

# Doose Delphi Round 2

Please complete the survey below.

Thank you!

**The following statements are made on basis of results of round 1. We would like to test strength of consensus now. Pls answer all questions. Follow up questions will come up depending on your answers- please write in answers for all subsequent questions.**

## Clinical presentation (Age at presentation and prior history)

	Strongly agree	Agree	Neutral	Disagree	Strongly disagree
In the majority of patients with EMAS a diagnosis of EMAS is strongly suspected by 6-12 months AFTER the first afebrile seizure	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
EMAS is highly unlikely when the age at first afebrile seizure is < 12 months.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Diagnosis of EMAS is highly unlikely when the age at first afebrile seizure is >6 years.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
A minority of patients with EMAS (up to 30%) could have suspected delay prior to seizure onset.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
A minority of patients with EMAS ( 20-30%) could have mild developmental delay prior to the first seizure.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Moderate to severe developmental delay preceding the first seizure is highly unlikely in patients with EMAs and suggests alternative diagnoses.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Less than 50% patient s with EMAS have a personal history of prior febrile seizures .	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
A family history of febrile seizures is noted is < 25% cases of EMAS.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
A family history of epilepsy is noted in < 50% cases with EMAS.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Reason: In the majority of patients with EMAS a diagnosis of EMAS is strongly suspected by 6-12 months AFTER the first afebrile seizure

Reason: EMAS is highly unlikely when the age at first afebrile seizure is < 12 months.

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Reason: Diagnosis of EMAS is highly unlikely when the age at first afebrile seizure is >6 years.

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Reason: A minority of patients with EMAS (up to 30%) could have suspected delay prior to seizure onset.

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Reason: A minority of patients with EMAS (20-30%) could have mild developmental delay prior to the first seizure.

\_\_\_\_\_

Reason: Moderate to severe developmental delay preceding the first seizure is highly unlikely in patients with EMAs and suggests alternative diagnoses.

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Reason: Less than 50% patients with EMAS have a personal history of prior febrile seizures.

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Reason: A family history of febrile seizures is noted in < 25% cases of EMAS.

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Reason: A family history of epilepsy is noted in < 50% cases with EMAS.

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### Clinical presentation (seizure types and when seen)

**We would like to test strength of consensus now based on your previous answers regarding seizure types and when they are seen. Pls answer all questions. Follow up questions will come up depending on your answers- please write in answers for all subsequent questions.**

	Strongly agree	Agree	Neutral	Disagree	Strongly disagree
Myoclonic seizures are NOT mandatory for a diagnosis of EMAS	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Myoclonic seizures are seen in a majority of cases with EMAS	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Myoclonic seizures most commonly present within the first year after the first afebrile seizure	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Atypical absence seizures are NOT mandatory for a diagnosis of EMAS	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Atypical absence seizures are seen in 10-25 % cases with EMAS	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Of patients with EMAS who have atypical absences, these are seen in a minority of patients within the first year after the first afebrile seizure.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Generalized tonic clonic seizures are NOT mandatory for a diagnosis of EMAS	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Generalized tonic clonic seizures are seen in less than half of cases with EMAS	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
When present, generalized tonic clonic seizures most commonly begin within the first year after the first afebrile seizure	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Atonic seizures are NOT mandatory for a diagnosis of EMAS	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Atonic seizures are seen in upto 50% of cases with EMAS	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
When present, atonic seizures most commonly begin within the first year	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
NCSE is seen in a minority of patients with EMAS (less than 50%)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
NCSE, when present, usually starts within 12 months after first afebrile seizure.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tonic seizures are seen in a minority of patients with EMAS	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tonic seizures are seen in < 25% cases within first year .	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tonic seizures do not exclude diagnosis of EMAS	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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Reason: Myoclonic seizures are NOT mandatory for a diagnosis of EMAS

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Reason: Myoclonic seizures are seen in a majority of cases with EMAS

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Reason: Myoclonic seizures most commonly present within the first year after the first afebrile seizure

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Reason: Atypical absence seizures are NOT mandatory for a diagnosis of EMAS

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Reason: Atypical absence seizures are seen in 10-25 % cases with EMAS

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Reason: Of patients with EMAS who have atypical absences, these are seen in a minority of patients within the first year after the first afebrile seizure.

\_\_\_\_\_

Reason: Generalized tonic clonic seizures are NOT mandatory for a diagnosis of EMAS

\_\_\_\_\_

Reason: Generalized tonic clonic seizures are seen in less than half of cases with EMAS

\_\_\_\_\_

Reason: When present, generalized tonic clonic seizures most commonly begin within the first year after the first afebrile seizure

\_\_\_\_\_

Reason: Atonic seizures are NOT mandatory for a diagnosis of EMAS

\_\_\_\_\_

Reason: Atonic seizures are seen in upto 50% of cases with EMAS

\_\_\_\_\_

Reason: When present, atonic seizures most commonly begin within the first year

\_\_\_\_\_

Reason: NCSE is seen in a minority of patients with EMAS (less than 50%)

\_\_\_\_\_

Reason: NCSE, when present, usually starts within 12 months after first afebrile seizure.

\_\_\_\_\_

Reason: Tonic seizures are seen in a minority of patients with EMAS

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Reason: Tonic seizures are seen in < 25% cases within first year .

\_\_\_\_\_

Reason: Tonic seizures do not exclude diagnosis of EMAS

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**Questions related to the STORMY COURSE. In round 1 we found some variability in the experts' opinion about what this is and we'd like to get some further details**

Stormy course can be seen in up to 50% patients with EMAS

- Strongly agree  
 Agree  
 Neutral  
 Disagree  
 Strongly disagree

Reason: Stormy course can be seen in up to 50% patients with EMAS

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**In patients who HAVE a stormy course:**

	Yes	No
it usually begins within the first year after first afebrile seizure	<input type="radio"/>	<input type="radio"/>
a. It may begin in a minority of patients within 3 months of first afebrile seizure	<input type="radio"/>	<input type="radio"/>

**In patients who HAVE a stormy course:**

	Strongly agree	Agree	Neutral	Disagree	Strongly disagree
Stormy course typically lasts less than 12 months	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Stormy course lasting > 18 months should suggest a diagnosis other than EMAS	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Reason: Reason: Stormy course typically lasts less than 12 months

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Reason: Reason: Stormy course lasting > 18 months should suggest a diagnosis other than EMAS

\_\_\_\_\_

**Questions related to course of EMAS- these questions have to do with patients you have already diagnosed with EMAS**

	Strongly agree	Agree	Neutral	Disagree	Strongly disagree
Upto 50% patients with EMAS can have developmental plateauing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Developmental plateauing may be seen in patients with EMAS even without stormy course	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Up to half the children with EMAS may develop regression during the course of EMAS	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Hyperactivity and behavioral problems can be seen in at least 25% patients with EMAS	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Hyperactivity and behavioral problems may be seen in patients with EMAS even without stormy course (strongly agree, agree, neutral, disagree, strongly disagree)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

- Ataxia will be seen in upto 50% patients with EMAS
- Ataxia may be seen in patients with EMAS even without stormy course

Reason: Upto 50% patients with EMAS can have developmental plateauing \_\_\_\_\_

Reason: Developmental plateauing may be seen in patients with EMAS even without stormy course \_\_\_\_\_

Reason: Up to half the children with EMAS may develop regression during the course of EMAS \_\_\_\_\_

Reason: Hyperactivity and behavioral problems can be seen in at least 25% patients with EMAS \_\_\_\_\_

Reason: Hyperactivity and behavioral problems may be seen in patients with EMAS even without stormy course (strongly agree, agree, neutral, disagree, strongly disagree) \_\_\_\_\_

Reason: Ataxia will be seen in upto 50% patients with EMAS \_\_\_\_\_

Reason: Ataxia may be seen in patients with EMAS even without stormy course \_\_\_\_\_

### Questions about remission (define remission as no seizures off meds)

- |  | Strongly agree        | Agree                 | Neutral               | Disagree              | Strongly disagree     |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Complete remission (ability to achieve seizure freedom off meds) occurs in at least 50% patients with EMAS               | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| In cases who remit- the majority will do so within 24 months after the first afebrile seizure                            | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Patients who continue to have seizures 5 years after the first afebrile seizure are highly unlikely to achieve remission | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| In children who experience complete remission, more than half will be developmentally normal at follow up                | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

In children who experience complete remission, at least 25% will have a learning disorder without intellectual disability

In children who experience complete remission, < 25% will be left with moderate to severe intellectual disability

In children who DO NOT experience complete remission, the majority will have mild to moderate ID

It is rare to see severe ID even in children who DO NOT experience complete remission

Reason: Complete remission (ability to achieve seizure freedom off meds) occurs in at least 50% patients with EMAS \_\_\_\_\_

Reason: In cases who remit- the majority will do so within 24 months after the first afebrile seizure \_\_\_\_\_

Reason: Patients who continue to have seizures 5 years after the first afebrile seizure are highly unlikely to achieve remission \_\_\_\_\_

Reason: In children who experience complete remission, more than half will be developmentally normal at follow up \_\_\_\_\_

Reason: In children who experience complete remission, at least 25% will have a learning disorder without intellectual disability \_\_\_\_\_

Reason: In children who experience complete remission, < 25% will be left with moderate to severe intellectual disability \_\_\_\_\_

Reason: In children who DO NOT experience complete remission, the majority will have mild to moderate ID \_\_\_\_\_

Reason: It is rare to see severe ID even in children who DO NOT experience complete remission \_\_\_\_\_

**Questions about prognostic factors and their influence (how predictive are these) on eventual outcome**

	Strongly agree	Agree	Neutral	Disagree	Strongly disagree
Tonic seizures are at least moderately predictive of poor seizure outcome	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Vibratory Tonic seizures are at least moderately predictive of poor seizure outcome	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Number of NCSE episodes are at least mildly- moderately predictive of poor seizure outcome	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Duration of NCSE is moderately to highly predictive of poor seizure outcome	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Interictal EEG showing slow spike wave outside of stormy phase is mildly predictive of poor seizure outcome	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Interictal EEG showing PFA is mildly predictive of poor seizure outcome	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Focal spikes on EEG are mildly predictive of poor seizure outcome	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
High frequency of drops/ myoclonus is mildly predictive of poor seizure outcome	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Generalized tonic clonic seizures in the first two years is mildly predictive of poor seizure outcome	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Family history of epilepsy is mildly predictive of poor seizure outcome	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Earlier age at seizure onset is mildly predictive of poor seizure outcome	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Later age at onset is mildly predictive of poor seizure outcome	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Reason: Tonic seizures are at least moderately predictive of poor seizure outcome



Reason: Vibratory Tonic seizures are at least moderately predictive of poor seizure outcome

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Reason: Number of NCSE episodes are at least mildly-moderately predictive of poor seizure outcome

\_\_\_\_\_

Reason: Duration of NCSE is moderately to highly predictive of poor seizure outcome

\_\_\_\_\_

Reason: Interictal EEG showing slow spike wave outside of stormy phase is mildly predictive of poor seizure outcome

\_\_\_\_\_

Reason: Interictal EEG showing PFA is mildly predictive of poor seizure outcome

\_\_\_\_\_

Reason: Focal spikes on EEG are mildly predictive of poor seizure outcome

\_\_\_\_\_

Reason: High frequency of drops/ myoclonus is mildly predictive of poor seizure outcome

\_\_\_\_\_

Reason: Generalized tonic clonic seizures in the first two years is mildly predictive of poor seizure outcome

\_\_\_\_\_

Reason: Family history of epilepsy is mildly predictive of poor seizure outcome

\_\_\_\_\_

Reason: Earlier age at seizure onset is mildly predictive of poor seizure outcome

\_\_\_\_\_

### Questions that address diagnostic switching: factors that would lead to reconsidering the diagnosis of EMAS

Please indicate how impactful each of these factors is, in leading you to reconsider the diagnosis of EMAS

High Impact - this factor alone, regardless of the rest of the clinical picture, would cause me to reconsider the diagnosis

Moderate impact - this factor may contribute to me reconsidering the diagnosis, but only if other atypical features were also present

Low Impact - this factor would have no impact on me reconsidering the diagnosis

Tonic seizures

Vibratory tonic seizures

Greater number of NCSE

Longer duration of NCSE

EEG showing frequent or near continuous irregular generalized spike wave activity

EEG showing slow spike wave activity	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
EEG showing generalized paroxysmal fast activity:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
EEG showing generalized paroxysmal fast activity	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
EEG showing focal spikes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Younger age (< 2 years) at seizure onset	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Older age (>6 years) at seizure onset	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Persistence of epilepsy beyond:48 months	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lack of response to ketogenic diet	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**For ongoing care of patients with EMAS in clinic- what tests do you perform? When and Why? Following statements are designed based on consensus from round 1**

	Strongly agree	Agree	Neutral	Disagree	Strongly disagree
You would order an EEG every 1 month	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
You would order an EEG every 3 months	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
You would order an EEG every 6 months	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
You would order an EEG every 12 months	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
You would order an EEG only if clinical concerns	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Reason: You would order an EEG every 1 month \_\_\_\_\_

Reason: You would order an EEG every 3 months \_\_\_\_\_

Reason: You would order an EEG every 6 months \_\_\_\_\_

Reason: You would order an EEG every 12 months \_\_\_\_\_

Reason: You would order an EEG only if clinical concerns \_\_\_\_\_

An EEG should be done to confirm remission if a child achieves seizure freedom?  Yes  No

If yes, how long after seizure freedom is achieved should an EEG be done (months)? \_\_\_\_\_

When should an overnight - prolonged video-EEG be done ? Please explain in terms of time after diagnosis and during course of treatment

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The reason to order a video EEG is: What are you looking for on this EEG?

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In what proportion of your EMAS patients do you order neuropsychological testing?

- always  
 usually (>75-99%)  
 sometimes (25-74%)  
 rarely (1-24%)  
 never

I would order neuropsych testing if delay is suspected.

- Yes  
 No

How often should neuropsychological testing be performed?

- every 3 months  
 every 6 months  
 yearly

**Questions related to treatment of EMAS: Following statements are based on consensus from round 1- we are now testing strength of that consensus.**

**Please answer all additional questions that pop up at the end based on your choices in for following questions.**

	Strongly agree	Agree	Neutral	Disagree	Strongly disagree
All sodium channel blockers should be avoided in treatment of EMAS	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
VPA would be your first choice to treat EMAS	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
LEV can be considered a first tier antiseizure medicine to treat EMAS	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Benzos can be considered a first tier ASM to treat EMAS	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
KD should be considered as second tier to treat EMAS	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
ETX is considered can be considered as second tier for EMAS	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
You would choose to use ETX only if frequent atypical absence or myoclonic seizures are noted	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

You would choose to use ETX in EMAS irrespective of prominent seizure type

Reason: All sodium channel blockers should be avoided in treatment of EMAS \_\_\_\_\_

Reason: VPA would be your first choice to treat EMAS \_\_\_\_\_

Reason: LEV can be considered a first tier antiseizure medicine to treat EMAS \_\_\_\_\_

Reason: Benzos can be considered a first tier ASM to treat EMAS \_\_\_\_\_

Reason: KD should be considered as second tier to treat EMAS \_\_\_\_\_

Reason: ETX is considered can be considered as second tier for EMAS \_\_\_\_\_

Reason: You would choose to use ETX only if frequent atypical absence or myoclonic seizures are noted \_\_\_\_\_

Reason: You would choose to use ETX in EMAS irrespective of prominent seizure type \_\_\_\_\_

**Following are once again based on consensus from round 1**  
**In patients with EMAS during the stormy course when would you use each of the following treatments**

	FIRST line	SECOND line	THIRD line or later	Would NOT use
Ketogenic diet	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
VPA bolus or increased VPA dose	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Benzodiazepines	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Steroids ( ACTH/ Prednisone etc)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**The next few questions related to VNS: Please DO NOT consider cost/ availability restrictions**  
**Please answer all related questions as they pop up at the end based on your responses**

	Strongly agree	Agree	Neutral	Disagree	Strongly disagree
VNS can be considered but only after failure of 3 ASMs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
VNS can be considered but only after failure of 4 ASMs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

VNS can be considered but only after failure of >5ASMs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The KD should be trialed prior to considering VNS	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
VNS should be considered as soon as intractability is present, regardless of epilepsy duration	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
VNS should only be considered if intractability has persisted longer than 1 year	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
VNS should only be considered if intractability longer than 2 years	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
VNS should only be considered if intractability has persisted longer than 3 years	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I do not believe VNS is indicated for EMAS	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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Reason: VNS can be considered but only after failure of 3 ASMs

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Reason: VNS can be considered but only after failure of 4 ASMs

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Reason: VNS can be considered but only after failure of >5ASMs

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Reason: The KD should be trialed prior to considering VNS

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Reason: VNS should be considered as soon as intractability is present, regardless of epilepsy duration

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Reason: VNS should only be considered if intractability has persisted longer than 1 year

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Reason: VNS should only be considered if intractability longer than 2 years

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Reason: VNS should only be considered if intractability has persisted longer than 3 years

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Reason: I do not believe VNS is indicated for EMAS

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**The next few questions related to Corpus callosotomy (CC) : Please DO NOT consider cost/availability restrictions. Please answer all related questions as they pop up at the end based on your responses.**

	Strongly agree	Agree	Neutral	Disagree	Strongly disagree
CC can be considered in an EMAS patient with drop seizures but only after failure of 3 ASMs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
CC can be considered in an EMAS patient with drop seizures but only after failure of 4 ASMs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
CC can be considered in an EMAS patient with drop seizures but only after failure of >5ASMs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The KD should be trialed prior to considering CC	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Reason: CC can be considered in an EMAS patient with drop seizures but only after failure of 3 ASMs

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Reason: CC can be considered in an EMAS patient with drop seizures but only after failure of 4 ASMs

\_\_\_\_\_

Reason: CC can be considered in an EMAS patient with drop seizures but only after failure of >5ASMs

\_\_\_\_\_

Reason: The KD should be trialed prior to considering CC

\_\_\_\_\_

I would only offer CC irrespective of if drop seizures were problematic AND: Choose ONE BEST answer

- CC can be considered but only after failure of 3 ASMs
- CC can be considered but only after failure of 4 ASMs
- CC can be considered but only after failure of >5ASMs
- The KD should be trialed prior to considering CC

For DURATION of intractability: Choose ONE BEST answer

- CC should be considered as soon as intractability is present, regardless of epilepsy duration
- CC should only be considered if intractability has persisted longer than 1 year
- CC should only be considered if intractability longer than 2 years
- CC should only be considered if intractability has persisted longer than 3 years
- I would offer CC ONLY after VNS is tried first
- I do not believe that CC is indicated for EMAS