

Ukraine's First Horizon Scanning Pilot: Lessons for HTA Implementation

HTA344

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INTRODUCTION

Horizon scanning is an important stage for health technology assessment (HTA), identifying emerging technologies that could transform healthcare by reducing disease burden or prevalence. According to the WHO, Ukraine remains a region with a high HIV prevalence compared to other countries in Central Europe and East Asia.

OBJECTIVE

The aim of the research was to identify and prioritize emerging HIV/AIDS technologies that have the potential to impact the healthcare system in Ukraine. This project was carried out in collaboration with the Basque Foundation for Health Innovation and Research and USAID SAFEMed. The aim of this study was to identify proactive strategies to effectively combat HIV in Ukraine.

METHOD

The pilot employed standard horizon scanning and Pritectools for HTA prioritization. A systematic approach, incorporating methods of synthesis and generalization, was applied to analyze technologies from clinical trial databases, patent repositories, international horizon scanning, etc.

RESULTS

Ukraine's pilot HTA horizon scanning spanned three months. Six new health technologies for Ukraine were prioritized: cabotegravir (an alternative to tablet-based regimens for daily pre-exposure prophylaxis), ibalizumab (for the treatment of multidrug-resistant HIV), the dapivirine vaginal ring (to reduce the risk of HIV infection), the Harmony Portable Nucleoside Analog Analyzer, a Machine Learning Model-based Tool for identifying patients at risk of discontinuing HIV treatment, and an SMS Notification Service for HIV-positive individuals.

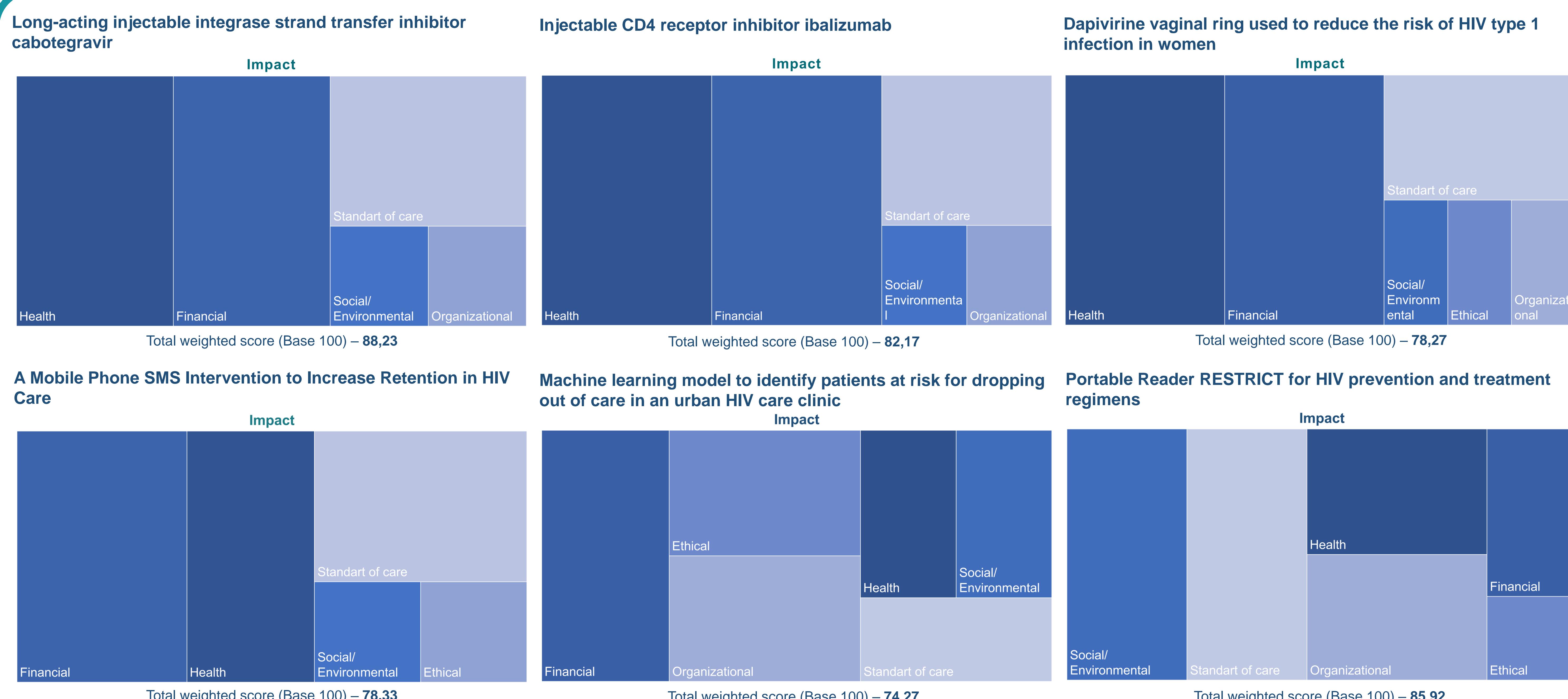


Figure 1. The HTA process in Ukraine

CONCLUSIONS

The case study showed horizon scanning tool can effectively inform Ukraine's healthcare about new HIV/AIDS technologies, making it a promising tool for integration into early-stage HTA processes.

CONTACT INFORMATION

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