

ADVANCED CT & PERFUSION TECHNIQUES IN NEUROIMAGING



Training, Research Center & Core Lab

INFORMATION BOOKLET

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1. Edition, December, 2023

Publisher and Chief Editor

Nazire ÇAVUŞ

Printing House

SEDA OZALIT

Altunizade, Kisikli Cd. No:49, 34662 Üsküdar/İstanbul



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Company Name	ADN CoE EĞİTİM DANIŞMANLIK VE ORGANİZASYON LIMITED ŞİRKETİ
Address	İnkılap Mahallesi Dr. Adnan Büyükdeniz Caddesi No:13, A Blok, K:3/7 34768 Ümraniye, İstanbul / Türkiye
Telephone	+90 530 035 96 39
E-mail	trainings@adncoe.com
Website	www.adncoe.com
VAT Number	0081750793 Alemdağ Tax Office



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DAY 1

Foundations of Brain Connectivity

Time	Session	Format
09:00 – 09:30	Welcome & Course Overview	Opening Remarks
09:30 – 10:15	Principles of Structural and Functional Brain Connectivity	Lecture
10:15 – 11:00	Acquisition Protocols & Optimization Techniques	Lecture
11:00 – 11:15	Coffee Break	Networking
11:15 – 12:00	Post-Processing & Quantitative Analysis	Lecture
12:00 – 13:00	Perfusion in Acute Ischemic Stroke	Lecture
13:00 – 14:00	Lunch Break	Networking
14:00 – 15:00	Perfusion Imaging in Brain Tumors	Lecture
15:00 – 16:00	Practical Session I: Case Review, Acute Stroke & Tumor Perfusion	Simulation
16:00 – 16:45	Open Discussion & Q&A	Lecture
16:45 – 17:00	Wrap-Up & Open Discussion	Moderation

DAY 2

Advanced Network Modeling & Clinical Applications

Time	Session	Format
09:00 – 09:30	Recap & Key Concepts	Discussion
09:30 – 10:15	Dynamic Perfusion Techniques & Dual-Energy CT	Lecture
10:15 – 11:00	CT Angiography & Perfusion Integration	Lecture
11:00 – 11:15	Coffee Break	Networking
11:15 – 12:00	Quantitative Perfusion Metrics in Research & AI Models	Lecture
12:00 – 13:00	Perfusion in Neurodegenerative & Epileptic Disorders	Lecture
13:00 – 14:00	Lunch Break	Networking
14:00 – 15:00	Practical Session II: Complex Case Interpretation	Simulation
15:00 – 15:45	Building Standardized Perfusion Protocols for Clinical Practice	Lecture
15:45 – 16:30	Panel Discussion & Certificate Ceremony	Lecture

VENUE

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SCAN



İnkılap Mahallesi Dr. Adnan Büyükdeniz
Caddesi No:13, A Blok, K:3 D:7, 34768
Ümraniye, İstanbul / Türkiye

Contact Information: +90 530 035 96 39



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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.



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Useful Information



Transfer

The transfer vehicle will accompany you during the training.



Training Location

ADN CoE Training, Research Center & Core Lab

İnkılap Mahallesi Dr. Adnan Büyükdeniz Caddesi No:13, A Blok,
K:3 D:7, 34768 Ümraniye, İstanbul / Türkiye



Contact Information

+90 530 035 96 39



Dress Code

Business Casual - Smart Casual



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