

Case Study: Linked claims and EHR data used to evaluate healthcare costs and resource utilization (HCRU) and burden of illness



Challenge

Focal segmental glomerulosclerosis (FSGS) is a varied, complex pattern of kidney damage that has several different causes and numerous names and terminology, as well as different proposed classification systems.

Evidence generation required both claims to summarize cost and HCRU burden *and* clinical data (e.g., labs from EHR) to accurately identify patients in the study cohort.



Solution

Genesis Research collaborated with the client to develop a protocol and analysis plan.

The study utilized a linked claims and EHR data source to identify the relevant populations of interest via a patient identification algorithm.

Outcomes evaluated: disease prevalence, cost, and HCRU burden derived from the linked claims and EHR data.



Impact

As a result of Genesis Research's strategic input, tactical approach and expert analytics, the study quantified the substantial healthcare system burden associated with FSGS.

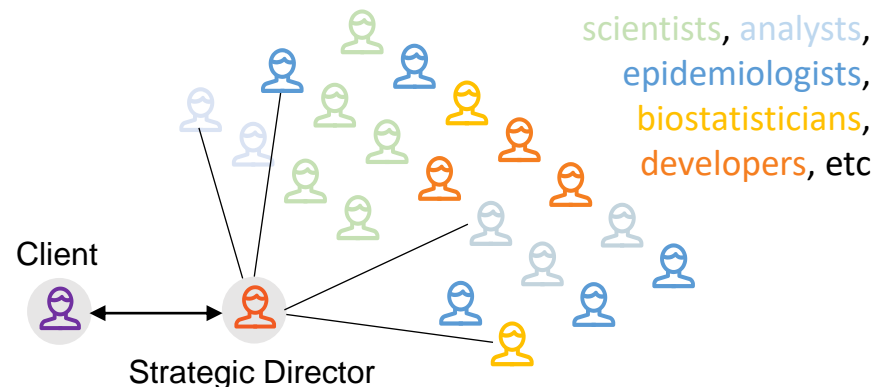
The work is planned to be subsequently published in a peer-reviewed journal to reach a broader audience.

Genesis Research maintains a close working relationship with the client and is supporting a series of FSGS studies.

Abstract and Poster Presented at ISPOR US 2022: [Link](#)



Flexible Integrated Team (FIT) engagement



The study was completed as part of Genesis Research's FIT engagement with the client.

The work was completed by a customized, cross functional team of RWE and HEOR analysts, epidemiologists, and biostatisticians and coordinated by a dedicated strategic director.

FSGS = Focal segmental glomerulosclerosis; HCRU = Healthcare resource utilization; EHR = Electronic health record; ISPOR = International society of pharmacoepidemiology and outcomes research