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SCIENTIFIC PROGRAMME

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1 November 2015, Sunday

08:30 – 10:30 Hemodynamic reserve: concept, clinical implications, and assessment
Physiology of the blood clotting system and its pharmaceutical modulation
Imaging of hyperacute ischemic stroke
The concept of penumbra and salvageable brain tissue in acute ischemia. Methods for assessing ischemic penumbra in experimental and clinical models

10:30 – 11:00 **Coffee Break**

11:00 – 13:30 Ischemic stroke: basic pathophysiology and medical management
Hemorrhagic transformation and reperfusion hemorrhage: clinical and radiological predictors and prognosis
Intracerebral spontaneous hemorrhage: mechanisms, imaging and management
Subarachnoid hemorrhage: physiopathology, mechanisms, diagnosis

13:30 – 15:00 **Lunch**

15:00 – 17:25 **Workshops**

	1 st Workshop	2 nd Workshop	3 rd Workshop	4 th Workshop	5 th Workshop	6 th Workshop	7 th Workshop
15:00 - 15:45	Black	Green	Yellow	Purple	Red	Turquoise	Gray
15:50 - 16:35	Gray	Black	Green	Yellow	Purple	Red	
16:40 - 17:25	Purple	Red	Turquoise	Gray	Black	Green	Yellow

1st Workshop : CT and MR perfusion imaging including ASL in cerebral ischemia. Tricks and pitfalls

2nd Workshop: Stroke mimics: case discussion

3rd Workshop: Uncommon hemorrhagic and ischemic strokes

4th Workshop: CT and MRI strategies to guide reperfusion therapies: case based discussion

5th Workshop: CTA, PC, TOF, CE, 4D, 1.5T, 3T, 4D angio: how and why. Case based discussion

6th Workshop: Role of anatomical variants and collaterals in cerebral ischemic disease. Case based discussion

7nd Workshop: Angiographic pitfalls in cerebral angiography: Case examples

2 November 2015, Monday

08:30 – 10:30 Supra and infratentorial vascular territories: variations, compensatory pathways
Haemodynamic cerebral autoregulation defects and related syndromes (PRES)
Cerebral vasoconstriction syndrome
Venous ischemia, pathophysiology and diagnosis

10:30 – 11:00 **Coffee Break**

11:00 – 13:00 Vessel wall CMR: State-of-the-art and technical challenges
The carotid plaque: from pathophysiology to imaging
Nonatherosclerotic, nonhypertensive vascular diseases (Moya-Moya disease, primary and systemic vasculitis)
TIA: Is imaging necessary?

13:00 – 15:00 **Lunch**

15:00 – 18:15 **Workshops**

	1 st Workshop	2 nd Workshop	3 rd Workshop	4 th Workshop	5 th Workshop	6 th Workshop	7 th Workshop

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14:15 - 15:00	Yellow	Purple	Red	Turquoise	Gray	Black	Green
15:05 - 15:50	Red	Turquoise	Gray	Black	Green	Yellow	Purple
15:55 - 16:40	Gray	Black	Green	Yellow	Purple	Red	Turquoise
16:45 - 17:30	Green	Yellow	Purple	Red	Turquoise	Gray	Black

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7th Workshop: Angiographic pitfalls in cerebral angiography: Case examples

3 November 2015, Tuesday

08:30 – 10:30 – Diagnosis and management of unruptured aneurysm
Diagnosis and Management of ruptured aneurysms
Follow-up of aneurysms: when and how?
Evaluation AVMs in regard to treatment indications

10:30 – 11:00 – **Coffee Break**

11:00 – 13:25 – **Workshops**

	1 st Workshop	2 nd Workshop	3 rd Workshop	4 th Workshop	5 th Workshop	6 th Workshop	7 th Workshop
11:00 - 11:45	Black	Green	Yellow	Purple	Red	Turquoise	Gray
11:50 - 12:35	Turquoise	Gray	Black	Green	Yellow	Purple	Red
12:40 - 13:25	Purple	Red	Turquoise	Gray	Black	Green	Yellow

1st Workshop: Treatment of AVMs: indications and contraindications

2nd Workshop: Treatment of ruptured aneurysms

3rd Workshop: Treatment of Unruptured Aneurysms: when and how?

4th Workshop: Important issues in the diagnostic evaluations of neurovascular cases in regard to interventional treatments

5th Workshop: Imaging in vasculitis: MRI or DSA?

6th Workshop: Intraarterial treatment of spinal vascular lesions

7th Workshop: Intracerebral hemorrhage: what to image next? Case discussion

13:25 – 14:25 – **Lunch**

14:30 - 19:30 – **Free Study Time for the Examination**

4 November 2013, Wednesday

08:30 – 10:30 – Hypertensive and atherosclerotic small-vessel diseases
Diagnosis and management of intracranial atherosclerotic disease
Pediatric ischemic stroke
Pediatric hemorrhagic stroke

10:30 - 11:00 – **Coffee Break**

11:00 - 13:00 – Dural sinus and venous thrombosis: from anatomy to imaging
Treatment of Dural AVM
Arterial dissecting diseases: diagnosis, medical and invasive treatments
Radiosurgery in cerebral and spinal vascular disorders

13:00 - 15:00 – **Lunch**

15:00 - 18:15 – **Workshops**

	1 st Workshop	2 nd Workshop	3 rd Workshop	4 th Workshop	5 th Workshop	6 th Workshop	7 th Workshop
15:00 - 15:45	Yellow	Purple	Red	Turquoise	Gray	Black	Green
15:50 - 16:35	Red	Turquoise	Gray	Black	Green	Yellow	Purple
16:40 - 17:25	Gray	Black	Green	Yellow	Purple	Red	Turquoise
17:30 - 18:15	Green	Yellow	Purple	Red	Turquoise	Gray	Black

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7th Workshop: Intracerebral hemorrhage: what to image next? Case discussion

5 November 2013, Thursday

08:30 – Systemic diseases with cerebrovascular involvement

10:00 Vascular disorders of the spinal cord
QUIZ

10:00 - 10:30 **Coffee Break**

10:30 - 11:30 **Examination**

11:45 - 12:45 **Lunch**

12:45 - 14:55 **Workshops**

	1 st Workshop	2 nd Workshop	3 rd Workshop	4 th Workshop	5 th Workshop	6 th Workshop	7 th Workshop
12:45 - 13:25	Black	Green	Yellow	Purple	Red	Turquoise	Gray
13:30 - 14:10	Turquoise	Gray	Black	Green	Yellow	Purple	Red
14:15 - 14:55	Purple	Red	Turquoise	Gray	Black	Green	Yellow

1st Workshop: Spinal MRA and CTA: how to, when and why?

2nd Workshop: To stent or not to stent extracranial stenotic diseases. Case based discussion

3rd Workshop: How to inform patients prior to and after interventional procedures to give the good new and also how to handle the situation when dealing with complications and failure

4th Workshop: Imaging in venous diseases. Tricks and pitfalls

5th Workshop: Complications in endovascular treatments

6th Workshop: A practical imaging approach to brain vascular malformations

7th Workshop: MR diagnostic algorithms and prognostic imaging features in stroke

14:55 - 15:25 **Coffee Break**

15:25 - 18:20 **Workshops**

	1 st Workshop	2 nd Workshop	3 rd Workshop	4 th Workshop	5 th Workshop	6 th Workshop	7 th Workshop
15:25 - 16:05	Yellow	Purple	Red	Turquoise	Gray	Black	Green
16:10 - 16:50	Red	Turquoise	Gray	Black	Green	Yellow	Purple
16:55 - 17:35	Gray	Black	Green	Yellow	Purple	Red	Turquoise
17:40 - 18:20	Green	Yellow	Purple	Red	Turquoise	Gray	Black

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