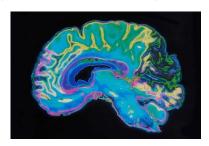


ERN-RND Winter School 2023 - 'NEUROIMAGING'

Online, 23-25. March 2023, Times in CET



Day 1: 23. March 2023, 14:00 -17:00h

Technological and methodological basics of neuroimaging techniques

Learning objective:

- Know generally about basic principles, techniques, pitfalls and limitations in neuroradiology and nuclear medicine including CT, MRI, SPECT and PET scanning

Time	Topic	Speaker
14:00 - 14:45	Introduction in structural imaging (CT, MRI,	Eva Bültmann, Medical
	including sequences such as DTI)	University Hannover, DE
14:45 - 15:30	Introduction in radiotracer imaging (SPECT,	Jan Booij, Amsterdam
	PET)	University Medical Centers, NL
15:30 - 15:45	Coffee break	
15:45 - 16:30	Introduction in functional MRI	Federica Agosta, San Raffaele Scientific Institute, Milan, IT
16:30 - 17:00	Q&A, Discussion	

Day 2: 24. March 2023, 09 - 16:30h

Guideline/Diagnostic flowchart-compliant, case based proceedings in neuroimaging in atypical Parkinsonian syndromes, Huntington's Disease, Leukodystrophies and Hyperkinetic disorders

Learning objectives:

- State the recommended sequences, recognize the MRI patterns, identify common imaging for assessing patients with atypical PD syndromes/Leukodystrophies/HD
- Red flags indications when you need to use neuroimaging

Time	Topic	Speaker
09:00 - 10:30	Atypical Parkinsonian Syndromes: Diagnostic guideline /flowchart → Red flags → Cases → Neuroimaging protocol	Stéphane Lehericy, University Hospital Pitié Salpétrière, Paris, FR
		Thilo van Eimeren, University Hospital Cologne, DE



Network
 Neurological Diseases
 (ERN-RND)

10:30 - 10:45	Coffee break	
10:45 - 12:15	Huntington's Disease: Diagnostic guideline/flowchart → Red flags → Case → Neuroimaging protocol Group work, case-based and interactive Cases from the workshop participants	Bernhard Landwehrmeyer, University Hospital Ulm, DE Yury Seliverstov, University Hospital Ulm, DE
12:15 - 13:15	Lunch	<u> </u>
13:15 - 14:45	Leukodystrophies: Diagnostic guideline/flowchart → Red flags → Cases → Neuroimaging protocol Group work, case-based and interactive Cases from the workshop participants	Marc Engelen, Amsterdam University Medical Center, NL
14:45 - 15:00	Coffee break	
15:00 - 16:30	Hyperkinetic disorders (Dystonia, chorea, myoclonus): Diagnostic guideline→ Red flags → Cases → Neuroimaging protocol Group work, case-based and interactive Cases from the workshop participants	Martin Reich, University Hospital Würzburg, DE Élida Vázquez Méndez, University Hospital Vall d'Hebron, Barcelona, ES

Day 3: 25. March 2023, 09 - 12:30h

Guideline/Diagnostic flowchart-compliant, case based proceedings in neuroimaging in FTD and Ataxia and HSP

Learning objectives:

- State the recommended sequences, recognize the MRI patterns, identify common imaging techniques for assessing patients with FTD/cerebellar ataxia or HSP
- Red flags indications when you need to use neuroimaging

Time	Topic	Speaker
09:00 - 10:30	FTD: Diagnostic guideline/flowchart → Red flags → Cases→ Neuroimaging protocol	Vassilis Constantinides, Eginitio University Hospital Athens, GR
	Group work, case-based and interactive Cases from the workshop participants	
10:30 - 10:45	Coffee break	



Network
 Neurological Diseases (ERN-RND)

10:45 - 12:15	Ataxia and HSP:	Sirio Cocozza, University of
	Diagnostic guideline/flowchart → Red flags →	Naples Federico II, IT
	Cases → Neuroimaging protocol	
	Group work, case-based and interactive	
	Cases from the workshop participants	
12:15 - 12:30	Q&A, Discussion, closing remarks	

Programme Committee:

Bart van de Warrenburg, Radboud University Medical Center, Nijmegen, NL Belén Perez Dueñas, Vall d'Hebron University Hospital, Barcelona, ES Holm Graessner, University Hospital Tübingen, DE Irena Rektorova, St. Anne's University Hospital, Brno, CZ Leonidas Stefanis, Eginitio University Hospital, Athens, GR