ADN CoE®

NECMETTİN ERBAKAN ÜNİVERSİTESİ KONYA

SCIENTIFIC AGENDA

STEP-CSP

CONDUCTION SYSTEM PACING

Structured Training and Education Program in Conduction System Pacing

18 JANUARY 2027 • 2027 COHORT

4	12	6
INTEGRATED MODULES	MONTH MENTORSHIP	SELECTED PHYSICIANS

Programme Director • Enes Elvin Gül, MD, FESC, FEHRA

Organized by ADN CoE® – Center of Excellence



STEP-CSP 2027

COURSE INFORMATION

Professional training and longitudinal mentorship

COURSE	STEP-CSP – Conduction System Pacing
START DATE	18 January 2027
INITIAL MODULE	18–19 January 2027
DURATION	Four modules / 12-month roadmap
LANGUAGE	English
CAPACITY	6 selected physicians
ORGANIZER	ADN CoE® | Center of Excellence
VENUE	Necmettin Erbakan University Hospital, Konya

COURSE OVERVIEW

This booklet provides the proposed scientific agenda, module sequence, clinical access terms and essential participant information for the STEP-CSP 2027 cohort.

LIVE CLINICAL CASES

Real cases are subject to patient consent, clinical indication, scheduling and host institution approval. Case numbers, timing, and complexity cannot be guaranteed.

ACCREDITATION & ETHICAL REVIEW

ADN CoE will apply for EACCME accreditation and the applicable Ethical MedTech event compliance review. These are separate assessments; no CME credits or approval are claimed until formally granted.

EDUCATIONAL NOTICE: Programme participation does not grant professional licensing, clinical privileges or independent procedural competence.



SCIENTIFIC AGENDA

LEARNING OBJECTIVES

Advanced clinical understanding • Patient safety • Case-based learning

01 Understand conduction anatomy and physiological pacing principles.

02 Identify patient-selection criteria and contemporary CSP indications.

03 Compare His-bundle pacing and LBBAP strategies.

04 Review sheath, lead and equipment selection in CSP.

05 Interpret ECG/EGM signals, capture transitions and COI.

06 Review LBBAP procedural workflow and fluoroscopy optimization.

07 Recognize complications and apply troubleshooting frameworks.

08 Understand device programming and post-implant follow-up.

09 Use clinical logbooks and structured faculty feedback.

10 Develop institution-specific CSP education and safety pathways.

FOUR COMPLEMENTARY EDUCATIONAL METHODS

01 THEORY

02 OBSERVATION

03 PROCTORING

04 ASSESSMENT

PATIENT SAFETY FIRST

Clinical decisions and patient management remain the responsibility of authorized treating physicians and the relevant healthcare institutions.



SCIENTIFIC FACULTY

PROGRAMME DIRECTOR

STEP-CSP 2027 • Faculty-led mentorship

EP

Enes Elvin Gül

MD, FESC, FEHRA | Programme Director

Consultant Cardiac Electrophysiologist with international electrophysiology training and clinical expertise in Conduction System Pacing, cardiac pacing and rhythm management.

THE PARTICIPANT JOURNEY

01 **Application & Selection**

Eligibility and experience review.

02 **Theoretical Foundation**

Structured CSP principles and ECG/EGM.

03 **Live Case Observation**

Host-team supervised clinical observation.

04 **Proctored Implementation**

Institution-authorized case review and proctoring.

05 **Wrap-up & Assessment**

Knowledge review, portfolio and feedback.

i **FACULTY AVAILABILITY**

Annual intake is fixed at 6 selected physicians. Faculty allocation, module dates, mentoring appointments and clinical access are subject to written confirmation.

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SCIENTIFIC AGENDA

MODULE 01 | DAY 1

Theoretical foundation – CSP principles and patient selection

DATE • 18 JANUARY 2027 • MONDAY **ENGLISH • FACULTY-LED**

TIME	EDUCATIONAL SESSION	FORMAT
09:00–09:15	**Welcome, objectives & orientation** Programme structure and baseline expectations.	Faculty
09:15–10:00	**Anatomy of the conduction system** His–Purkinje anatomy, septal landmarks and physiology.	Lecture
10:00–10:45	**Anatomy theater** Anatomical Dissection: Understanding the Cardiac Conduction System and Surrounding Structures	Cases
10:45–11:00	**Coffee break**	Break
11:00–12:00	**HBP vs LBBAP: indications** Patient selection, clinical scenarios and pacing alternatives.	Workshop
12:00–12:45	**Sheaths, leads & laboratory setup** Device-neutral comparison and EP lab workflow.	Demonstration
12:45–13:45	**Lunch break**	Break
13:45–14:45	**LBBAP: procedural workflow** Step-by-step implantation rationale and decision points.	Cases
14:45–15:45	**Simulator-assisted lead delivery (Group 1)** Septal lead navigation (subject to equipment availability).	**Simulation**
15:45–16:00	**Coffee break**	Break
16:00–17:00	**Simulator-assisted lead delivery (Group 2)** Septal lead navigation (subject to equipment availability).	**Simulation**

SCHEDULE & CLINICAL NOTICE

This is a proposed academic timetable for faculty approval. Topics and time slots may be updated; simulation access depends on equipment availability.

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SCIENTIFIC AGENDA

MODULE 01 | DAY 2

Electrical confirmation, troubleshooting and clinical follow-up

DATE • 19 JANUARY 2027 • TUESDAY **ENGLISH • FACULTY-LED**

TIME	EDUCATIONAL SESSION	FORMAT
09:00–09:15	**Day 1 recap & knowledge check** Review of key capture and implantation principles.	Interactive
09:15–10:15	**LBB area capture confirmation** ECG/EGM review and relevant electrical findings.	Case review
10:15–11:00	**Fluoroscopy & procedural optimization** Anatomical guidance, imaging and workflow.	Lecture
11:00–11:15	**Coffee break**	Break
11:15–12:15	**Troubleshooting workshop** Thresholds, lead location and transition interpretation.	Workshop
12:15–13:00	**Complications and risk mitigation** Septal injury, lead-related and procedural events.	Cases
13:00–14:00	**Lunch break**	Break
14:00–15:00	**Programming & follow-up** Inpatient/outpatient assessment and documentation.	Interactive
15:00–16:00	**Complex CSP clinical pathways** Patient selection, team workflow and difficult cases.	Workshop
16:00–16:15	**Coffee break**	Break
16:15–17:00	**Module 1 review & next steps** Preparation for hospital observation and case logs.	Discussion

SCHEDULE & CLINICAL NOTICE

Module 1 is a theoretical educational course. Simulation or demonstrations do not constitute authorization to perform invasive clinical procedures.



SCIENTIFIC AGENDA

MODULE 02 | DAY 1

Live CSP case observation – EP laboratory

DATE • DATES TO BE CONFIRMED **ENGLISH • FACULTY-LED**

TIME	EDUCATIONAL SESSION	FORMAT
08:30–09:00	**Clinical orientation & safety** Consent, confidentiality, access and case aims.	Host team
09:00–10:30	**Observed CSP case block A** Case availability and sequence are not guaranteed.	**Observation**
10:30–10:45	**Coffee break**	Break
10:45–12:15	**Observed CSP case block B** Lead selection, placement and electrical confirmation.	**Observation**
12:15–13:00	**Lunch break**	Break
13:00–14:30	**Observed CSP case block C** Case availability and sequence are not guaranteed.	**Cases**
14:30–15:30	**Case Review and post-implant evaluation** Capture criteria and procedural parameter analysis.	Discussion
15:30–16:00	**Debrief, logbook & questions** Learning reflection and clinical observations.	Faculty

SCHEDULE & CLINICAL NOTICE

All cases are observational and subject to the authorized clinical team, patient consent, clinical indications and EP laboratory availability.

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SCIENTIFIC AGENDA

MODULE 02 | DAY 2

Clinical observation – procedural strategy and review

DATE • DATES TO BE CONFIRMED **ENGLISH • FACULTY-LED**

TIME	EDUCATIONAL SESSION	FORMAT
08:30–09:00	**Morning case planning** Patient selection, anatomy and lead strategy.	**Host team**
09:00–10:30	**Observed CSP case block D** Sequence and case mix depend on clinical schedule.	**Observation**
10:30–10:45	**Coffee break**	Break
10:45–12:15	**Observed CSP case block E** Capture confirmation and troubleshooting focus.	**Observation**
12:15–13:00	**Lunch break**	Break
13:00–14:30	**Observed CSP case block F** Case analysis if clinical procedure unavailable.	**Cases**
14:30–15:30	**Case Review and post-implant evaluation** Post-procedure review and follow-up planning.	Discussion
15:30–16:00	**Module 2 review** Proctoring preparation, action plans and logbooks.	Faculty

SCHEDULE & CLINICAL NOTICE

The indicative 3–4 cases/day target from the curriculum is not a guarantee. Cases can be delayed, substituted or cancelled for patient safety.



LONGITUDINAL MENTORSHIP

MODULE 03 | PROCTORING

Institution-based learning • Schedule individually agreed

PROCTOR-SUPERVISED CLINICAL EDUCATION

Institution-based CSP learning at the participant's own hospital, with case planning and faculty feedback. Site authorization and written scheduling are mandatory. Proctor travel and accommodation are funded by the participant-arranged sponsor, not ADN CoE.

01 Institutional readiness

Confirm EP laboratory, clinical approvals and device support.

02 Case selection review

Review indications, risk factors and planned strategy.

03 Proctoring preparation

Agree dates, clinical responsibilities, access and logistics.

04 Clinical educational supervision

Faculty guidance only within approved scope and permissions.

05 Case documentation

Maintain logbook, outcomes and de-identified teaching notes.

06 Follow-up & feedback

Review pacing parameters, complications and improvement.

CLINICAL AUTHORIZATION & RESPONSIBILITY

Proctoring does not grant a medical licence, hospital privileges, independent procedural authorization or guaranteed successful implantations. All patient care remains with licensed treating clinicians and host institutions.



SCIENTIFIC AGENDA

MODULE 04 | DAY 1

Wrap-up, faculty review and competency-oriented assessment

DATE • DATES TO BE CONFIRMED **ENGLISH • FACULTY-LED**

TIME	EDUCATIONAL SESSION	FORMAT
09:00–09:30	**12-month mentorship review** Key objectives, learning journey and portfolio.	Faculty
09:30–11:45	**Participant case presentations I (Physicians 1–3)** Case selection, strategy and moderated discussion.	**Assessment**
11:45–12:00	**Coffee break**	Break
12:00–13:00	**Lunch break**	**Break**
13:00–15:30	**Participant case presentations II (Physicians 4–6)** Case selection, strategy and moderated discussion.	**Assessment**
15:30–15:45	**Coffee break**	Break
15:45–16:30	**ECG / EGM interpretation test (Quiz)** Capture criteria, transitions and pacing signatures.	Assessment
16:30–16:45	**Coffee break**	Break
16:45–18:00	**Quiz reviewing and building a CSP programme** Patient pathways, safety reporting and quality metrics.	Workshop

SCHEDULE & CLINICAL NOTICE

Assessments confirm educational participation and learning progress, not independent procedural competence, licensing or professional privilege.

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SCIENTIFIC AGENDA

MODULE 04 | FINAL HALF-DAY

Wrap-up assessment and educational completion

DATE • TO BE CONFIRMED **0.5 DAY • ENGLISH**

TIME	EDUCATIONAL SESSION	FORMAT
09:00–10:00	**Individual portfolio feedback** Clinical logs and personalized educational review.	Faculty
10:00–11:00	**Knowledge assessment & discussion** Evidence-based CSP decision-making.	Assessment
11:00–11:15	**Coffee break**	Break
11:15–12:15	**Future development roadmap** Individual goals and next learning objectives.	Mentorship
12:15–12:45	**Final faculty feedback & closing** Programme evaluation and completion review.	Faculty

CERTIFICATE OF COMPLETION

Issued or coordinated by ADN CoE® upon fulfilment of programme requirements. This educational certificate does not constitute professional qualification, board certification or independent clinical authority.

IMPORTANT CERTIFICATION NOTE

Educational completion is determined by participation and assessment requirements. Final dates and format are subject to faculty confirmation.



PARTICIPANT SELECTION

ELIGIBILITY & APPLICATION

Annual intake: 6 physicians

- Board-certified cardiologist or final-year cardiology resident/fellow
- Established interest or practice in electrophysiology
- At least 50 permanent pacemaker implants as primary operator
- At least 20 CRT implants as primary operator
- Access to a functioning electrophysiology laboratory
- Institutional commitment to implementing CSP
- English proficiency for scientific teaching and discussion
- Commitment to all four modules and the educational logbook

APPLICATION & SELECTION

1. **Apply**
2. **Document review**
3. **Academic evaluation**
4. **Written acceptance**

SELECTIVE ADMISSION

Applications and relevant qualifications are reviewed individually. Meeting minimum criteria does not guarantee admission, clinical access or a place in the programme.



PROGRAMME INFORMATION

VENUE & CLINICAL SITES

Necmettin Erbakan University Hospital • Konya, Türkiye

NECMETTIN ERBAKAN UNIVERSITY HOSPITAL

Module 1 theoretical education is scheduled for 18–19 January 2027 at Necmettin Erbakan University Hospital, Konya. The exact teaching room, arrival instructions and any clinical access will be communicated to accepted participants.

MODULE 2 – HOST CLINICAL SITE

The planned clinical observation host is Necmettin Erbakan University Hospital. Access, clinical timetable and case observation are subject to the hospital's written confirmation, patient consent and authorized treating team.

MODULE 3 – PARTICIPANT'S INSTITUTION

Clinical proctoring may take place at the participant's own healthcare institution after relevant approvals, written arrangements and verification of practice privileges.

MODULE 4 – EDUCATIONAL ASSESSMENT

Location and dates will be communicated to the selected cohort once the faculty schedule and final assessment plan are approved.

VENUE CONFIRMATION

Host institution and module dates are presented for planning. Clinical access and the exact hospital room/site require written institutional confirmation; no patient procedure is guaranteed.



REGISTRATION & PAYMENT

FEES & SPONSORED TRAVEL

STEP-CSP 2027 • Maximum 6 selected physicians

EARLY BIRD | €13,500 + 20% VAT

Available for the first 2 accepted physicians. Includes the four-module educational programme and 12-month mentorship roadmap, subject to written course and registration terms.

STANDARD | €15,000 + 20% VAT

Standard registration for the remaining 4 places. Total annual cohort is 6 physicians.
All fees exclude 20% VAT, which is added at checkout; other exclusions are in the agreement.

REGISTRATION PAYMENT

Following academic acceptance, full payment (100%) of the programme fee plus 20% VAT is required in a single transaction. Deposits, instalments and partial payments are not accepted. Registration is confirmed only after the full amount has been received.

MODULE 3 | SPONSOR RESPONSIBILITY

For the proctor's visit to a participant's own hospital, airfare and accommodation must be arranged and paid for by the sponsor secured by that participant. These travel costs are not borne by ADN CoE.

COST INCLUSION / EXCLUSION

Participant travel, hotels, proctor-visit travel, and independently arranged services are not included unless expressly confirmed in writing. No third-party travel cost is guaranteed by ADN CoE.



USEFUL INFORMATION

ACCOMMODATION & TRANSFERS

Arrange travel only after your written programme confirmation

ACCOMMODATION OPTIONS

Hotel availability, category and rates depend on the final confirmed venue and travel period. Where offered, ADN CoE® can coordinate accommodation upon request. No accommodation or specific hotel category is automatically included.

TRANSPORTATION & TRANSFER

Airport, hotel and training-venue transfers may be arranged on request according to the final schedule. Participants can independently book their own transport and accommodation unless otherwise specified in their registration agreement.

TRAVEL CHECKLIST

Valid passport and visa • Travel and health insurance • Flexible flights • Written venue confirmation

INTERNATIONAL ARRIVAL

Arrival at least one day before the confirmed module is recommended where feasible. Training-specific venue, transfer times and meeting instructions will be sent in the participant welcome pack.

IMPORTANT TRAVEL NOTICE

Choose refundable, changeable or flexible air tickets and accommodation whenever possible. Clinical schedules may change due to patient or hospital-related factors.



INTERNATIONAL PARTICIPANTS

USEFUL INFORMATION

Please review these requirements before travelling

BEFORE TRAVEL

English-language programme. Request invitation letters early. Confirm passports, visa and arrival information.

WHAT ADN CoE PROVIDES

Programme coordination, confirmed educational timetable, course materials where specified, and completion documentation if requirements are met.

DURING THE TRAINING

Observe hospital infection-control, safety and confidentiality rules. Clinical scrubs/PPE and access depend on the host institution.

OPTIONAL SERVICES

Accommodation and transfer assistance may be requested separately. For Module 3 hospital proctor visits, the participant-arranged sponsor covers the proctor's flights and accommodation; these are excluded from registration fees.

PATIENT PRIVACY

No photos, recordings, distribution of patient information or procedure footage without necessary authorization.

CONTACT

trainings@adncoe.com | +90 539 821 4747 | www.adncoe.com

EDUCATIONAL AND PATIENT SAFETY WARNING

Participants must comply with applicable patient consent, confidentiality, institution and healthcare licensing requirements. ADN CoE® provides education coordination, not independent patient care.



PARTICIPANT NOTICE

IMPORTANT POLICIES

Accreditation • Clinical responsibility • Registration and privacy

EACCME & ETHICAL MEDTECH

ADN CoE will submit STEP-CSP for EACCME accreditation and applicable Ethical MedTech event compliance assessment. These are separate processes. Credits or compliance approval will be publicized only after written decisions.

CERTIFICATES & CLINICAL PRIVILEGES

Certificate of Completion confirms educational participation and fulfilment of programme requirements. It does not constitute medical licensure, board certification, professional privileges or guaranteed competence.

CASE & FACULTY AVAILABILITY

Clinical cases, sites and faculty assignments may change due to patient condition, consent, scheduling or regulatory constraints. Patient safety takes precedence over education.

REGISTRATION, CANCELLATION & REFUNDS

Following acceptance, 100% of the fee plus 20% VAT must be paid in one transaction. No instalments. Cancellations, transfers and refunds follow written registration terms and applicable mandatory law.

SCIENTIFIC INDEPENDENCE & SPONSORSHIP

Faculty disclose relevant conflicts. Any educational grant support will be managed transparently; sponsors do not control participant selection, patient treatment or academic assessment.

DATA & INTELLECTUAL PROPERTY

Patient confidentiality and copyright obligations apply. No unauthorized recording, redistribution, clinical image sharing or publication. Personal data handled under applicable law.

This scientific agenda is issued for educational planning and remains subject to faculty, regulatory and host-institution approval.

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18 JANUARY 2027 • 12-MONTH MENTORSHIP

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