

Learning from Population Risk Stratification strategies in Europe: Risk stratification action area and ASSEHS project

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Introduction

Action Area 4 on Risk Stratification (AA4 on RS) has mapped the existing patient stratification solutions, identifying European Regions experienced in risk-based stratification. AA4 has documented the approaches developed, with the aim of extrapolating results to an European Baseline able to highlight associated potential benefits at a delivery, organization, regional and European level and identify best-in-class patient stratification tools.

Methodology

Participants of AA4 were divided in teams and team leaders were designated; scanning of European Countries was organized amongst the teams. B3 Desktop Search Spreadsheet was designed and disseminated around Europe. 51 documents from European Countries were listed and described in the spreadsheet by participants. A scoping review of the documents was done based on the Keywords. A mapping exercise of the implementation stage of 6 RS tools was performed. In parallel, a RS analytical survey was created to characterize the tools and their implementation process.

Results

The scoping review shed results from documents of 5 different European Countries, from which scientific papers and guidance documents were the most abundant. Analysis by publication year showed an increasing interest in the area. Analysis by Keywords showed focus on a series of conditions, outnumbered by the terms *elderly* and *chronicity*. Goals of the stratification interventions were directed towards Integrated Care, Quality of Care and Interventions. 25 RS tools were identified in the documents. RS analytical survey was tested in 5 European regions.

Conclusions

Out of the 7 different areas of RS process analyzed, Information Exploitation and Implementation Process were scarcely described in the documents. A more exhaustive literature review needs to be performed to create a European Baseline and to evaluate the tools' implementation stage; more likely a scoping review. Consequently, **ASSEHS Project** builds on the exhaustive scoping review resulted from AA4 on RS aiming at collecting documents on risk stratification, detecting interventions where risk stratification has been used and identifying names and contact details of Key Informants.

WP4 in ASSEHS will develop an Appraisal Standard to determine the best-in-class risk stratification tools. WPs 5 and 6 will perform structured interviews in intervention sites with previous experience on risk stratification and surveys and focus groups on ASSEHS implementation sites, ending up in Feasibility and Performance Management Frameworks. Downstream, shaped by the contributions of the previous WPs, interventions in WP7 will focus on frail complex chronic patients and will result in a White Paper.