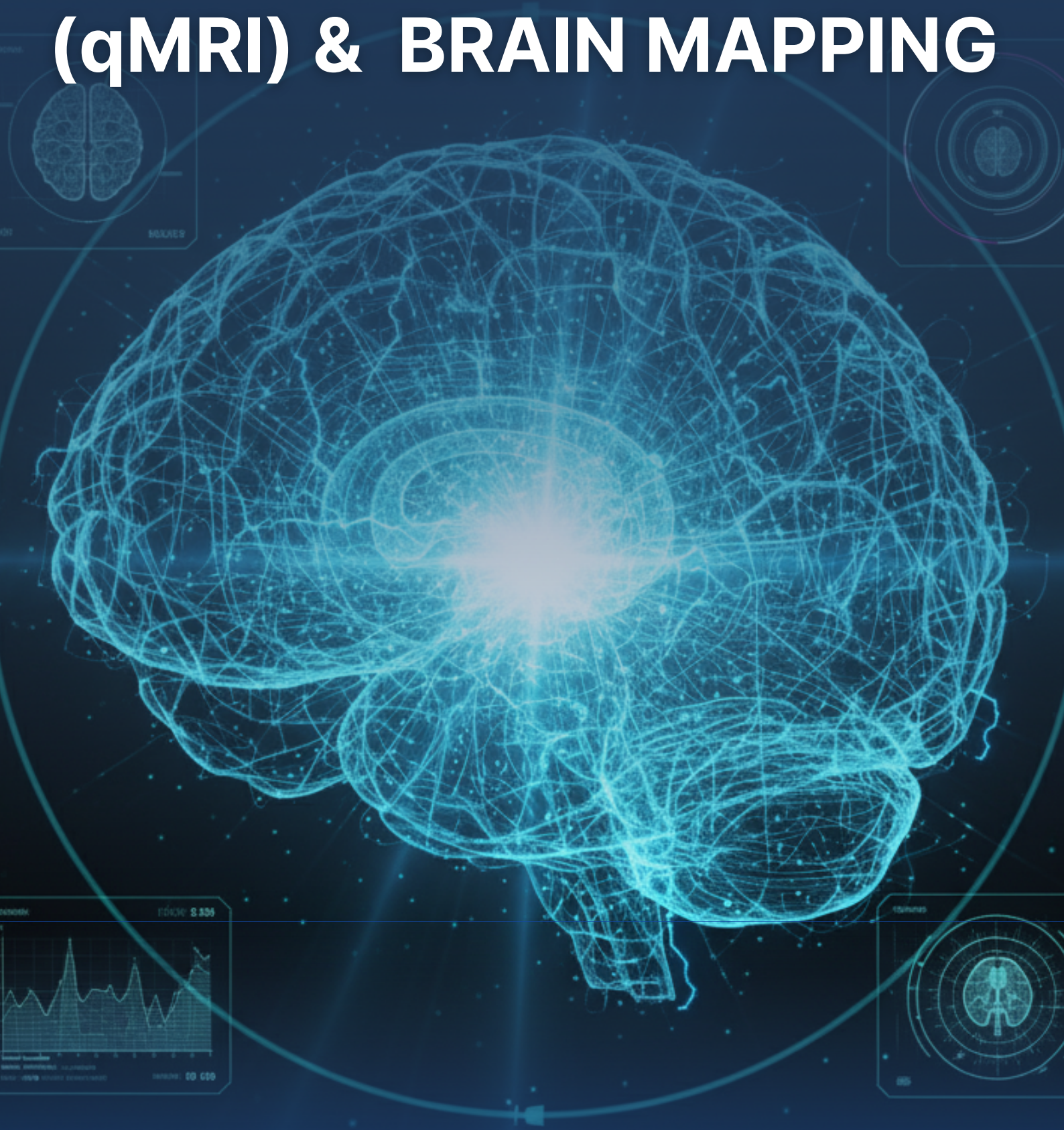


QUANTITATIVE MRI (qMRI) & BRAIN MAPPING



Training, Research Center & Core Lab

INFORMATION BOOKLET

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Please note that this training is specialized procedural trainings provided by ADN CoE. This training is accredited by Ethical Medtech and EACCME and it is independent of any other training offered by relevant device company.

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Medical information is constantly evolving and being updated. Standard safety practices should be observed, and it should be acknowledged that changes in treatments and drug applications may be necessary in light of new research and clinical experiences.

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DAY 1

Principles & Quantitative Techniques

Time	Session	Format
09:00 – 09:30	Welcome & Course Overview	Opening Remarks
09:30 – 10:15	Fundamentals of Quantitative MRI	Lecture
10:15 – 11:00	T1, T2, and T2 Mapping: Methods & Applications	Lecture
11:00 – 11:15	Coffee Break	Networking
11:15 – 12:00	Proton Density & Magnetization Transfer Imaging	Lecture
12:00 – 13:00	Diffusion Tensor Imaging (DTI) & Microstructural Modeling	Lecture
13:00 – 14:00	Lunch Break	Networking
14:00 – 15:00	Quantitative Susceptibility Mapping (QSM)	Lecture
15:00 – 16:00	Practical Simulation I: Quantitative Parameter Mapping Workflow	Simulation
16:00 – 16:45	Open Discussion & Q&A	Lecture
16:45 – 17:00	Wrap-Up & Open Discussion	Moderation

DAY 2

Brain Mapping & Clinical Translation

Time	Session	Format
09:00 – 09:30	Morning Coffee & Review of Day 1 Highlights	Discussion
09:30 – 10:15	Structural Brain Mapping & Cortical Thickness Analysis	Lecture
10:15 – 11:00	Functional & Quantitative Integration in Brain Mapping	Lecture
11:00 – 11:15	Coffee Break	Networking
11:15 – 12:00	Quantitative Biomarkers in Neurological Diseases	Lecture
12:00 – 13:00	Practical Simulation II: Multimodal Brain Mapping	Lecture
13:00 – 14:00	Lunch Break	Networking
14:00 – 15:00	Data Harmonization & Standardization Across MRI Centers	Lecture
15:00 – 15:45	Emerging Trends: AI, Deep Learning & Automated Brain Mapping	Lecture
15:45 – 16:30	Panel Discussion & Certificate Ceremony	Lecture

VENUE

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SCAN



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BOOKING POLICY

The deadline for hotel booking is 10 days before the course. Unfortunately, ADN CoE cannot guarantee room availability past that deadline. Bookings are made on a first-come, first-served basis. In case of non-availability, we shall do our best to re-accommodate you in a nearby hotel of equal standard.

Useful Information



Transfer

The transfer vehicle will accompany you during the training.



Training Location

ADN CoE Training, Research Center & Core Lab

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Dress Code

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