

# **Epilepsy in Rett syndrome** – from a lifetime perspective

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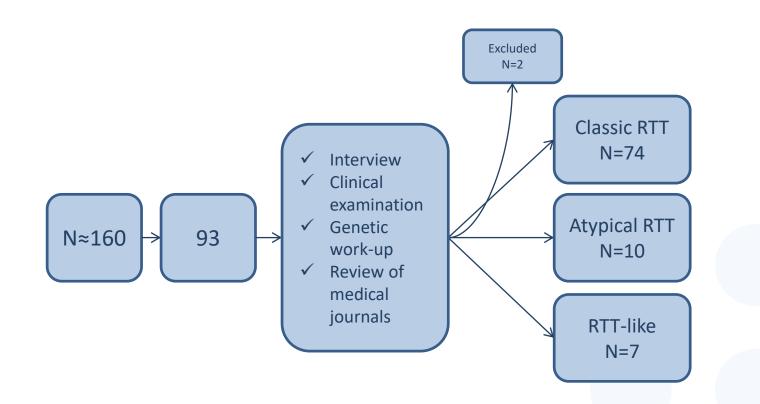
# A national survey on females with Rett syndrome in Norway

Main aims:

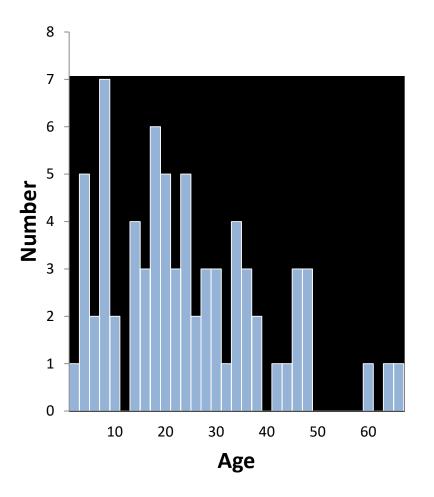
- Describe the phenotypic variation in the Norwegian Rett Syndrome population, and the development of clinical features in different phases of life.
- Examine which treatment and habilitation strategies offered to this group



### **Methods**

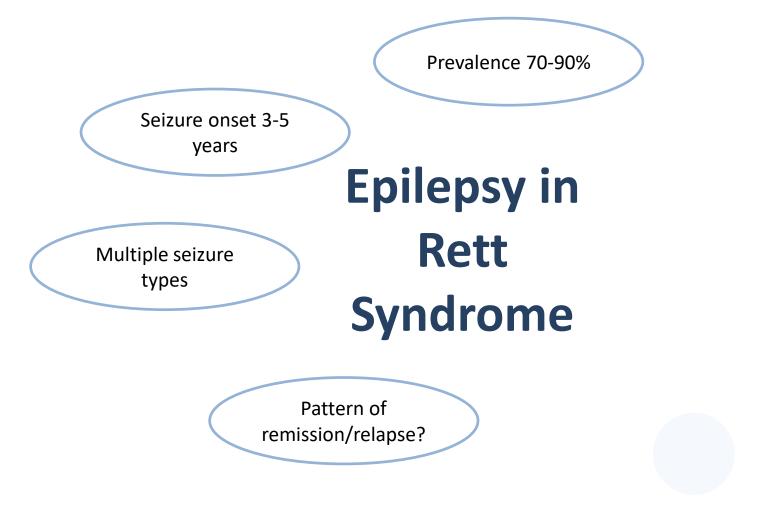




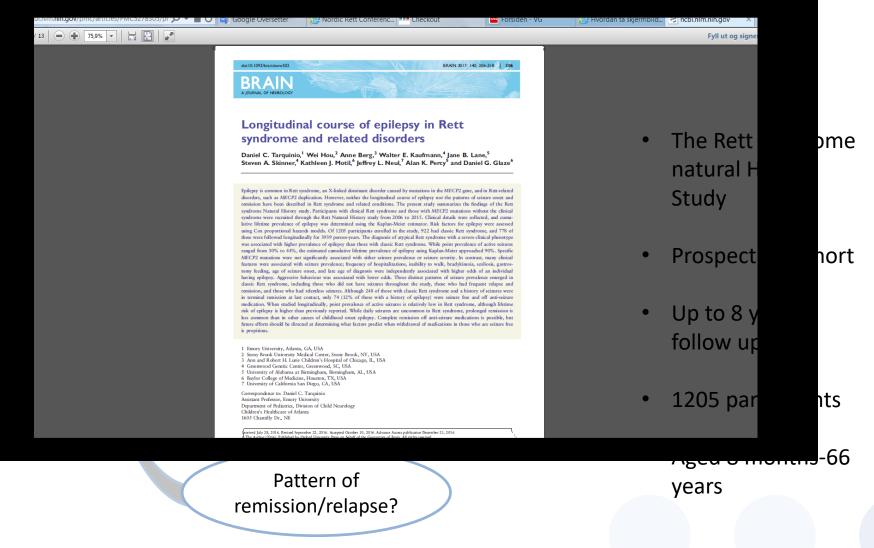




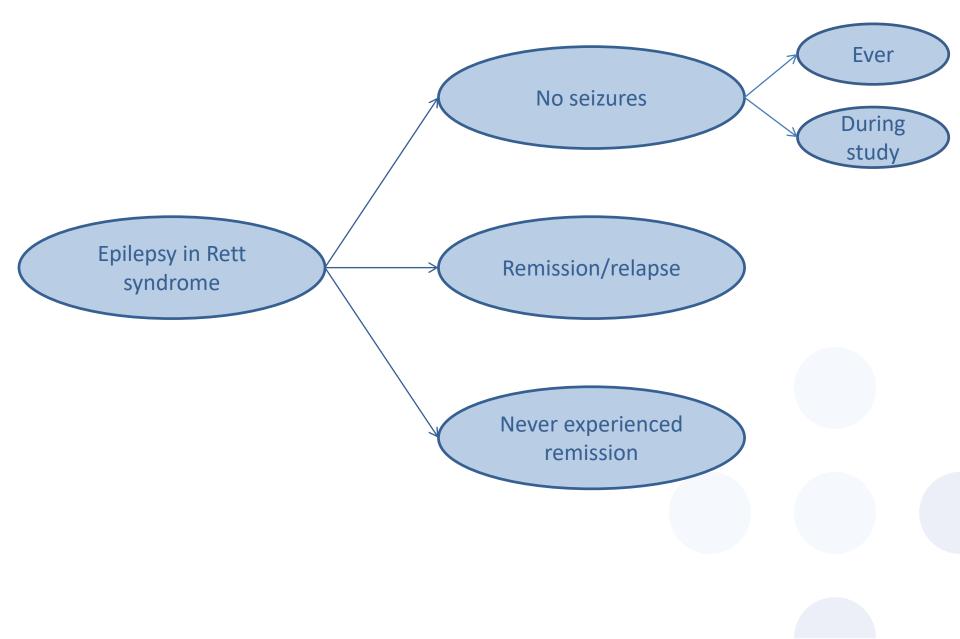


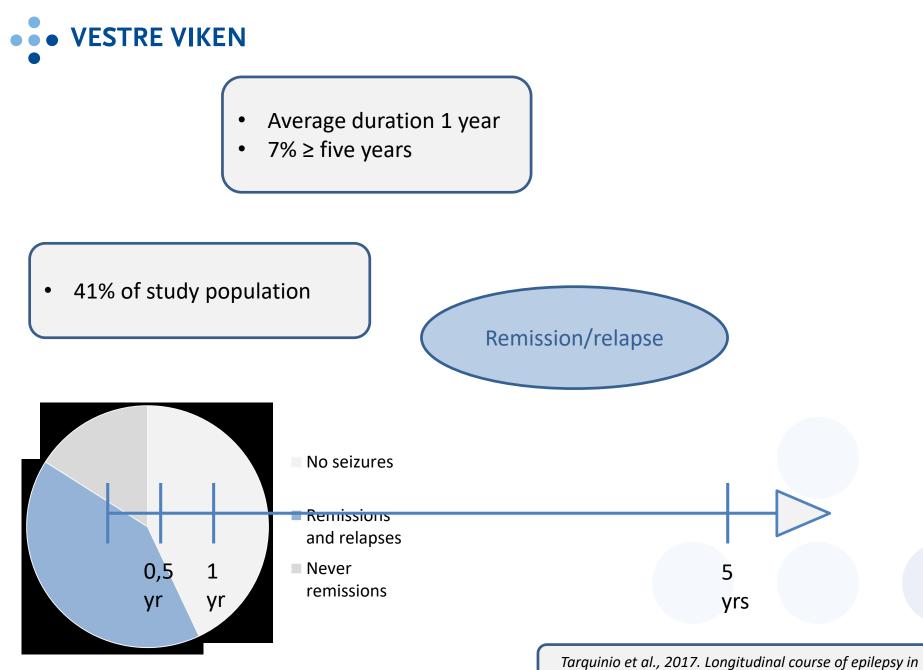


#### VESTRE VIKEN









Rett syndrome and related disorders, Brain 140, 306-318

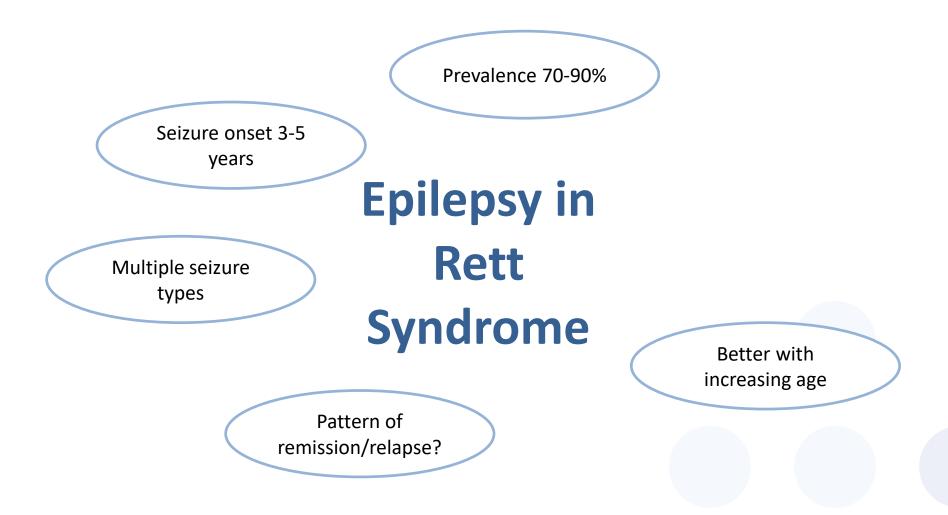


#### Tarquinio et al.

# No seizures Remissions and relapses Never remissions

Henriksen et al.







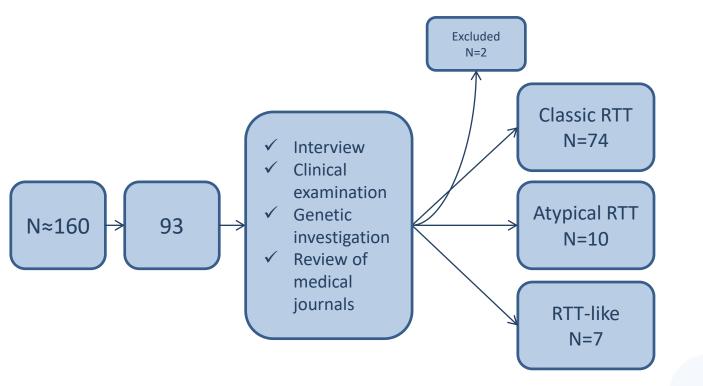
#### Aim:

To describe the course and characteristics

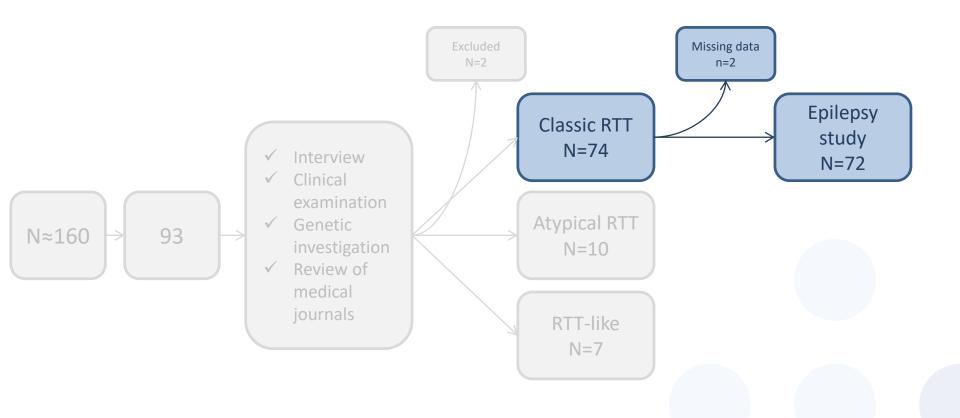
of epilepsy in adults with Rett syndrome

Better with increasing age?



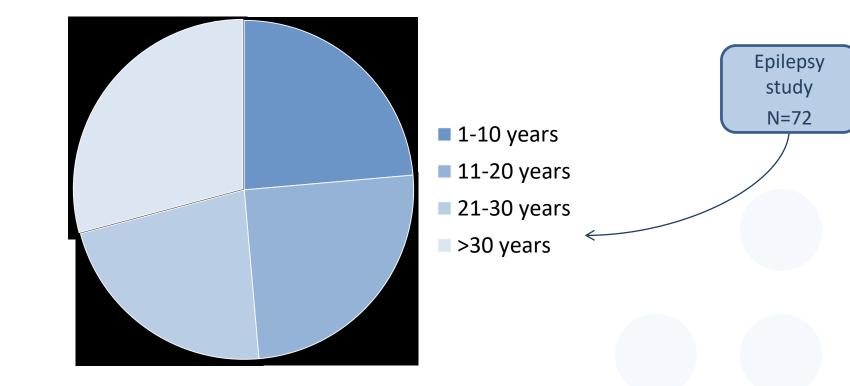






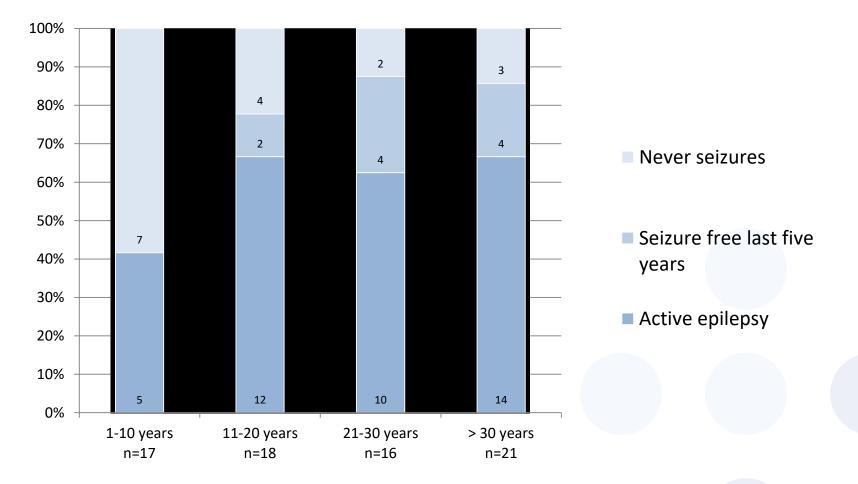


Age



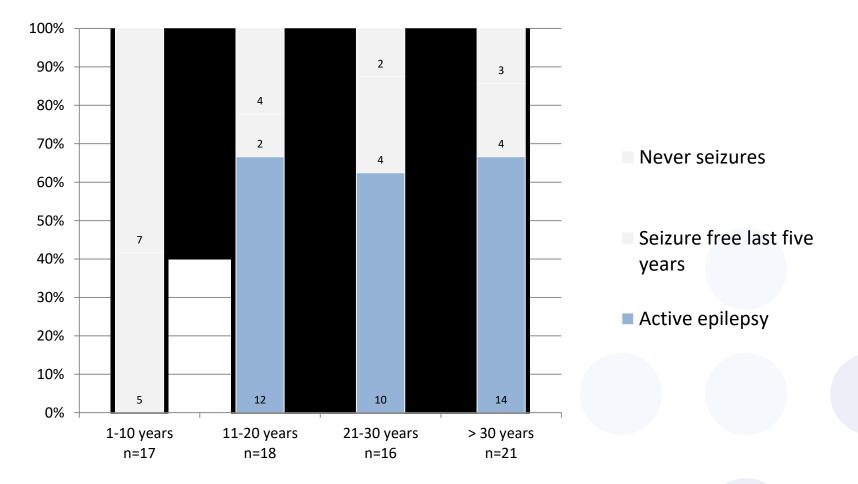


### **Results** Prevalence of active epilepsy



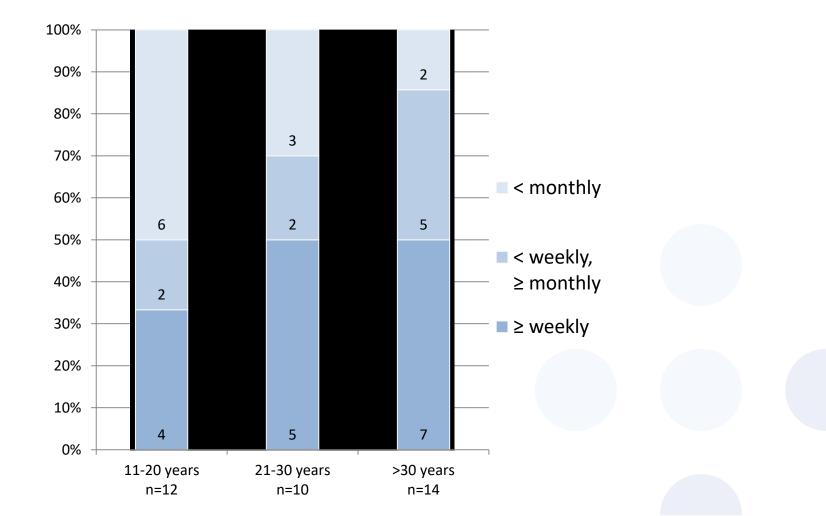


### **Results** Prevalence of active epilepsy





#### **Results** Frequency of seizures



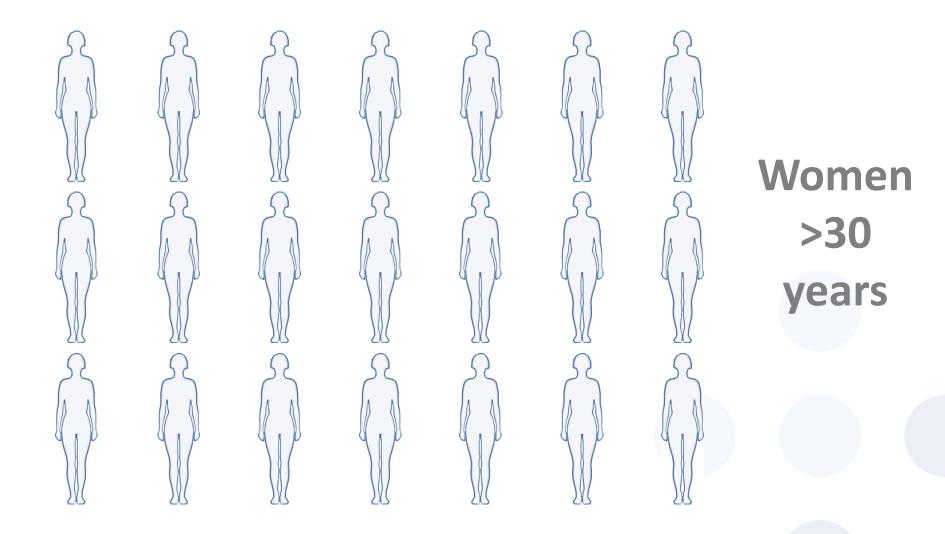


#### **Results** Seizure types

	Ν	Bilateral tonic-clonic seizures N(%)
11-20 years	12	7 (58)
21-30 years	10	7 (70)
> 30 years	14	9 (64)

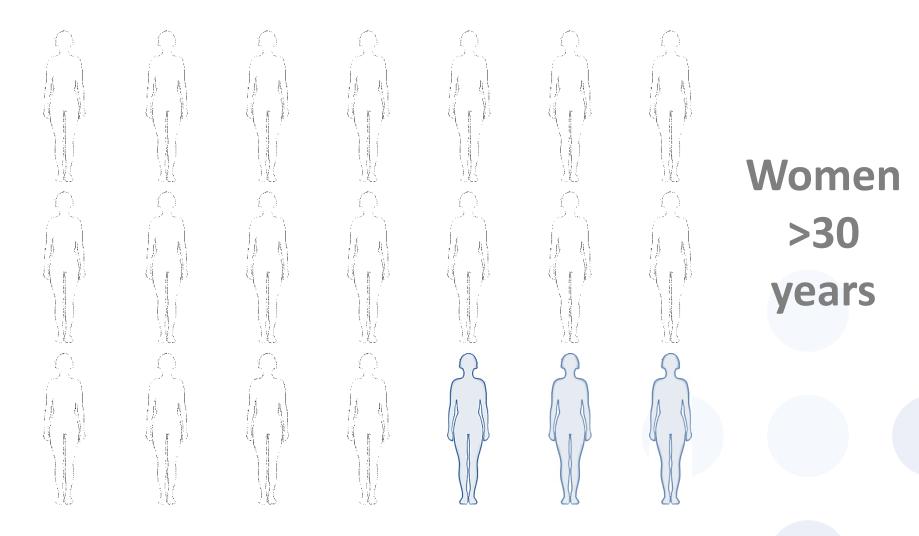






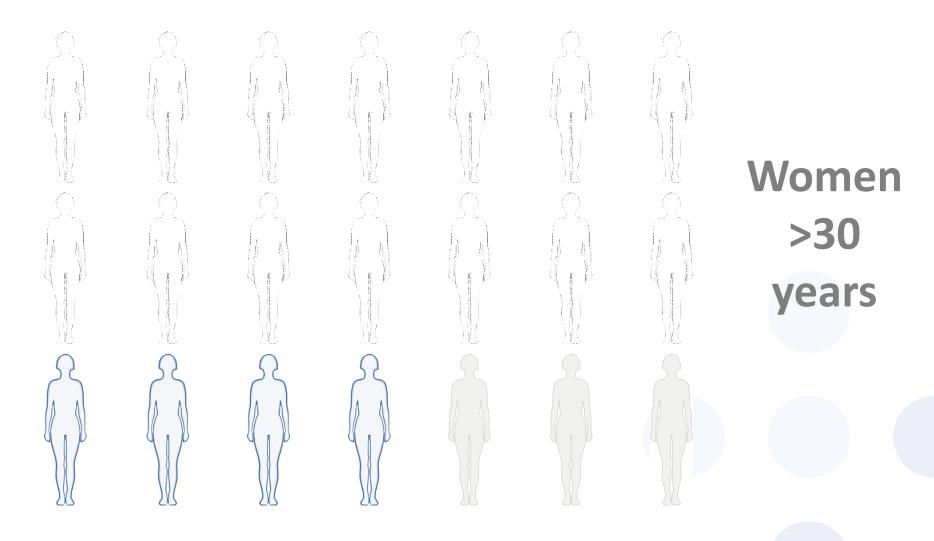


### **Never seizures**

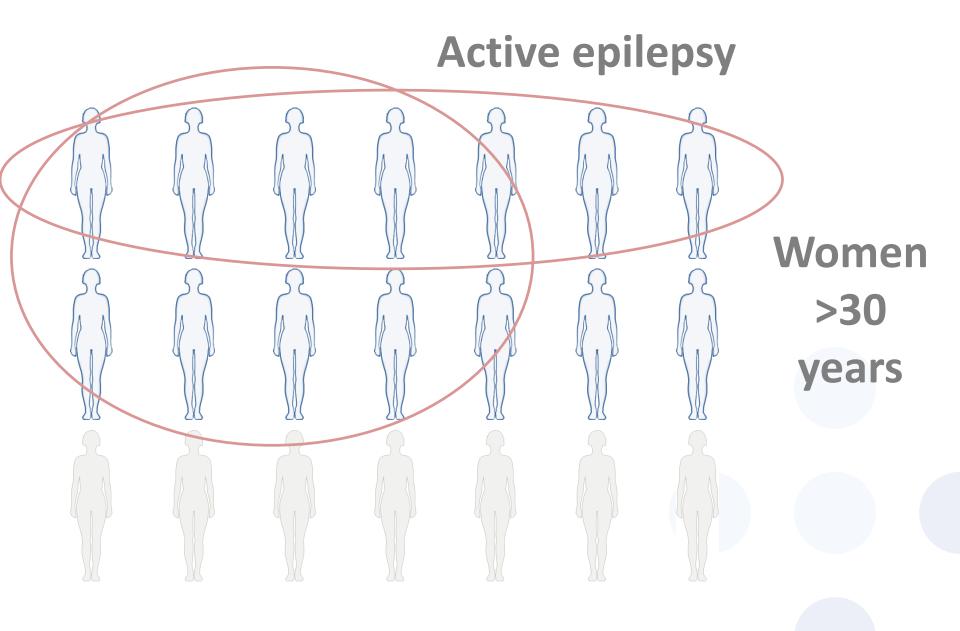




#### **Seizure free last 5 years**









## Conclusion

- Many will experience a pattern of remissions and relapses
- Epilepsy is still a major concern in many adults with Rett syndrome



#### Acknowledgements

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