Short report to NFOG board about activity for reimbursement: NF12006

I attended the course on Analysis of Twin Data in Health Research held on 21st – 24th may at South University in Odense in Denmark.

The course descriptions:

What is the contribution of genetic and environmental factors to the
variation in outcome?
What kind of genetic and environmental influences to expect?

How to estimate heritability of an outcome using twin data, using R and Open MX in R
Focus on practical's in first biometric analyses.
Follow up on purpose, theory and assumptions.

Principles of genetic epidemiology

Analysis of continuous twin data

The case- cotwin design and analysis

Analysis of categorical outcomes

The future of twin studies

Genetic analysis of rare diseases

Analysis of occurrence on events

Survival analysis in twin studies

Genetic studies using twins

Applied genetic studies

The course was very high standard but I have definitely learned to understand more about genetic epidemiology and statistical analysis of twin studies. It will help me now to take part in statistical analysis, to understand the results and to write the thesis of my own PhD project in twins.

Rama Saha