



HORIZON 2020

PHC-26-2014

Self management of health and disease: citizen engagement and mHealth

Grant agreement number: 643694

Project Title:

**A co-operative mHEALTH environment targeting adherence and management of patients suffering from
Heart Failure**



Newsletter Digest

01.01.2016 – 30.06.2016

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Poster presentation at International Association of Breath Research (IABR)

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Poster presentation at International Association of Breath Research (IABR): “Impact of the breathing pattern on the measured concentrations of volatiles in breath”.

Poster presentation at XXXVI Congreso Nacional de la Sociedad Española de Medicina Interna (SEMI)

<https://www.facebook.com/605460052917539/photos/a.605462249583986.1073741827.605460052917539/757077057755837/>

Poster presentation at XXXVI Congreso Nacional de la Sociedad Española de Medicina Interna (SEMI): “Análisis de los requisitos funcionales para el desarrollo de un entorno m-health en la atención de pacientes con insuficiencia cardiaca. Proyecto HEARTEN”.

Oral presentation at 37th Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC)

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Oral presentation at 37th Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC): “A breath sampling system assessing the influence of respiratory rate on exhaled breath composition”.

Publication in Journal of Breath Research

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Publication in Journal of Breath Research: “Comparison of sampling bags for the analysis of volatile organic compounds in breath”.

Paper at International Conference on Bioinformatics & Bioengineering (BIBE2015)

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Paper at International Conference on Bioinformatics & Bioengineering (BIBE2015): “A preliminary presentation of a mobile co-operative platform for Heart Failure self-management”.

Publication in Materials Science and Engineering

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Publication in Materials Science and Engineering: “Submicron magnetic core conducting polypyrrole polymer shell: Preparation and characterization”.

Publication in Materials Science and Engineering

<https://www.facebook.com/605460052917539/photos/a.605462249583986.1073741827.605460052917539/814975958632613/>

Publication in Materials Science and Engineering: "A novel EIS field effect structures coated with TESUD-PPy-PVC-dibromoaza[7]helicene matrix for potassium ions detection".

Cardiac medications

https://www.facebook.com/permalink.php?story_fbid=814986655298210&id=605460052917539

If you've had a heart attack, you will most likely be prescribed medication that you will take for the rest of your life.

What goes wrong in heart failure?

https://www.facebook.com/permalink.php?story_fbid=814994698630739&id=605460052917539

This animation shows what happens to your heart when you have heart failure. Your heart has difficulty to pump the blood around your body, often because it has been damaged by a medical condition.

Message for heart failure patients: exercise

https://www.facebook.com/permalink.php?story_fbid=837177463079129&id=605460052917539

Physical activity may help extend survival for patients with heart failure, a new review suggests.