



March 2022 WORKING GROUP MEETING MINUTES: Databases and Coding

Meeting details	
Meeting location	TRYP Barcelona Apolo Hotel (Segre Room) + MS Teams online
Meeting date	17 th March 2022
Meeting time	14:00-15:00 CET
Chair(s)	Jennifer Quint
Attendees	Katia Verhamme Anthony D'Urzo Nicholas Roche Janwillem Kocks Esther Metting Valeria Perugini
Objectives	
1	Update on current project- TORPEDO
2	New project ideas
3	AOB

Items	
Update on current project	<p>Everybody has introduced himself/herself to others before starting to talk on the current projects:</p> <p><i>1) Towards the Optimum Reporting of Pulmonary Effectiveness Databases and Outcomes (TORPEDO) – Phase 1 modified Delphi which determined the minimally required database variables.</i></p> <p>Katia has given an update on this project. The paper has recently been finalized and published in MedRxiv. An online version of this will be also available in GACD website by next month.</p> <p><i>2) TORPEDO Phase II involves identification of databases suitable for respiratory (pharmaco) epidemiology and check whether they contain minimum criteria/variables as identified in phase I of TORPEDO.</i></p> <p>Data collected in Torpedo 1 could be used for finalizing Torpedo 2.</p> <p>Existing datasets could be used as a starting point and provide complementary and important information on “real-world” patterns of care and outcomes. However, the methods that are currently used for collecting data are different from each other. There is a lack of standardization which seems to be essential for improving clinical research through increased data quality, better data integration and reusability as well as facilitation of data exchange with others.</p>



New project ideas	<ol style="list-style-type: none">1) Review. It has been proposed to write a review on the current databases and summarise the reported validity measures of these methods. Comments from WG members will be also added with the main intent to develop a methodology suitable for identifying patients with COPD and asthma.2) Phenotype Library project. Data collected by Torpedo 1 could be used for developing new phenotype libraries as suggested by Jenny. This could provide a set of useful data-driven definitions of the respiratory diseases and/or improve those that are currently existing. The WG members have commented that this type of ideas can be difficult to be funded. It would be good to collect some preliminary data and indeed applying for small grants before approaching the pharmaceutical companies.3) BREATHE+TORPEDO project. Jenni has also mentioned about BREATHE- The Health Data Research Hub for Respiratory Health UK - and how this could be combined with Torpedo. This idea could attract international sites so that it seems to be worth to have a word with Michael Walker (REG) and seek advice before proceeding. https://www.hdruk.ac.uk/helping-with-health-data/health-data-research-hubs/breathe/4) Large database project. The possibility to contact people/colleagues from international centers that already work with large databases has also been commented. This could attract funding.5) Common Data Model (CDM). The study aims to develop a common method suitable to extract outcomes from distinct databases including synthetic data as proposed by Esther. This has been suggested to be considered as phase 2 of the <i>Phenotype library</i> idea above mentioned.
AOB	It has been proposed to re-meet in a short time.



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