Programme in costing, resource use measurement and outcome valuation for use in multi-sectoral national and international health economic evaluations

(Pharmaco)economic evaluations for mental health related services: the PECUNIA project


pecunia-project.eu @Pecunia_EU judit.simon@muv.ac.at

Background

- Mental health disorders affect large proportions of the general public resulting in major cost consequences within the health care sector (14% of health expenditure) and beyond.
- Currently health economic evaluations lack harmonized costing and outcome tools across economic sectors and countries (Fig. 1).
- The PECUNIA project aims to establish standardised costing and outcome assessment measures for optimised healthcare provision in the EU for multi-sectoral, multi-national and multi-person (pharmaco)economic evaluations using selected mental health disorders as illustrative examples. (Fig. 2)

Methods

- Harmonised Identification (HA1), Definition (HA2), Measurement (HA3) and Valuation (HA4) of service and other resource costs in multiple sectors (WP1, 2, 3, 4) (Fig. 3).
- Initial survey of all mental health related services in 6 European countries (AT, DE, ES, HU, NL, UK).
- Followed by harmonised definition and cost valuation of identified service and other resource items.
- Development of matching self-reported resource use measurement (RUM) questionnaire.

Results

- Many taxonomical and conceptual discrepancies hinder comparability in (pharmaco)economic evaluations across countries and sectors.
- Development of a new harmonized multi-sectoral costing concept which forms the basis of further international coding, resource use measurement and reference unit cost methods and tools (PECUNIA care atom, Fig. 4).
- Multiple standardized and harmonized tools such as DESDE PECUNIA coding system, PECUNIA RUM, PECUNIA Unit Costing Templates, European PECUNIA Unit Cost Compendium, PECUNIA PROM Compendium.