

# Clinical Presentation

Please complete the survey below.

Thank you!

**In your patients with EMAS-AFTER the initial afebrile seizure WHEN FIRST did you suspect this diagnosis? ( Specify percentages at the following time points .Your answers do not have to add up to 100%):**

Percentage of patients where you had a strong clinical suspicion for EMAS- within 1 month of first afebrile seizure:

\_\_\_\_\_

Percentage of patients where you had a strong clinical suspicion for EMAS- 1- 3 months after first afebrile seizure?

\_\_\_\_\_

Percentage of patients where you had a strong clinical suspicion within 3-6 months after first afebrile seizure?

\_\_\_\_\_

Percentage of patients where you had a strong clinical suspicion within 6-12 months after first afebrile seizure?

\_\_\_\_\_

Percentage of patients where you had a strong clinical suspicion within 12-18 months of first afebrile seizure?

\_\_\_\_\_

What is the youngest age of afebrile seizure onset that you have seen with a definitive evolution of EMAS (in years)?

\_\_\_\_\_

What is the oldest age of afebrile seizure onset that you have seen with a definitive evolution of EMAS (in years)?

\_\_\_\_\_

**What % of your patients with EMAS have the following development at time of seizure onset:**

Percent of patients without clear delay:

\_\_\_\_\_

Percent of patients with suspected developmental delay

\_\_\_\_\_

Percent of patients with clear mild delay:

\_\_\_\_\_

Percent of patients with moderate or greater delay:

\_\_\_\_\_

**Evolution of different seizure types: For the next 2 questions we would like to assess what types and percentage of seizures are seen for the FIRST TIME and whether they are seen at onset versus seen later in the course of EMAS.**

**For each of the following seizure type(s) indicate the percentage when they are seen for the first time within 6-12 months of onset of first afebrile seizure**

	< 25%	25-50%	50-75%	>75%
GTCS- afebrile	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Myoclonic	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Myoclonic- atonic	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Atonic	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Atypical absence	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tonic	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Nonconvulsive status epilepticus	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**For each of the following seizure type(s) indicate the percentage when they are seen for the first time AFTER 12 months of onset of the first afebrile seizure- please do not carry over patients that continue to have seizure types that had started earlier.**

	< 25%	25-50%	50-75%	>75%
GTCS-afebrile	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Myoclonic	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Myoclonic-atonic	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Atonic	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Atypical absence	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tonic	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Nonconvulsive status epilepticus	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**For each of the following seizure types indicate whether they are mandatory for diagnosis, typically seen but not mandatory, occasionally seen or rarely seen**

	Mandatory for diagnosis of EMAS	Usually (>90%) seen but not mandatory for diagnosis	Often seen (50-90%)	Occasionally seen (10-49%)	Rarely seen (< 10%)
GTCS-afebrile	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Myoclonic	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Myoclonic-atonic	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Atonic	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Atypical absence	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tonic	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Nonconvulsive status epilepticus	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Some clinicians describe a "stormy" course in children with EMAS, or a state of subacute exacerbation of symptoms: where there are typically recurrent bouts of non-convulsive status epilepticus and an increase in other types of generalized seizures including generalized tonic clonic, atonic and tonic seizures, as well as absence and myoclonic seizures.**

In what proportion of your patients is this stormy course seen?

- < 25%  
 25-50%  
 50-75%  
 >75%

**What % of your patients with EMAS show evidence of a stormy course at the following time points after first afebrile seizure onset**

Percentage of patients within 0-3 months after first afebrile seizure onset:

\_\_\_\_\_

Percentage of patients within 3-6 months after afebrile seizure onset:

\_\_\_\_\_

Percentage of patients within 6-12 months after afebrile seizure onset:

\_\_\_\_\_

Percentage of patients within after 12 months of afebrile seizure onset:

\_\_\_\_\_

If you see patients develop a stormy course, how soon after initial seizure onset does this typically occur (give range in months):

\_\_\_\_\_

How long does this stormy course typically last (give range in months):

\_\_\_\_\_

Do you believe developmental regression is also part of the stormy course?

- Yes  
 No

Do you see a gender difference in the occurrence of EMAS?

- Yes  
 No

What proportion of your patients with EMAS are boys?

- < 25%  
 25-50%  
 50-75%  
 >75%

What proportion of your patients with EMAS have a prior history of febrile seizures?

- < 25%  
 25-50%  
 50-75%  
 >75%

What proportion of your patients with EMAS have a family history of epilepsy ( not febrile seizures) in first degree relatives?

- < 25%  
 25-50%  
 50-75%  
 >75%

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What proportion of patients have history of epilepsy in extended family (grandparents, aunts, uncles, cousins etc.)?

- < 25%  
 25-50%  
 50-75%  
 >75%  
 Have not asked this routinely

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What other features do you typically observe, and when do you see these? You can choose more than one and each choice will have additional clarifying questions

- Developmental plateauing  
 Developmental regression  
 Hyperactive behavior  
 Ataxia  
 Other

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% of children with EMAS who develop developmental plateauing:

- < 25%  
 25-50%  
 50-75%  
 >75%

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Developmental plateauing seen even in those without a stormy course?

- Yes  
 No

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Developmental plateauing seen mostly in those with a stormy course, or much worse during the stormy course:

- Yes  
 No

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% of children with EMAS who develop developmental regression:

- < 25%  
 25-50%  
 50-75%  
 >75%

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Developmental regression seen even in those without a stormy course?

- Yes  
 No

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Developmental regression seen mostly in those with a stormy course, or much worse during the stormy course:

- Yes  
 No

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% of children with EMAS who develop hyperactive behavior:

- < 25%  
 25-50%  
 50-75%  
 >75%

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Hyperactive behavior seen even in those without a stormy course?

- Yes  
 No

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Hyperactive behavior seen mostly in those with a stormy course, or much worse during the stormy course:

- Yes  
 No

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% of children with EMAS who develop ataxia:

- < 25%  
 25-50%  
 50-75%  
 >75%

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Ataxia seen even in those without a stormy course?

- Yes  
 No

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Ataxia seen mostly in those with a stormy course, or much worse during the stormy course:

- Yes  
 No

Please specify "other":

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% of children with EMAS who develop "other":

< 25%

25-50%

50-75%

>75%

"Other" seen even in those without a stormy course?

Yes

No

"Other" seen mostly in those with a stormy course, or much worse during the stormy course:

Yes

No

What proportion of your patients with EMAS experience remission of seizures ( does not matter if they are still on meds)?

< 25%

25-50%

50-75%

>75%

In those with seizure control, how soon after onset does that typically occur? (Given range in months)

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### In those who experience seizure control, what percentage fall into the following developmental categories

	< 25%	25-50%	50-75%	>75%
Normal development	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Mild learning disability but normal IQ	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Mild ID	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Moderate ID	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Severe to profound ID	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

In those who experience remission of seizures, what percentage are left with symptoms of ADHD?

< 25%

25-50%

50-75%

>75%

### In those who DO NOT experience remission of seizures, what percentage fall into the following developmental categories?

	< 25%	25-50%	50-75%	>75%
Normal development	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Mild learning disability but normal IQ	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Mild ID	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Moderate ID	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Severe to profound ID	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

# Prognostic Factors

Please complete the survey below.

Thank you!

## How predictive are the following features on adverse long term outcome (ongoing seizures and more severe cognitive delays).

	Not at all predictive	Mildly predictive of poor outcome	Moderately predictive of poor outcome	Highly predictive of poor outcome
Tonic seizures of any type	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Vibratory tonic seizures	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Greater numbers of NCSE episodes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Longer duration of NCSE episodes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Interictal EEG outside of stormy period showing very frequent or near continuous irregular generalized spike-wave	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Interictal EEG outside of stormy period showing slow spike wave activity	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Interictal EEG outside of stormy period showing paroxysmal fast activity	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
High frequency of drops/myoclonus at presentation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
GTCS in first two years after seizure onset	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Family history of epilepsy	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Focal spikes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Earlier age at onset (i.e < 2 years)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Later age at onset ( i.e > 6 years)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Are there other predictive features not mentioned in the above list?

- Yes  
 No

If "yes" please specify : you can type in response here

\_\_\_\_\_

If "yes" to other how predictive is that feature? We are trying to gauge how important you feel this other factor is in predicting outcome.

- Not at all predictive  
 Mildly predictive of poor outcome  
 Moderately predictive of poor outcome  
 Highly predictive of poor outcome

Do you ever reclassify the diagnosis of EMAS to ANY alternative ( epilepsy syndrome) diagnosis?

- Yes  
 No

How often do you reclassify?

- Usually  
 Sometimes  
 Frequently

**Which of the following factors make you consider reclassification of your diagnosis of EMAS to ANY alternative diagnosis?**

	High impact	Low impact	No impact on reclassification
Tonic seizures of any type	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Vibratory tonic seizures	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Greater numbers of NCSE episodes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Longer duration of NCSE episodes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
EEG showing very frequent or near continuous irregular generalized spike wave	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
EEG showing slow spike wave activity	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
EEG showing paroxysmal fast activity	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
High frequency of drops/myoclonus at presentation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
GTCS in first two years after seizure onset	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Family history of epilepsy	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Focal spikes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Earlier age at onset (i.e < 2 years)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Later age at onset (i.e >6 years)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Persistence of seizures >1 year after seizure onset	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Persistence of seizures > 2 years after seizure onset	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Persistence of seizures > 3 years after seizure onset	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Persistence of seizures > 4 years after seizure onset	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Persistence of seizures > 5 years after seizure onset	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lack of response to ketogenic diet	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

If "Tonic seizures of any type" is a factor for reclassification is this factor sufficient in isolation or other factor is needed (elaborate if other factors are needed):

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If "vibratory tonic seizures" is a factor for reclassification is this factor sufficient in isolation or other factor is needed (elaborate if other factors are needed):

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If "greater numbers of NCSE episodes" is a factor for reclassification is this factor sufficient in isolation or other factor is needed (elaborate if other factors are needed):

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If "longer duration of NCSE episodes" is a factor for reclassification is this factor sufficient in isolation or other factor is needed (elaborate if other factors are needed):

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If "EEG showing very frequent or near continuous irregular generalized spike-wave" is a factor for reclassification is this factor sufficient in isolation or other factor is needed (elaborate if other factors are needed):

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If "EEG showing slow spike wave activity" is a factor for reclassification is this factor sufficient in isolation or other factor is needed (elaborate if other factors are needed):

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If "EEG showing paroxysmal fast activity" is a factor for reclassification is this factor sufficient in isolation or other factor is needed (elaborate if other factors are needed):

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If "High frequency of drops/myoclonus at presentation" is a factor for reclassification is this factor sufficient in isolation or other factor is needed (elaborate if other factors are needed):

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If "GTCS in first two years after seizure onset" is a factor for reclassification is this factor sufficient in isolation or other factor is needed (elaborate if other factors are needed):

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If "family history of epilepsy" is a factor for reclassification is this factor sufficient in isolation or other factor is needed (elaborate if other factors are needed):

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If "focal spikes" is a factor for reclassification is this factor sufficient in isolation or other factor is needed (elaborate if other factors are needed):

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If "Earlier age at onset (i.e < 2 years)" is a factor for reclassification is this factor sufficient in isolation or other factor is needed (elaborate if other factors are needed):

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If "Later age at onset (i.e >6 years)" is a factor for reclassification is this factor sufficient in isolation or other factor is needed (elaborate if other factors are needed):

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If "Persistence of seizures > 1 year after seizure onset" is a factor for reclassification is this factor sufficient in isolation or other factor is needed (elaborate if other factors are needed):

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If "Persistence of seizures > 2 years after seizure onset" is a factor for reclassification is this factor sufficient in isolation or other factor is needed (elaborate if other factors are needed):

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If "Persistence of seizures > 3 years after seizure onset" is a factor for reclassification is this factor sufficient in isolation or other factor is needed (elaborate if other factors are needed):

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If "Persistence of seizures > 4 years after seizure onset" is a factor for reclassification is this factor sufficient in isolation or other factor is needed (elaborate if other factors are needed):

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If "Persistence of seizures > 5 years after seizure onset" is a factor for reclassification is this factor sufficient in isolation or other factor is needed (elaborate if other factors are needed):

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If "Lack of response to ketogenic diet" is a factor for reclassification is this factor sufficient in isolation or other factor is needed (elaborate if other factors are needed):

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# Investigations

Please complete the survey below.

Thank you!

## What tests do you perform to establish a diagnosis of EMAS? Note that these tests are not meant to establish etiology of EMAS.

	Always	Usually	Sometimes	Rarely	Never
EEG	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Epilepsy panel	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Whole exome sequencing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
CMA/karyotype	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
PET scan	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
MRI	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Neuropsychological testing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
CSF testing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Metabolic testing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Are there "other" tests performed to establish a diagnosis of EMAS?

- Yes  
 No

If "yes" please specify:

\_\_\_\_\_

If "yes" to other tests performed how often are they performed to establish a diagnosis of EMAS?

- Always  
 Usually  
 Sometimes  
 Rarely  
 Never

If glucose transporter deficiency is established would you still consider the diagnosis to be EMAS?

- Yes  
 No

## What tests do you perform to establish an etiology in EMAS?

	Always	Usually	Sometimes	Rarely	Never
EEG	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Epilepsy panel	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Whole exome sequencing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
CMA/karyotype	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
PET scan	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
MRI	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Neuropsychological testing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
CSF testing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Metabolic testing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Other

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**What tests do you use for ongoing care of patients diagnosed with EMAS?**

	Always	Usually	Sometimes	Rarely	Never
EEG	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Epilepsy panel	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Whole exome sequencing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
CMA/ Karyotype	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
PET scan	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
MRI	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Neuropsychological testing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
CSF testing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Metabolic testing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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Do you refer children for a neuropsychological evaluation?

- Yes  
 No

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If "yes" please chose an option

- < 25%  
 25-50%  
 50-75%  
 >75%  
 Only if not doing well

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If "No" what factors lead to a referral?

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# Treatment

Please complete the survey below.

Thank you!

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What therapy should be avoided in treatment of EMAS?

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Please list the top two choices of therapy for EMAS

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Therapy 1:

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Therapy 2:

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If the first Therapy has failed list the next 2 choices for therapy

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Next therapy 1:

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Next therapy 2:

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## If your first and second line of therapy have failed what would you choose next to treat EMAS?

	Most likely to prescribe	Second best option	Third best option	Will not prescribe
Valproic acid	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Levetiracetam	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Clobazam	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Topiramate	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Zonisamide	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lamotrigine	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Epidiolex	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Artisanal cannabinoids	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ethosuximide	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Chlorazepate	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Clonazepam	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Sulthiame	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Phenobarbital	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Carbamazepine	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Oxcarbazepine	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Phenytoin	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Vigabatrin	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Felbamate	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Perampanel	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ketogenic diet	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Vagus nerve stimulator	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Corpus callosotomy	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Responsive neurostimulation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Some other surgical option	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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Do you ever consider corpus callosotomy in treatment of EMAS?  Yes  No

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If "yes" describe clinical scenario (be specific-after how many therapies have failed AND/OR for what seizure types) \_\_\_\_\_

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Do you ever consider VNS in treatment of EMAS?  Yes  No

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If "yes" describe clinical scenario (be specific-after how many therapies have failed AND/OR for what seizure types): \_\_\_\_\_

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What treatments do you find MOST useful for the stormy phase in EMAS? \_\_\_\_\_

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What treatments do you find MOST useful for non-convulsive status epilepticus in EMAS? \_\_\_\_\_