

# PoCOsteo

A PoC, in-office device for identifying individuals at high risk of osteoporosis and osteoporotic fracture



## Love your bones. Protect your future.

This device brings together biomarker measurement, profiling of genetic variations and assessment of risk factors known to increase an individual's fracture probability. It enables physicians to have the test results available during consultation time, thus reducing the time between diagnosis and initiation of treatment significantly. It enhances the **predictive accuracy of fracture prognosis** and provides patients with **personalised care**. It also improves the patient's compliance with treatment.

The overall objective of the PoCOsteo project is the development, clinical validation and preparation for commercialisation of a PoC tool for bone disease (i.e. osteoporosis) **prevention, detection and treatment**.

The project team consists of academic/research partners from **5 countries** (Ghent University, University Rovira I Virgili, Fraunhofer IMM, Tehran University of Medical Sciences and the Medical University of Graz) and **3 SMEs** (Labman Automation, MicroLIQUID and Fundico).

PoCOsteo is a HORIZON 2020 project, funded by the EU under contract number 767325.



For more information, please visit [www.pocosteo.eu](http://www.pocosteo.eu)

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# PoCOsteo

Arreta-puntuko diagnostiko-sistema, bulego-mailan osteoporosia nahiz haustura osteoporotikoa jasateko arriskuan dauden banakoen identifikaziorako.



## Maita itzazu zure hezurak. Babestu zure etorkizuna.

Gailu honek hezurren haustura-probabilitatea areagotzen duten biomarkagailuen neurketa, aldaera genetikoaren profila eta arrisku-faktoreen ebaluazioa bere baitan hartzen ditu. Azterketen emaitzak kontsulta garaian eskuragarri izateko aukera ematen dio medikuari; hortaz, diagnostiko eta tratamendu hasiera arteko denbora nabarmen murrizten ditu. Haustura pronostikoa zehaztasuna hobetzen du pazienteei arreta pertsonalizatua eskaintzen die. Halaber, gaixoak tratamenduarekiko duen onespina hobetzeko gai da.

PoCOsteo proiektuaren helburu nagusia hezur-gaixotasunak (hots, osteoporosia) aurreikusi, hauteman eta tratatzeko arreta-puntuko tresna baten garapena, balioeste klinikoa eta merkaturatzea aurrera eramatea da.

Proiektu taldea 5 herrialde ezberdinetako akademia nahiz ikerketa mailako partaideez (Ghent University, University Rovira I Virgili, Fraunhofer IMM, Tehran University of Medical Sciences and the Medical University of Graz) eta 3 (Labman Automation, MicroLIQUID and Fundico) osatua dago.

PoCOsteo HORIZON 2020 barneko proiektua da, EBk finantzatua 767325 kontratuaren arabera.



Informazio gehiago nahi? [www.pocosteo.eu](http://www.pocosteo.eu) bisitatu

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