



CARING NATURE

Sustainable solutions for healthcare

FACTSHEET #3

Reducing the environmental impact of **patients** travel





The impact of patients travel

Transport-related activities contribute around **20% of healthcare CO2 emissions, with patient travel alone accounting for 7%**. This can be reduced by introducing telemedicine, which enables remote patient-doctor communication, eliminating the need for physical visits to healthcare facilities. Properly implemented telemedicine can reduce patient travel up to 60%, decrease the likelihood of car accidents by about 7%, saves millions of metric tons of CO2, and improves medical outcomes by 25%. The benefits of telemedicine extend to both patients and healthcare providers as users appreciate its simplicity, flexibility, comfort and cost-saving aspects, with the consequent environmental impact.



CARING NATURE solution

Currently, integrating telemedicine solutions into medical practice faces human, organisational and economic resistance. **CARING NATURE** is developing the **TELE-ME NOW** solution with the aim to increase the adoption of telemedicine. This initiative seeks to enhance quality, access, and timely care while simultaneously lower expenses and reduce the carbon footprint associated with patient travel.



TELE-ME NOW

TELE-ME NOW is an **all-in-one 35x35 cm suitcase including multimedia electronic healthcare record system (EHR)** that enables integration with other EHRs or peripheral devices. It empowers remote physicians to access the patients information they would typically receive during in-person visits, facilitated by secure platforms and user-friendly devices. They will allow **real-time video and audio communication, remote physical evaluation**, including heart, lungs and bowel auscultation, as well as skin and Ear-Nose-Throat examinations.

Tele (far) -medicine refers to any kind of medical care provided to distant patients with the goal to alleviate their pain, based on a set of limited information transmitted via a trusted source or a document. TELE-ME NOW stands out as one of the rare GDPR- compliant solutions, offering all-in-one suitcase containing multimedia electronic healthcare record capable of integrating with other EHR or peripheral devices.




The solution is developed in Italy, by Fondazione Policlinico Universitario Agostino Gemelli, tested and validated in Spain (by FPHAG) and in Finland (by the Wellbeing services county of Päijät-Häme)



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THE CARING NATURE CONSORTIUM



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