIES ANA RAMOS/CARLOS TORRES
18,30	END OF DAY SESSIONS
19,30	OPENING SESSION OF THE CONGRESS
20,00	RECEPTION

WEDNESDAY, 25 SEPTEMBER

SESSION V



Moderators: Sergio Mouguillansky, Eliane Bonfante

8,00 OPEN PRESENTATIONS

TWO TO REMEMBER: GROWING SKULL FRACTURES

GONÇALO COUTINHO ALVES

ACHADOS IMAGIOLÓGICOS DE 3 CASOS COM DOENÇA ANTI-MOG EM IDADE PEDIÁTRICA
RUBEN MAIA

ENCEFALITE A HERPES SIMPLEX TIPO 1 EM CRIANÇAS COM IDADE INFERIOR A 2 ANOS:
PARTICULARIDADES IMAGIOLÓGICAS

JOANA SOFIA FREITAS OSÓRIO OSÓRIO

DEMÊNCIAS DE INÍCIO PRECOCE: DIFERENÇAS CLÍNICAS E NEUROPSICOLÓGICAS E O PAPEL
DA IMAGEM NA DISTINÇÃO ENTRE A DEMÊNCIA DE ALZHEIMER E DEMÊNCIA
FRONTOTEMPORAL.

RICARDO CRUZ MARTINS

CAMBIOS EN LOS METABOLITOS CEREBRALES DESPUÉS DEL TRATAMIENTO CON UN
ANTAGONISTA DEL RECEPTOR NMDA EN PACIENTES CON FIBROMIALGIA.

NICOLÁS FAYED MIGUEL

8,50 Approach to degenerative pathology

INES TAMER

9,10 Spinal infections: essential patterns you should know

S. MOGUILLANSKY

9,30 Parasitic spinal infections

LAZARO AMARAL

9,50 Myelitis. Imaging approach to differential diagnosis

LEONARDO MACEDO

10,10 Autoimmune diseases of the spinal cord

JOHN GO

10,30 DISCUSSION**11,00 COFFEE****SESSION VI**

Moderators: Cristina Rios, Juan Pablo Cruz

11,30 Cognitive errors in spinal RM

FRANCISCO RIVAS

11,50 Approach to CSF spinal fistulas

PETER KRANZ

12,10 Minimally invasive treatment of the spine

TIAGO BATISTA

12,30 Dynamic study of CSF in Chiari I implications in the formation of syringohydromyelia

RAQUEL CARVALHO

12,50 Tumours and pseudotumours of the spinal cord

MARIA JULIANA BORJA

13,20 SALA INFANTE

SYMPÓSIO ANGIONAUTIX
INTERVENCIONISMO



13.20 New technology for aspiration thrombectomy: Super Q concept presentation Dr.

RICARDO HANEL

13.35 Presentación y primeras impresiones de registro TAPAS

DR. MANEL PUMAR

DIAGNÓSTICO

13.40h eStroke Suite como herramienta de análisis de neuroimagen en stroke

DR. JOAQUÍN ZAMARRO

SESSION VII

Moderators: Jorge Lee, Tiago Baptista

14,00 OPEN PRESENTATIONS

UTILIDAD DEL DYNATC PARA LA EVALUACION DE HIPERPLASIA Y RE ESTENOSIS EN PACIENTES TRATADOS CON ANGIOPLASTIA Y STENT E EN EL INSTITUTO NACIONAL DE NEUROLOGÍA Y NEUROCIRUGÍA-MÉXICO

MARLA LUZ MARIA GALLO GUERRERO

EFICACIA DEL DYNATC (CONE BEAM TC) EN LA EVALUACIÓN DE LA PLACA ATEROMATOSA

DIEGO ALFONSO JOYA RUVALCABA

ACHADOS NA RESSONÂNCIA MAGNÉTICA NA ROMBENCEFALITE A ENTEROVIRUS EM

CRIANÇAS - UMA REVISÃO DE 10 CASOS

BRUNO CUNHA

14,00 LUNCH

15,50 SOCIAL EVENTS

THURSDAY, 26 SEPTEMBER

SESSION VIII

Moderators: Rui Manaças, António Rocha

8,30 Anti-MOG disease

CRISTINA AUGER

8,50 MRI as a prognostic marker in multiple sclerosis

ALEX ROVIRA

9,10 Autoimmune encephalopathies

AMAYA HILARIO

9,30 Zika virus infection - congenital and acquired syndrome. Update 4 years after the first epidemic

FÁTIMA ARAGÃO

9,50 CNS infection in the 21st century

PERLA SALGADO

SESSION IX

Moderators: Rafael Rojas, Jorge Lee

10,10 OPEN PRESENTATIONS

HEMORRAGIA INTRACRANIANA FETAL - A EXPERIÊNCIA DO NOSSO CENTRO.

TERESA MORAIS

ACHADOS DE IMAGEM NO ACIDENTE VASCULAR CEREBRAL NEONATAL



LUÍS CARDOSO

DIAGNOSTIC VALUE AND CLINICAL SIGNIFICANCE OF ENLARGED VIRCHOW-ROBIN SPACES IN EARLY MULTIPLE SCLEROSIS

RUI DUARTE ARMINDO

ESPAÇOS PERIVASCULARES ALARGADOS E ALTERAÇÕES DA SUBSTÂNCIA BRANCA NA INFÂNCIA - DIAGNÓSTICO DIFERENCIAL

DANILA KUROEDOV

DIAGNÓSTICO DIFERENCIAL PEDIÁTRICO DE LESÕES CITOTÓXICAS DO CORPO CALOSO

GONÇALO ALMEIDA

10,20 SALA INFANTE SYMPOSIUM STRYKER

Surpass Evolve

Juan Macho

Atlas

11.00 COFFEE

SESSION X

Moderators: Eduardo Bravo, Javier Romero

11,30 Vasculitis: state of the art ANTONIO ROCHA

11,50 Images of the vascular wall JAVIER ROMERO

**12,10 ASL and MRI angiography with temporal resolution in neurovascular pathology
ALBERTO CABERA ZUBIZARRETA**

12,30 Perivascular Spaces: enhancement patterns with contrast and differential diagnosis
FELIPE ALBA S

**12,50 DTI applications in the characterisation of language circuits
CRISTINA GIESTA RAMOS**

13,20 SALA INFANTE SYMPOSIUM MICROVENTILATION

Web Device Usage and Directions Guide

DR. JORGE OLIER

14,00 **LUNCH**

SESSION XI

Moderators: Pedro Melo Freitas, Andres Arbelaez

15,30 Alzheimer's disease ANDRES ARBELAEZ

15,50 Imaging of motor neurodegenerative diseases OTTO RAPALINO

16,10 Amyotrophic lateral sclerosis NICOLAS FAYED

16,30 Imaging approach in refractory epilepsies. Experiences of a leading centre
DUARTE VIEIRA



- 16,30** SALA INFANTE
SIMPOSIUM CERENOVUS
THE EMBOTRAP II EXPERIENCE AND HOW CLOT SCIENCE IS UNDERLYING TO THIS DEVICE FOR MECHANICAL THROMBECTOMY
My EMBOTRAP II experience and the importance of the First Pass effect
 DR. OMER EKER, , Interventional Neuroradiologist at CHU Lyon, France
Significance of Clot Properties in Mechanical Thrombectomy
 ANA-RITA DOMINGUES, Field Clinical Engineer, CERENOVUS, EMEA

SESSION XII

Moderators: Enrique Palacios, Jaime Rocha

- 16,50** Oropharyngeal squamous carcinoma associated with HPV: update of AJCC staging
 BRUNO POLICELI
- 17,10** Tumours of the pineal region
 JOSE GAVITO
- 17,30** Tumours of the olfactory fossa and anterior skull base
 RAMON FIGUEROA
- 17,50** Role of the neuroradiologist in the diagnostic and therapeutic orientation of tinnitus (pulsatile tinnitus)
 JOSÉ MANUEL AMORIM
- 18,20** ASSEMBLY
- 20,30** DRINKS IN THE CLOISTER (PALÁCIO DA BOLSA)
- 21,00** GALA DINNER (SALÃO ÁRABE)

FRIDAY, 27 SEPTEMBER

SESSION XIII

Moderators: Carlos Rugilo, Jorge Davila

- 8,50** Genetic advances in malformations of cortical development
 ANA GERALDO
- 9,10** Radiological findings of hypoxic-ischemic encephalopathy: from premature babies to adolescents
 CARLA CONCEIÇÃO
- 9,30** Arterial infarction: radiological semiology
 KATIUSKA CASARES
- 9,50** Stroke of genetic cause
 CARLOS RUGILO
- 10,10** Focal arteriopathy of childhood
 LEANDRO LUCATO
- 10,30** Moya-Moya
 JUAN PABLO CRUZ
- 10,30** SALA INFANTE
SYMPORIUM PENUMBRA



Aspiration as the first option for thrombectomy: how and why I do it.

JOSÉ MANUEL PUMAR

Aspiration: what the latest studies say. ASTER, COMPASS, PROMISE.

ALEJANDRO TOMASELLO

11,00 COFFEE

SESSION XIV

Moderators: Teresa Sola, Leandro Lucato

11,30 Paediatric ischemic CVA : diagnostic challenges and therapeutic advances
JOSÉ EDUARDO ALVES

11,50 Haemorrhagic CVA: imaging approach
CESAR ALVES

12,10 Stroke Mimics
M FERNANDA LADINO

12,30 Venous pathology: thrombosis and malformations
JORGE D'AVILA

12,50 Vascular pathology of the spinal cord
JUAN CAMILO MARQUEZ

12,50 SALA INFANTE
SYMPOSIUM MEDTRONIC
INTEGRAL PATIENT TREATMENT WITH ACUTE ISCHEMICAL ICTUS
Improvements in the stroke assistance process.
Dr. ALEJANDRO TOMASELLO, Hospital Vall d'Hebrón
Critical intervention: New REACT and SOLITAIRE X.
DAVID HERNÁNDEZ, Hospital Vall d'Hebrón
Other complementary solutions to stroke treatment.
Dr. MARC RIBÓ, Hospital Vall d'Hebrón

13,10 Interventional role in the diagnosis and treatment of vascular pathology
FLAVIO REQUEJO

SESSION XV

Moderators: Katiuska Casares, Carla Conceição

13,30 Clinical cases
FLORENCIA BIRRIEL

14,00 CLOSURE