

Work package title: WP1: Prevalence of ASDs and related social and economic costs

Presentation title: WP1 Update from studies based on registries or other health information systems: FRANCE

Presenter: Dr Catherine Arnaud, Childhood Disability Registry *RHE31*, Toulouse, France
Pr Bernadette Rogé, University Toulouse 2 Jean Jaurès, France, Dr Elodie Sellier, *RHEOP*, Grenoble, France

Update on activities:

- **Two Childhood Disabilities Registries in France:**



- Child Disability Registry of Haute-Garonne **RHE31**: cover the Haute-Garonne county : around 16000 births per year / 1 300 000 inhabitants
- Registry on severe childhood disabilities and the perinatal observatory in Grenoble **RHEOP** : cover the Isère, Savoie and Haute-Savoie counties: around 30000 births per year / 2 500 000

The two registries use the same methodology and criteria for inclusion. Detailed ICD-10 codes are recorded, F84.2 codes usually excluded from the analyzes and F84.4 not used.

- **Methodology for inclusion in the registry :**

Active registration after parental consent. The inclusions are based on medical records from public disability services centers, psychiatric services centers, and autism referral centers. The inclusions are based on a written statement of a diagnosis of ASD at the latest during the year the child reaches 8 years (last year of follow-up 2015 for children born in 2007 and 2014 for children born in 2006).

- **Diagnosis of ASD :**

In France, diagnosis can be made through different teams in the region with different practices: multidisciplinary team in the ASD diagnostic centers, psychiatric outpatient care or private psychiatric practice. The diagnosis are based on clinical evaluation +/- ADOS and ADI-R, but not in all cases

- **ASD prevalence** will be estimated for the years 2014 and 2015 for children aged 8 years. Numerator: case children born in 2006 and 2007 residing in catchment area at time of follow-up (whatever place of birth) residing respectively in 2014 and 2015. Denominator : all children aged 8 years in 2014 and in 2015 and residing in catchment area at time of follow-up (whatever place of birth)

Next steps:

Registry data requested

- Expect to receive data by the end of 2016
- Generate prevalence estimates and write site-specific methods description in winter 201