

ACO working group ERS Conference 2018

Minutes

Meeting location	Mercure Parc des Expositions, 36 38 Rue du Moulin, 92170, Vanves, France	
Meeting date	Saturday 15 September 2018	
Meeting time	11:00 – 12:00 am	
Chair(s)	Jerry Krishnan & Nicolas Roche	
Attendees	Glenn Crater Chin Kook Rhee Dermot Ryan Michael Walker Antonio Anzueto	Ted Popov Ron Dandurand Naomi Lauanders Kathryn Brown
Objective	<ul style="list-style-type: none"> • Provide an update on current projects • Prioritise ideas for future projects and develop a plan for implementation • Identify new project ideas in the field of ACOS 	

1	<p>Update on current projects</p> <ul style="list-style-type: none"> • ACO proof of concept study (Phase 1) Jerry Krishnan presented the results of phase I. The thresholds used for reversibility and other parameters were briefly discussed, as was the reliability of the data. The exclusion of non-smokers was discussed and while this excludes some of the population of ACO patients, it was felt this was an important step to verify that they did have COPD. The possibility of sensitivity analysis around some of these factors was discussed. The fact that all definitions were arbitrary was discussed and while there were limitations, and the definition of ACO needs validating, it was felt to be a worthwhile project.
2	<p>Develop plan for future projects</p> <ul style="list-style-type: none"> • ACO proof of concept study (Phase 2) Several potential second phases were discussed. It was felt it was important to look at the functional consequences of the definition in terms of outcomes (including exacerbations), differences in treatment, and healthcare resource utilization; either as a prospective or cross-sectional study. Principal component or cluster analysis was also suggested as a method for determining which characteristics aggregate in the different sub-populations. <p>Action: Study team to revise phase II based on these discussions</p>

- **ACO proof of concept study (Phase 3)**

'Asthma-COPD Overlap in Routine Primary Care Observational Studies: Repetition of the analyses in other national databases to evaluate the ACO definitions'

It was agreed that this phase was needed and the Korean database was suggested. Chin Kook Rhee from Korea suggested that this could be replicated in the Korean database without any cost to the study team, and it may be possible in the French database also. The Finnish database was also suggested as the spirometry and other lung function data is very good (Note, 5 European databases have previously been suggested: Dutch ASTHMA / COPD Service, Adelphi Respiratory Disease Specific Programme, SIDIAP, MAJORICA).

Action: Study team to follow up with Chin Kook Rhee from Korea and the team from France.