

## Digital Single Market

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# Video: Tool for diagnosis and treatment of COPD disease

The chronic lung disease COPD affects between 4-10% of Europeans, but about 70% of them are underdiagnosed: a major public health problem. By developing a simulation environment of the respiratory system and creating a decision-support system for clinicians, the European research project SYNERGY-COPD wants to improve diagnosis and management of the disease.



[1]

The system allows doctors to anticipate the progression of COPD and to determine the most suitable treatment for each COPD patient. Doctors can also make use of a patented tool, developed within the project, to verify the Spirometry tests of their patients.

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