

## CASE STUDIES ANALYSIS AND 22 APRIL 2016 JOINT WORKING GROUP WORKSHOP: FINE-TUNING THE RESEARCH FRAMEWORK WITH COMBINED CARE MODELLING AND ECONOMIC EVALUATION METHODOLOGY

**The Value of Treatment Research Project** will ultimately provide **evidence-based policy recommendations for the adoption and implementation of a more patient centred and sustainable coordinated care model for brain disorders**. In order to use the data to inform the policy document, **case studies analysis** will be conducted for the following disorders: schizophrenia, dementia, idiopathic normal-pressure hydrocephalus, AF stroke, Parkinson's disease, epilepsy, headache, multiple sclerosis, restless legs syndrome and mental illness comorbidity.

At this stage of the project (phase 2 “qualitative and quantitative research”), **the Joint Working Group Workshop of 22 April 2016** enabled to dig deeper in the field of the **research methodology** for each case study (based on study template provided during the first phase of conceptualization “observation and problem definition”). Evaluation will be carried out through case studies analysis, in particular **1) the mapping of the patient's care pathway and 2) the economic evaluation of specific clinical interventions across different brain disorders (see figure 1: research process)**.

As a stepwise approach and based on selection criteria (such as completed composition of the working group, filled in study template on care modelling and economic evaluation covered funding), we proceeded on 22 April with the **case studies on 1) Dementia and 2) Schizophrenia**. For the **case studies on Headache, Multiple Sclerosis and Parkinson's disease**, discussions were only focusing on the patients' perspectives. The meeting was fruitful. A **forthcoming Joint Working Workshop will take place on 25<sup>th</sup> May** to go through the same process with the remaining case studies and to elaborate further the outline going more into details of the focus and methodological aspects of the case study.

Objectives of **the combined case studies methodology** are twofold:

- Patient's care pathway analysis to identify gaps and opportunities for improvements in the current care pathway (SWOT analysis with stakeholders)
- Economic modelling assessing the socio economic impact of specific clinical interventions targeted to close some of the gaps identified in the patient journey analysis

To conduct these analyses, we are **partnering with the Utrecht University Medical Centre** (Nick Guldemondd)) **for the patient journey and with the London School of Economics** (Michela Tinelli and Martin Knapp) **for the economic evaluation**.

The working groups are formed with **experts within the network of EBC member organizations** (e.g. European Academy of Neurology, ...) **as well as other industry and patient representatives.**

Figure 1: Research process

