

# TECHNOLOGIES WORKING GROUP MEETING

## ERS Conference 2018

### Minutes

<b>Meeting location</b>	Mercure Parc des Expositions, 36 38 Rue du Moulin, 92170, Vanves, France	
<b>Meeting date</b>	Saturday 15 September 2018	
<b>Meeting time</b>	16:00 – 17:00	
<b>Chair</b>	Richard Costello	
<b>Attendees</b>	Pankaj Goyal Paul Mastoridis Mark Sanders Shreeram Aradhya Kostas Kostikas Jaco Voorham Alexandra Dima Eric van Ganse Michael Walker	Manon Belhassen Guilherme Safioti Fulvio Braido George Christoff Dermot Ryan Ted Popov Job van Boven Naomi Launders Kathryn Brown
<b>Objective</b>	<ul style="list-style-type: none"> <li>Decide on a new lead for the group</li> <li>Update on current projects</li> <li>Identify new project ideas in the field of Respiratory Technologies</li> <li>Prioritise ideas for future projects and develop a plan for implementing one of these projects</li> </ul>	

<b>1</b>	<p>The leadership of the group was discussed. As no volunteers were forthcoming it was decided that it would be best to put the leadership on hold until the REG summit in March.</p> <p><b>Action: REG to discuss leadership and potential merge with adherence.</b></p>
<b>2</b>	<p><b>Provide update on current projects</b></p> <ul style="list-style-type: none"> <li><b>Predicting the risk of future asthma exacerbations in a claims-based healthcare system (PI Mohsen Sadasafavi)</b></li> </ul> <p>Mohsen was unavailable to dial in to the meeting. The project was discussed and agreed to be useful. Eric Van Ganse confirmed it would be possible to look in the French database also.</p> <p>Action: REG and Mohsen to follow up funding opportunities</p> <ul style="list-style-type: none"> <li><b>Smart inhalers systematic review (PI Omar Usmani)</b></li> </ul> <p>The project was discussed. It was thought that opinions should be sought from non-respiratory specialist. GPs with no particular specialism as they are</p>

the ones who will be using new technologies day to day across a range of disease areas.

It was suggested we could have a multidisciplinary forum and then discipline specific fora as answers across these for a would probably differ.

It was suggested the study could look at “connected objects” rather than just inhalers.

Patient involvement was discussed and felt useful.

A follow up study, where devices are given to the participants and their opinions sought, was suggested. Using a quality improvement or implementation science approach was suggested – making a series of changes, collecting opinions and then making further changes.

A series of research questions were discussed – do digital devices change anything in terms of patient behaviours? Do they tell the physician something useful? What is the adherence to digital devices and apps? What are the downfalls and unintended consequences of use? What is the potential impact payers come into this space, using them to monitor adherence?

It was felt that a common user interface or overarching program was required with all the apps and devices connecting to this. Issues with this model were discussed.