



**European
Reference
Network**

for rare or low prevalence
complex diseases

 **Network**
Epilepsies (ERN EpiCARE)



WP 07 - Targeted medical therapies

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London, 23.02.2019

WP 07 – Major Objectives



- To investigate the **occurrence** of rare and complex epilepsies, the applied **medical therapies** and their **outcome** in the expert centres and collaborating clinical partners
- ⇒ Analysis of the current state, assessment of the population that can potentially be reached for future trials
- To identify **novel** genetic, biochemical, electrophysiological or imaging **biomarkers** of the disease (allowing early diagnosis) and **treatment response** (allowing a more targeted and personalised approach)

WP 07 – What have we reached in 2018 ?



- Accomplished a more complete and coherent **web-based survey** on patient cohorts, treatment protocols, etc. on **4 selected disease entities** (Dravet, TSC, PME, Autoimmune epilepsies)
- 22 of 29 centres participated
- Results show **great potential of ERN** in terms of rather **large patient recruitment** and need of controlled studies and guidelines in the treatment of some diseases/symptoms

WP 07 – What shall we do in 2019 ?



- Vivid discussions on how to proceed (still in progress)
 - [Report / paper on survey](#) (to promote the concept and potential of ERN)?
 - Report on biomarkers of diagnosis, disease progression and treatment response in selected diseases
- Link output of WP7 with other WP (e.g. 2 and V) to design and perform prospective clinical trials and to suggest guidelines and recommendations



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