

## Young Epilepsy Section

### Annual Report 2023

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Parthvi Ravat (India), communications and interactive media leader  
Stuart Smith (UK), membership leader  
Aleksandra Volkova (Russia), advocacy leader

#### MEETINGS

The ILAE Young Epilepsy Section (YES) met 24 times in 2023.

#### HIGHLIGHTS

- YES booth sessions at IEC 2023 in Dublin, Ireland
- Neuroimaging in Epilepsy course
- First ILAE-Latin American YES retreat in Buenos Aires, Argentina

#### ACTIVITIES

##### First Neuroimaging Course

For the first time, we ran a hands-on virtual course on post-processing neuroimaging in epilepsy. The course lasted 11 weeks. The selection process for the YES Neuroimaging in Epilepsy course involved five participants per ILAE region, totaling 30 participants. Allied healthcare professionals without clinical work were excluded from the selection process. The criteria for selection were: Current location, clinical experience (with a preference for less experienced clinicians, but with expertise in neuroimaging post-processing), working with underserved populations, and the motivation letter. One hundred seventy-three applications were received, with 15 submitted after the deadline. The post-course survey showed high satisfaction levels, and suggestions were made to improve the upcoming courses.

The following tables are from the Neuroimaging in Epilepsy course:

Topic	Lecturer	Date (Q&A session)*
Why multimodal imaging in epilepsy?	Dr Wim Van Paesschen	June 1st
The importance of appropriate neuroimaging protocols: The HARNESS protocol	Dr Neda Bernasconi	June 8th
Basic understanding of neuroimaging data: formats, terminology, nomenclature, scripting, GUIs	Dr Ahmed Radwan	June 15th
Voxel and surface-based morphometry in MRI using FreeSurfer	Dr Carolina Ferreira-Atuesta	June 22nd
Voxel and surface-based morphometry in MRI using SPM	Dr Marian Galovic	June 29th
Detecting FCD using the MELD pipeline	Dr Konrad Adler-Wagstyl	July 6th
Detecting FCD using NOEL FCD texture pipeline	Dr Andrea Bernasconi	July 13th
ESI using Brainstorm	Dr Sylvain Baillet	July 20th
SPECT	Dr Evy Cleeren	August 3rd
fMRI in epilepsy	Dr Anna Vaudano	August 10th

ILAE Region	Applications	Selected	Attended*
Africa	1	1	0
Asia/Oceania	37	7	5
Eastern Mediterranean	12	5	2
Europe	46	6	5
Latin America	32	7	2
North America	11	5	5
<b>Total</b>	<b>139</b>	<b>31</b>	<b>19</b>

\* At least a third of Q&A sessions

### 35<sup>th</sup> International Epilepsy Congress

We held five sessions at the YES booth, all with very good evaluation after the congress:

1. Advantages and challenges of using SEEG for the study of the bidirectional relationships between sleep and epilepsy
2. Mistakes not to make in getting therapy from the lab to the clinic
3. Seizure prediction - methods, devices, and future challenges
4. Finding work-life balance and preventing burnout
5. Translating ideas to publications - a three-phase standard operating procedure

The YES networking event was very successful and joyful.

The following pie charts are from the survey we conducted after each session at the YES-booth:

**ILAE-YES events at IEC 2023**



**Advantages and challenges of using SEEG for the study of the bidirectional relationships between sleep and epilepsy**



**ILAE-YES events at IEC 2023**



**Translating ideas to publications - a three phase standard operating procedure**



**ILAE-YES events at IEC 2023**



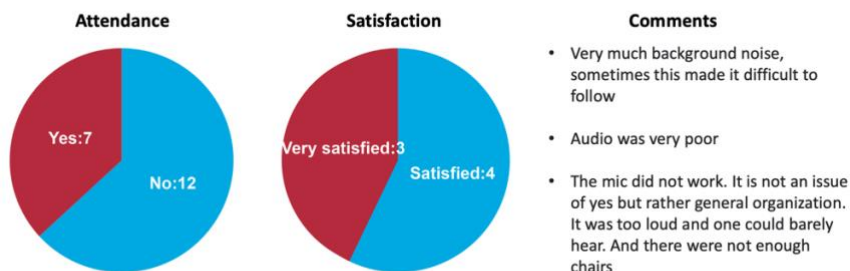
**Seizure prediction - methods, devices and future challenges**



## ILAE-YES events at IEC 2023



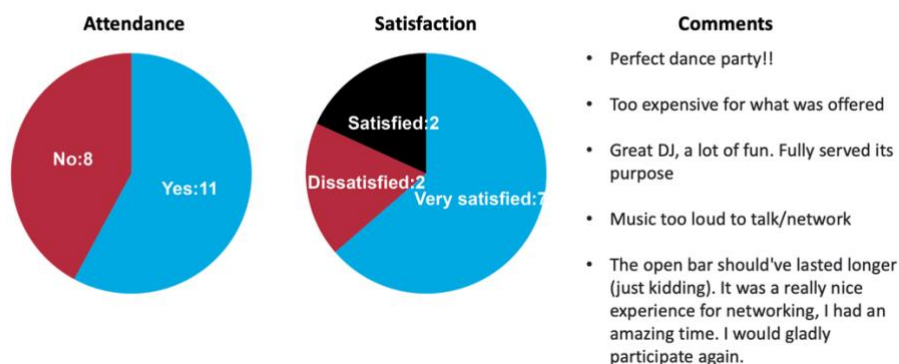
### Mistakes not to make in getting therapy from the lab to the clinic



## ILAE-YES events at IEC 2023



### ILAE YES Networking Event



## ILAE-YES events at IEC 2023



### Finding work-life balance and preventing burnout



### Re-registration

We are conducting a campaign on re-registration in compliance with the GDPR guidelines.

## **ACCOMPLISHMENTS**

The YES Facebook, X (Twitter), and Instagram social media performance has shown significant growth and engagement. On Facebook, the page gained 2982 new followers, resulting in a net increase of 36 followers, representing a 64% increase from the previous period. The reach and impressions also saw a substantial increase, reaching 3.1k, a 102% rise from the last period, with an engagement metric of 287, marking a 44% increase. X experienced a follower count of 3168 and a notable 123.5% increase in tweet impressions, totaling 39k. The retweet and like statistics revealed an average of 1.3k impressions per day, an engagement rate of 2.8%, and an average of five clicks per day. On Instagram, the account garnered 1900 new followers, with 69% women and 30% men. The age range of the followers varied from 18 to over 65 years, with 43.4% between 25 and 34 years and 36.7% between 35 and 44 years. The top countries engaging with the account were Brazil (10.1%), Colombia (9.3%), Argentina (8.8%), Turkey (7.9%), and the USA (7.7%). The reach on Instagram surged to 4.3k, a 117% increase, with visits reaching 3k, reflecting a substantial 141% rise in engagement.

The first Neuroimaging in Epilepsy course was held and became an instant success, with more than 170 applications received. Covering all regions from ILAE, this is the first time that we have covered all regions with an educational tool.

We had elections for the new board before IEC 2023 in September. We continue to thrive in participation and members across the globe.

*Report submitted by Sebastian Ortiz*