



ISEN International Society for ECT and Neurostimulation



2022 VIRTUAL EVENTS

31st Annual Meeting | April 23-24, 2022

ECT Certificate Course | May 14-15, 2022

www.isen-ect.org



ISEN: The Society



The International Society for ECT and Neurostimulation (ISEN), formerly the Association for Convulsive Therapy (ACT), was established in 1976 and incorporated as a nonprofit, tax exempt corporation in 1993. ISEN is an international organization dedicated to promoting the safe, ethical, and effective use of Electroconvulsive Therapy (ECT) and other brain stimulation therapies for the treatment of neuropsychiatric illness through education and research.

Activities through which this mission is accomplished include co-sponsorship of *The Journal of ECT* (the official journal of the ISEN), sponsorship of courses on ECT at the annual meeting of the American Psychiatric Association (APA), the ISEN Annual Meeting

and Scientific Program (traditionally held in person on the first Sunday of the APA Annual Meeting), an annual certification course for ECT, co-sponsorship of other scientific meetings and ECT training courses throughout the year, and the convening of task forces regarding ECT issues.

2022 marks the second year that ISEN will host live virtual events. The Annual Meeting is set to include plenary presentations by leading experts in the fields of ECT, TMS, and other novel brain stimulation therapies, as well as a poster session for abstract submissions. The course will consist of didactic and practicum experiences, and conclude with an online certification exam. Members enjoy the benefit of discounted registration rates.



Membership Annual Dues



The Annual Dues Include:

- one-year membership to ISEN (January through December)
- one-year subscription to the print version of *The Journal of ECT*
- one-year access to the full-text online version of *The Journal of ECT*
- full access to the ISEN Internet website, including Membership Directory, Discussions, and ISEN e-news

The Annual Dues Are as Follows:

- Physician Member.....\$395
- Physician Member w/o print version of *The Journal of ECT*.....\$375
- Physician Member w/o print or online version of *The Journal of ECT*\$205
- Nurse Member\$100
- Member-in-training (Residents, Fellows, Students)\$100

International members may be eligible for reduced pricing. To learn more, and to join or renew your membership, please visit www.isen-ect.org.



Important Event Notes

Refund Policy

A refund of the registration fee, less an \$85 processing fee, will be made when an email-written request followed by an email-written confirmation is received one week prior to the event start date. After this time, refunds cannot be made. Fees will not be refunded for failure to participate. The sponsors of the course reserve the right to cancel or postpone any conference because of unforeseen circumstances or insufficient enrollment. In the event of such cancellations, full tuition will be refunded. ISEN reserves the right to refuse registration, or refund registration fees, to any person whose presence has the potential to be disruptive and/or not consistent with the mission and goals of the organization.

Virtual Events and Digital Materials

These live virtual events will be hosted via Zoom Video Webinar. Registrants will have access to program information, including slide sets received from speakers in advance of the meeting, via a password-protected page on the ISEN website.

Disclosure of Commercial Relationships

In compliance with the ACCME Standards for Commercial Support, all individuals in a position to control/influence the content of this activity are required to disclose relevant financial interests with any commercial interests and/or non-FDA approved use of a drug or a device that is included in the presentation.

Enhancing Communication

If you require assistance with hearing or vision to make this conference accessible to you, please email meetings@isen-ect.org at least three weeks prior to the event date.



Annual Meeting Overview

Intended Audience

This year's conference is intended for practitioners, mental health professionals, and researchers of ECT and related stimulation techniques. A poster session will allow for the most recent research in ECT and other brain stimulation modalities to be presented. The information presented in this CME offering reflects the opinion of the presenters. As with all science, there may be multiple explanations for the data and multiple reasonable conclusions.

Objectives

At the conclusion of the conference, participants should be able to

- describe the implications of the laws that restrict access to electroconvulsive therapy for patients who lack decision-making capacity and the ethical implications of such laws.
- facilitate thoughtful conversation and collective action toward improving equity in ECT care.
- describe how changes in heart rate variability can be helpful in finding the accurate target for TMS.
- describe how different depression symptoms may require different brain stimulation targets.

Continuing Education Information

This activity provides continuing education credit for physicians and psychologists. This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the collaboration of AffinityCE and ISEN. AffinityCE is accredited by the ACCME to provide continuing medical education for physicians.

AffinityCE designates this live CME activity for a maximum of 8.75 hours of *AMA PRA Category 1 Credit(s)*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

AffinityCE is approved by the American Psychological Association to sponsor continuing education for psychologists. AffinityCE maintains responsibility for this program and its content. The instructional level of this activity is intermediate. The cost to participate in this CE activity is included in the activity registration fee.

Nurses and other health professionals can receive a participation certificate that states that this activity provides *AMA PRA Category 1 Credit(s)*[™]. This may be used for continuing education credit. Please consult your accrediting organization or licensing board for their acceptance of this CE activity.



ISEN 31st Annual Meeting Agenda

Saturday, April 23, 2022 (page 1)

Start	End	Symposia / Session
9:45a ET	10:00a ET	WELCOME AND OPENING REMARKS M. Justin Coffey, MD
		PRACTICAL CHALLENGES DURING ECT PRACTICE Adriana Hermida, MD [chair]
10:00a ET	10:30a ET	Challenges Related to the ECT Consent Process Richard Weiner, MD, PhD
10:30a ET	11:00a ET	The Ethics of Non-Voluntary ECT and Differences in Laws Governing This Ana S. Iltis, PhD
11:00a ET	11:30a ET	Dosing Methods in ECT Per Bergsholm, MD, PhD
11:30a ET	12:00p ET	BREAK
12:00p ET	12:30p ET	Staging and Combining Brain Stimulation Modalities Harold Sackeim, PhD
12:30p ET	1:00p ET	Practical Challenges During ECT Practice Panel Q&A
1:00p ET	1:30p ET	BREAK
		DIVERSITY AND EQUITY IN ECT M. Justin Coffey, MD [chair]
1:30p ET	2:00p ET	Fostering an Environment of Equitable Mental Health Care Delivery: Shifting the “Current” Paradigm E. Vanessa Spearman-McCarthy, MD
2:00p ET	2:30p ET	Detecting and Undoing Racial Bias in ECT Service Delivery Carmen Black, MD



ISEN 31st Annual Meeting Agenda

Saturday, April 23, 2022 (page 2)

Start	End	Symposia / Session
2:30p ET	2:45p ET	BREAK
2:45p ET	3:15p ET	Gender, Racial and Ethnic Characteristics of US ECT Providers and Patients William Regenold, MDCM
3:15p ET	3:45p ET	Real-Time Pursuit of Equity in Healthcare C. Edward Coffey, MD
3:45p ET	4:15p ET	Diversity and Equity in ECT Panel Q&A
4:15p ET	4:30p ET	BREAK
4:30p ET	5:15p ET	NURSES NETWORKING SESSION Donna Ecklesdafer, MSN, BSN, RN [chair]
On-Demand Poster Session		<i>Pre-recorded abstract poster presentations will be available to view on-demand on the ISEN website. These presentations are not accredited for CME.</i>



ISEN 31st Annual Meeting Agenda

Sunday, April 24, 2022 (page 3)

Start	End	Symposia / Session
		PERSONALIZED/PRECISION APPROACHES TO NEUROMODULATION Irving Reti, MBBS, MD [chair]
10:00a ET	10:30a ET	Closed-Loop Neuromodulation in an Individual with Treatment-Resistant Depression Andrew Krystal, MD
10:30a ET	11:00a ET	Circuit-Targeted Neuromodulation Across Symptoms and Disorders Shan Siddiqi, MD, MBBS
11:00a ET	11:15a ET	BREAK
11:15a ET	11:45a ET	Heart Rate Variability Measurement During Transcranial Magnetic Stimulation: Neurocardiac Guided Targeting and Progressive Changes With Treatment Peter Rosenquist, MD
11:45a ET	12:15p ET	Personalized/Precision Approaches to Neuromodulation Panel Q&A
12:15p ET	12:45p ET	BREAK
		ISEN AWARDS Presented by Adriana Hermida, MD, W. Vaughn McCall, MD, MS and Donna Ecklesdafer, MSN, BSN, RN
12:45p ET	1:00p ET	Best Abstract by a Trainee Award - Perceived Barriers to Using Psychiatric Electroceutical Interventions: A National Survey of Psychiatrists, Patients, Caregivers, and the General Public Maryssa Gilbert, MA, RD
1:00p ET	1:15p ET	Best Abstract Award - ECT in Developmental Disorders: National Data ECT Charles Mormando, DO



ISEN 31st Annual Meeting Agenda

Sunday, April 24, 2022 (page 4)

Start	End	Symposia / Session
1:15p ET	1:30p ET	Best Publication, <i>Journal of ECT</i> Award - Long-term Risk of Developing Dementia After Electroconvulsive Therapy for Affective Disorders Simon Hjerrild, MD, PhD
1:30p ET	1:45p ET	Mary Rosedale Patient Advocacy Award Kitty Dukakis
1:45p ET	2:00p ET	BREAK
		LIGHTNING TALKS Daniel Maixner, MD [chair] <i>selected from submitted abstracts</i> <i>10-minute presentation with 2 minutes for Q&A</i>
2:00p ET	2:12p ET	Implementation of an Electroconvulsive Therapy Measurement-Based Care Project: Initial Findings of the ECT Clinical Outcome Results Assessment (ECT-CORA) Joshua Hubregsen, MD
2:12p ET	2:24p ET	A Retrospective Comparative Analysis of Two ECT Protocols from Clinical Samples of Tertiary Care South Indian Hospital S. K. Divya, DNB
2:24p ET	2:36p ET	Electroconvulsive Therapy for Psychosis Symptom Treatment in 2 Patients with Biomarkers for Neurodegenerative Disorders Jacob Feigal, MD



ISEN 31st Annual Meeting Agenda

Sunday, April 24, 2022 (page 5)

Start	End	Symposia / Session
2:36p ET	2:48p ET	Electroconvulsive Therapy-Induced Hippocampal Volume Increase and its Underlying Microstructural Cellular Mechanism Akihiro Takamiya, MD, PhD
2:48p ET	3:00p ET	Trends in ECT and rTMS in the Medicare Part B System 2000-2020 - Impact of Year One of the COVID-19 Pandemic Patrick Ying, MD
On-Demand Poster Session		<i>Pre-recorded abstract poster presentations will be available to view on-demand on the ISEN website. These presentations are not accredited for CME.</i>



ISEN Annual Meeting Faculty & Planning Committee

Planning Committee

FRANK M. MOSCARILLO, MD

Executive Director, ISEN

Chevy Chase, Maryland

M. JUSTIN COFFEY, MD

President, ISEN

Chair, Department of Psychiatry & Behavioral Health, Geisinger, Associate Professor, Geisinger Commonwealth School of Medicine
Danville, Pennsylvania

ADRIANA P. HERMIDA, MD

Vice President, ISEN

Program Chair

Associate Professor, Geriatric Psychiatry
Fellowship Director, Department of Psychiatry and Behavioral Sciences, Emory University
Atlanta, Georgia

DANIEL F. MAIXNER, MD

Secretary, ISEN

ECT Program Director, Associate Professor of Psychiatry, Michigan Medicine
Ann Arbor, Michigan

IRVING M. RETI, MBBS, MD

Treasurer, ISEN

Director, Brain Stimulation Program, Professor of Psychiatry and Behavioral Sciences, Johns Hopkins Hospital
Baltimore, Maryland

Practical Challenges During ECT Practice

ADRIANA P. HERMIDA, MD

(see above)

RICHARD D. WEINER, MD, PHD

Professor, Department of Psychiatry and Behavioral Sciences, Duke University Medical Center
Durham, North Carolina

ANA S. ILTIS, PHD

Professor of Philosophy, Carlson Professor of University Studies, Director, Center for Bioethics, Health and Society, Wake Forest University
Winston-Salem, North Carolina

PER BERGSHOLM, MD, DMEDSC

Department of Psychiatry, District General Hospital of Førde
Sogndal, Norway

HAROLD SACKEIM, PHD

Professor of Psychiatry and Radiology, Columbia University, Chief of Biological Psychiatry, New York State Psychiatric Institute
New York, New York



ISEN Annual Meeting Faculty & Planning Committee *(continued)*

Diversity and Equity in ECT

M. JUSTIN COFFEY, MD
(see above)

E. VANESSA SPEARMAN-MCCARTHY, MD
Associate Dean for Learner Diversity, Equity, and Inclusion, Associate Professor of Internal Medicine and Psychiatry, Medical Director of Consultation Liaison Psychiatry, General Internal Medicine, Medical College of Georgia at Augusta University
Augusta, Georgia

CARMEN G. BLACK, MD
Assistant Professor of Psychiatry, Yale University School of Medicine
Connecticut Mental Health Center
New Haven, Connecticut

WILLIAM T. REGENOLD, MDCM
Medical Director, Noninvasive Neuromodulation Unit, Experimental Therapeutics and Pathophysiology Branch, Division of Intramural Research Program, National Institute of Mental Health, National Institutes of Health
Bethesda, Maryland

C. EDWARD COFFEY, MD
Affiliate Professor of Psychiatry and Behavioral Sciences, Medical University of South Carolina
Charleston, South Carolina

Nursing

PAULA BOLTON, MS, CNP, ANP-BC
Nursing Subcommittee Co-Chair, ISEN
Program Director, Infection Control, Psychiatric Neurotherapeutics Program, McLean Hospital
Belmont, Massachusetts

DONNA ECKLESDAFER, MSN, BSN, RN
Nursing Subcommittee Co-Chair, ISEN
Neuromodulation Clinic Manager, Pine Rest Christian Mental Health Services
Grand Rapids, Michigan

Personalized/Precision Approaches to Neuromodulation

IRVING M. RETI, MBBS, MD
(see above)

ANDREW KRYSTAL, MD
Ray and Dagmar Dolby Distinguished Professor, Departments of Psychiatry and Neurology, Vice-Chair, Research, Department of Psychiatry, Director, Dolby Family Center for Mood Disorders, Director, UCSF Interventional Psychiatry Program, Co-Director, TMS & Neuromodulation Clinic, The UCSF School of Medicine
San Francisco, California



ISEN Annual Meeting Faculty & Planning Committee *(continued)*

SHAN H. SIDDIQI, MD, MBBS

Psychiatry Instructor, Brigham and Women's
Hospital
Boston, Massachusetts

PETER B. ROSENQUIST, MD

Professor, Executive Vice Chair, Leon Henri
Charbonnier Endowed Chair, Director of
Therapeutic Stimulation, Department of
Psychiatry and Health Behavior, Medical College
of Georgia at Augusta University
Augusta, Georgia

Awards

MARYSSA GILBERT, MA, RD

Research assistant and fourth year medical
student, Michigan State University
East Lansing, Michigan

CHARLES MORMANDO, DO

Assistant Professor, Department of Psychiatry and
Behavioral Health, Director, Division of
Neuromodulation, Division of Adult Inpatient
Services (Pennsylvania Psychiatric Institute), The
Pennsylvania State University
University Park, Pennsylvania

SIMON HJERRILD, MD, PHD

Associate Clinical Professor, Aarhus University
Hospital, Psychiatry
Aarhus, Denmark



ISEN Annual Meeting Registration

Registration

Visit www.ISEN-ect.org to register online. Registration for this event closes April 15, 2022.

Trainee and student registrants must verify their status via an enrollment verification letter. Email such documentation to contact@isen-ect.org.

Registration Fees 31st Annual Meeting April 23-24, 2022

- ISEN Physician Members \$490
- ISEN Other Clinician Members \$490
- ISEN Nurse Members \$150
- ISEN Residents/Fellows/Student Members* \$150
- ISEN Abstract Poster/Oral Presenters** \$250
- Non-Member Physicians \$870
- Non-Member Other Clinicians \$870
- Non-Member Nurses \$250
- Non-Member Residents/Fellows/Students* \$250
- Non-Member Abstract Poster/Oral Presenters** \$450

*Requires status verification

**Requires acceptance of submitted abstract; one presenter per poster

International registrants may be eligible for reduced pricing. To learn more, and to join or renew your membership, please visit www.isen-ect.org.



ECT Course Overview

Intended Audience

Since its development in 1938, electroconvulsive therapy has remained a crucial part of the psychiatrist's armamentarium in the treatment of major mental illness. Continued research has resulted in numerous refinements in treatment technique. Recommendations in the last decade regarding optimal practice have included important new ideas regarding patient selection, stimulus dose titration, and outpatient maintenance strategies. The International Society for ECT and Neurostimulation (ISEN), in accordance with its mission to promote the safe and effective use of ECT, commissioned a task force in 1997 to study the training and credentialing of clinicians in this treatment modality. As a result of this task force, this full-day course on ECT, with exam, was developed. This course has been developed for psychiatrists, other physicians, and nurses involved in the administration of ECT.

Objectives

At the conclusion of the course, participants should be able to

- identify the indications for electroconvulsive therapy and appropriateness of patients,
- evaluate patients to determine appropriateness for unilateral or bilateral treatment,
- understand stimulus settings for present ECT devices,
- identify and manage common ECT complications,
- develop effective continuation and maintenance treatment strategies for patients with recurrent illness.

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Practicum sessions will give attendees sufficient time to complete the course objectives. However, ISEN does not certify the competency of any individual.



ECT Certificate Course Agenda

Saturday, May 14, 2022 (page 1)

Start	End	Session
9:45a ET	10:00a ET	Welcome and Opening Remarks Richard Jaffe, MD
10:00a ET	10:45a ET	Patient Selection, Preparation, and Management in ECT Richard Jaffe, MD
10:45a ET	11:30a ET	Decisions in the Course of ECT Robert M. Greenberg, MD
11:30a ET	12:00p ET	Morning Q&A Richard Jaffe, MD and Robert M. Greenberg, MD
12:00p ET	12:30p ET	BREAK
12:30p ET	1:15p ET	ECT Adverse Effects and Their Management Richard D. Weiner, MD, PhD
1:15p ET	2:00p ET	The Use of Anesthesia in ECT Georgios Petrides, MD
2:00p ET	2:30p ET	Afternoon Q&A Richard D. Weiner, MD, PhD and Georgios Petrides, MD



ECT Certificate Course Agenda

Sunday, May 15, 2022 (page 2)

Start	End	Session
10:00a ET	10:45a ET	Practicum Session EEG W. Vaughn McCall, MD, MS
10:45a ET	11:30a ET	Practicum Session ECT Devices C. Edward Coffey, MD and Joan Prudic, MD
11:30a ET	12:00p ET	BREAK
12:00p ET	12:45p ET	Practicum Session Patient Preparation Charles H. Kellner, MD and Amy S. Aloysi, MD, MPH
12:45p ET	1:15p ET	Sunday Q&A w. Vaughn McCall, MD, MS, C. Edward Coffey, MD, Joan Prudic, MD, Charles H. Kellner, MD and Amy S. Aloysi, MD, MPH
1:15p ET	1:45p ET	BREAK
1:45p ET	2:45p ET	Online Certificate Exam



ECT Certificate Course Faculty

AMY S. ALOYSI, MD, MPH

Director, Interventional Psychiatry, The Icahn School of Medicine at Mount Sinai
New York, New York

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Course Director

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RICHARD D. WEINER, MD, PHD

Professor, Department of Psychiatry and Behavioral Sciences, Duke University Medical Center
Durham, North Carolina



ECT Certificate Course Registration

Registration

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- Non-Member Residents/Fellows/Students* \$445

*Requires status verification

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