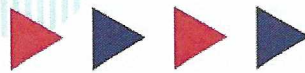


ABSTRACT BOOK



EHMA 2022



**FROM PEOPLE TO SYSTEMS:
LEADERSHIP FOR A SUSTAINABLE FUTURE**

**15-17 June 2022
Brussels, Belgium**

The EHMA 2022 Annual Conference

EHMA 2022 is the 27th Annual Conference of the European Health Management Association taking place in conjunction with the association's 40th anniversary. It brings together key healthcare stakeholders providing the latest evidence to guide the much-needed transformation of health systems. It supports managers and health systems to excel at a time where the complexity of the challenge ahead is immense.

The 2022 conference theme '*From people to systems: leadership for a sustainable future*' explores challenges and solutions to creating sustainable health systems and ways health managers can lead towards them.

One of EHMA's main areas of work has been maintaining a dialogue between policymakers, health managers and professionals, thereby facilitating policy refinement and change. The EHMA 2022 Annual Conference is an occasion for health managers and professionals to have their voices heard, to connect with decision-makers, and inform policymaking at the European level.

Every year, the EHMA Annual Conference attracts research from leading universities, creating space to exchange knowledge on excellent delivery of healthcare and showcase evidence-based practices at the country, systems and organisational level. The conference is abstract-driven and features research by leading experts on the most contemporary topics on health management. It is a place for all healthcare stakeholders to come together to exchange innovation and best practices.

The European Health Management Association

The European Health Management Association (EHMA) strives for excellent health management for a healthy Europe by supporting the spread of knowledge on effective health management practices. Active since 1982, EHMA exists so that Europe's citizens and communities can benefit from quality, safe, value-based care and health systems.

Our focus is on enhancing the capacity and capabilities of health management to deliver high-quality healthcare and support the successful implementation of health policy. Our commitment is on supporting the provision of data and research findings for evidence-based decision-making and monitoring health policies and practices.

EHMA is the only membership organisation in Europe to bring together the full health management ecosystem, including health and hospital managers, healthcare professionals, researchers, academia, policy and decision-makers. We are a recognised and respected amplifier of best practices in the evolution of health management, and we provide an environment where evidence, challenge and experience are valued and complex debates on current topics can take place.



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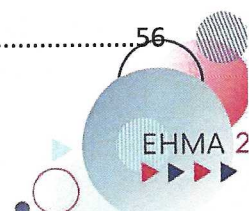
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Abstract

Society has unlimited health needs that cannot be fully met as resources are scarce, decisively affecting health policies that can be implemented at a global level. This scarcity of resources means that health financing becomes an increasingly relevant issue for policymakers and health organisations management, showing that the support provided by science and researchers is fundamental, especially at a time of high pressure in health systems, associated with COVID-19 pandemic crisis, the European demographic aging and the need to invest in technological innovation, bringing the opportunity of a longer life with quality.

This study is intended to bring solutions to this problem, proposing a new NHS funding model. To this end, we analysed the mathematical correlations between health expenditure indicators with the respective GDPs of OECD countries, as well as health system financing indicators, over time. We correlated these indicators with others of global health of the respective population, which reflect the result of health systems, in relation to their funding and expenditure profile. In the end, we defined a mathematical model for the optimisation of the economic and financial health policy, associated with greater health gains.

After fitting linear regression models for several years, the same pattern was observed. For YLL, we have an association with % of total expenditure, public expenditure, and long-term care expenses; for life expectancy, in addition to the previous variables, there was an association with current voluntary health payment schemes expenditure % GDP. Regarding self-perception of health status, an association was found with all variables, except household out-of-pocket payments.

We sought not only to highlight the differences between countries with different levels of wealth, but also to actively contribute to the sustainability of public health services, and to the encouragement of the ambitious and difficult equity in health, particularly at the European level.

