

Clinical Characteristics and Prognostic Significance of Subclinical Seizures in Focal Epilepsy: A Retrospective Study

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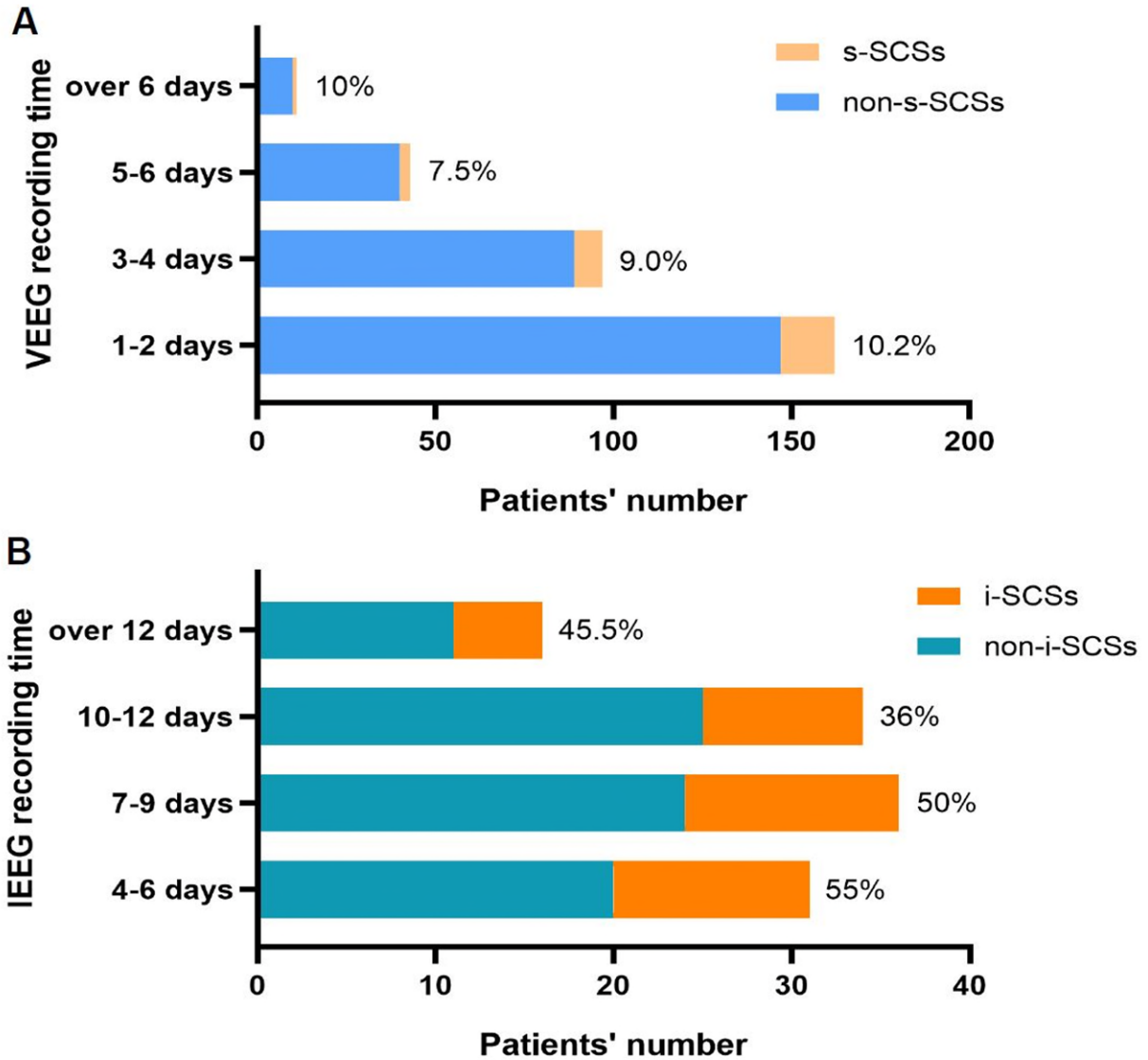
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Supplementary figure 1. The relationship between the VEEG time (A) / IEEG time (B) and the occurrence of SCSs. s-SCSs = subclinical seizures recorded by scalp VEEG; non-s-SCSs = had no subclinical seizures recorded by scalp VEEG; i-SCSs = subclinical seizures recorded by IEEG; non-i-SCSs = had no subclinical seizures recorded by IEEG.



Supplementary table 1. The relation between lesion locations in MRI and SCSs in the VEEG group.

Variables	Whole, n=286	s-SCSs, n=28	non-s-SCSs, n=258	P-value
MRI-positive(location)	243(84.97%)	20	223	0.067 ^a
Frontal	60(20.98%)	7	53	0.582 ^a
Temporal	152(53.15%)	10	142	0.053 ^a
Parietal	8(2.80%)	2	6	0.387 ^a
Occipital	4(1.40%)	0	4	1.000 ^b
Insular	3(1.05%)	0	3	1.000 ^b
Hypothalamus	5(1.75%)	0	5	1.000 ^b
Multilobe	11(3.85%)	1	10	1.000 ^b
MRI-negative	43(15.03%)	8	35	0.067 ^a

^a Chi-square test.

^b Fisher's exact test.

Abbreviations: VEEG = video-electroencephalogram; SCSs = subclinical seizures; s-SCSs = subclinical seizures recorded by scalp VEEG; non-s-SCSs = had no subclinical seizures recorded by scalp VEEG.

Supplementary table 2. The relation between lesion locations in MRI and SCSs in the IEEG group.

Variables	Whole, n=80	i-SCS, n=40	non-i-SCS, n=40	P-value
MRI-positive(location)	48(60%)	27	21	0.171 ^a
Frontal	13(16.25%)	5	8	0.363 ^a
Temporal	24(30%)	17	7	0.015 ^a
Parietal	3(3.75%)	2	1	1.000 ^a
Occipital	1(1.25%)	0	1	1.000 ^b
Insular	2(2.5%)	2	0	0.494 ^b
Hypothalamus	2(2.5%)	0	2	0.494 ^b
Multilobe	3(3.75%)	1	2	1.000 ^a
MRI-negative	32(40%)	13	19	0.171 ^a

^a Chi-square test.

^b Fisher's exact test.

Abbreviations: IEEG = intracranial electroencephalogram; SCSs = subclinical seizures; i-SCSs = subclinical seizures recorded by IEEG; non-i-SCSs = had no subclinical seizures recorded by IEEG.

Supplementary table 3. The correlation between the low metabolism region of PET and the occurrence of i-SCSs.

Variables	Whole, n=80	i-SCS, n=40	non-i-SCS, n=40	P-value
Frontal	11(13.75%)	8	3	0.105 ^a
Temporal	21(26.25%)	14	7	0.075 ^a
Parietal	4(5%)	2	2	1.000 ^a
Occipital	2(2.5%)	0	2	0.494 ^b
Multilobe	31(38.75%)	12	19	0.108 ^a
Negative	10(12.5%)	3	7	0.176 ^a
Had no PET	1(1.25%)	1	0	1.000 ^b

^a Chi-square test.

^b Fisher's exact test.

Abbreviations: IEEG = intracranial electroencephalogram; SCSs = subclinical seizures; i-SCSs = subclinical seizures recorded by IEEG; non-i-SCSs = had no subclinical seizures recorded by IEEG; PET = positron emission tomography.