

Committee Report 2023

ESO Health Economics Working Group

Dominique Cadilhac

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Report of the ESO Committees - Summary

Health Economics Working Group

- **Dominique Cadilhac, Australia (Chair)**
- Christian Weimar, Germany
- Christina Hobeanu, France
- Gianluca De Rubeis, Italy
- Hanne Christensen, Denmark
- Katharina Sunnerhagen, Sweden
- Melina Krasinska-Chavez, UK
- Philip Bath, UK

Report of the ESO Health Economics Working Group

2023 Activities

- ESO Health Economics Working Group Meeting at ESOC Munich on the 24th of May 2023
- ESOC 2024 Session Proposal submitted
- New members appointed
 - Christina Hobeau
 - Gianluca De Rubeis
- ESO Steering Committee Meeting by teleconference on 19th of December 2023

Vision for 2024-2026

- Conference session
- Collaboration with other societies/ working groups
- White papers

2024 ESOC Symposium

- Dominique Cadilhac
 - Introduction to health economic evaluation methods
- Ana Ohde
 - Undertaking economic evaluations of pre-hospital and acute care interventions
- Kaavya Narasimhalu
 - Economic evaluations of stroke interventions: considerations for low resource settings
- Katharina Sunnerhagen
 - Economic evaluations of rehabilitation interventions: considerations for European settings
- Olivia Wu
 - Outcome measures for economic evaluations: strengths and limitations

The working group submitted an application for the symposium on the 26th of June 2023. Unfortunately, our proposal was not included in the Conference program for 2024.

Economic modelling for the Stroke Action Plan for Europe (SAP-E)

- The Stroke Action Plan for Europe (SAP-E) is a pan-European initiative that was outlined by the European Stroke Organisation (ESO) and the Stroke Alliance for Europe (SAFE).
- It is the largest stroke project ever undertaken in Europe and sets targets to improve stroke care across the continent run until 2030.
- By 2030, SAP-E aims to:
 - Reduce the absolute number of strokes in Europe by 10%.
 - Treat 90% of all patients with stroke in Europe in a stroke unit as the first level of care.
 - Have national plans for stroke encompassing the entire chain of care.
 - Fully implement national strategies for multi-sectorial public health interventions promoting and facilitating a healthy life-style, and reducing environmental (including air pollution), socio-economical and educational factors that increase the risk of stroke.

The working group has submitted a proposal to the SAP-E Steering Group to use the data that has been collected for an economic evaluation. The project is intended to provide evidence to support investment in workforce and system improvements that are required in different countries to ensure the acute stroke targets, including access to stroke units and reperfusion services, can be achieved by 2030.

Funding to support the development of an economic model and the analysis has been sought by Hanne Krarup Christensen.

Potential white papers or reviews

- Assess the impact of COVID-19 on stroke care.
 - Estimate the cost of changes to hospital processes in response to the pandemic.
 - Estimate health and economic impact of any changes to the quality of care provided.
 - Investigate the cost effectiveness of stroke care during the pandemic
- Describing resource use (e.g. imaging scans, lengths of stay, medications) and applying country specific unit prices.
 - Focus on Eastern Europe where there are limited data
 - Applying information from the World Health Organisation on relative costs of health care
- Cost-effectiveness of swallowing assessment
- Cost of falls and fractures
- Describing household productivity (e.g. cooking, cleaning, gardening and caring for family members)
- Validating the Stroke and Aphasia Quality of Life Scale with a MAUI (using VISTA Health Economics)
- Sex differences in people going to nursing homes

The working group has a list of papers that they are interested in preparing if they have capacity. These are being considered and prioritized for the 2024-2026 period.