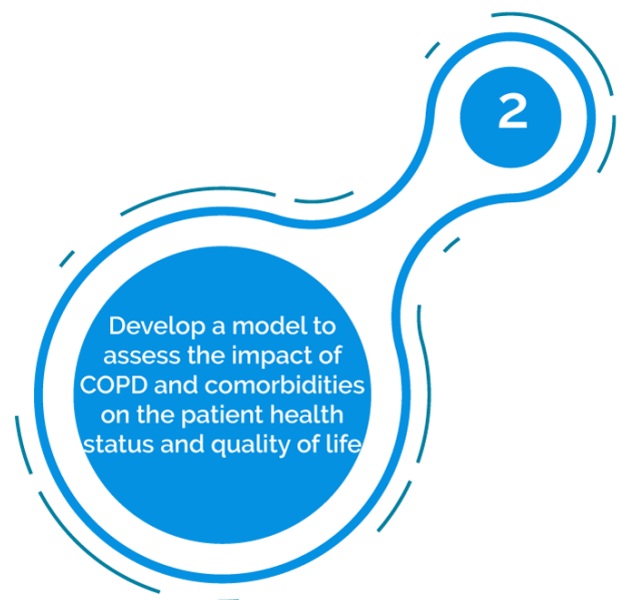
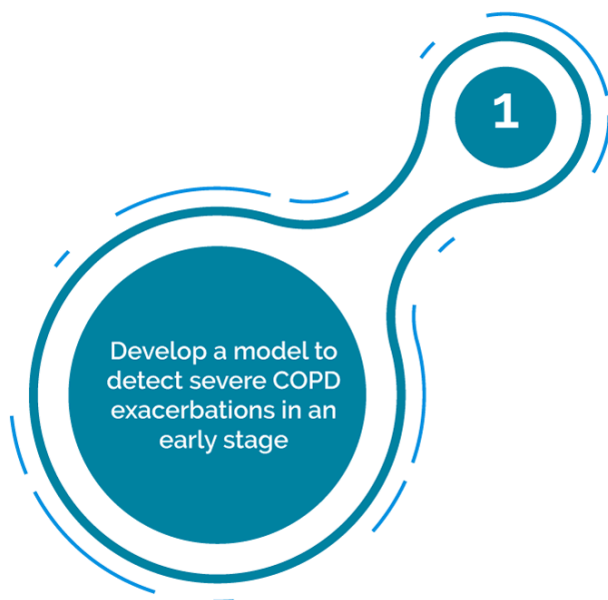


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50 patients (Group A) will be followed for 12 months in the period February 2024-June 2025, registering exacerbations and by performing periodic clinical examinations to provide the clinical references for the artificial intelligence tools.



Data collected by the study A will be exploited to:



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period September 2025-March 2027 with the set of smart sensors. During study B, the prediction of exacerbations and assessment of health outcomes enabled by the analytics tools will be made available to the clinicians through a software interface to support the clinician decisions for a precise and optimized management of COPD.

Project Full Title: Combining Artificial Intelligence and smart sensing TOWard better management and improved quality of LIFE in chronic obstructive pulmonary disease

Project Acronym: TOLIFE

Topic: HORIZON-HLTH-2021-DISEASE-04-04

Type of action: HORIZON Research and Innovation Actions

Granting authority: European Health and Digital Executive Agency

Duration: 54 months



**Funded by the
European Union**

Opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or the European Health and Digital Executive Agency (HADEA). Neither the European Union nor the granting authority can be held responsible for them."



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PROJECT DETAILS

Project number: 101057103

Project Full Title: Combining Artificial Intelligence and smart sensing TOward better management and improved quality of LIFE in chronic obstructive pulmonary disease

Project Acronym: TOLIFE

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