The GLOBAL Point Prevalence Survey of Antimicrobial Consumption and Resistance (GLOBAL-PPS)

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The project
- The GLOBAL-PPS offers a simple, freely available web-based tool to monitor antimicrobial prescribing & resistance in hospitals worldwide.
- The GLOBAL-PPS aims to change antimicrobial prescribing practices and measure the impact of interventions through repeated PPSs.
- The tool is instrumental in planning and supporting local and national stewardship interventions in a range of resource and geographical settings with a focus on Low and Middle Income Countries.

Global-PPS participation / enrolled
>80 countries
The database includes > 250,000 patients allowing benchmarking of hospitals from similar settings (hospital types or wards), same country, region and time periods.

Timeline
- The GLOBAL-PPS is repeated yearly with the possibility to join 3 different time periods (Jan.-April, May-August and Sept.-Dec.).
- An optional Health Care Associated (HAI) module will be available by mid 2019.

Global-PPS method
- Participants conduct a “one-day” cross-sectional survey including each hospital ward only “once” within a predefined period of 4 month.
- Detailed information is “only” collected for inpatients receiving an antimicrobial agent at 8:00 am on the day of survey.
- Data are collected on paper forms, and entered in a database using the Global-PPS web-based application for data-entry, validation and reporting. It is also possible to enter data directly on a laptop, a tablet or I-Pad.

Benefits for Hospitals
- After data-entry and validation, the hospital is able to download a real-time one-point and longitudinal feedback report which can be used for local communications and presentations.
- Possibility to extract own data in excel which favours local analyses.
- Supports local antimicrobial stewardship activities (e.g. local guidelines implementation).

Last but not least ...
- Data are completely anonymously entered online. The data remains the property of the hospital. Participation of hospitals and all fieldwork at the hospital level is done on a voluntary basis.
- The Global-PPS team encourages regional or country specific analysis led by a “local coordinator” or the “national or regional Global-PPS participant”. A publication policy is available on request.

>80 countries

A complete report provided to all participating hospitals – example of longitudinal feedback slide

Any hospital admitting adults, children and/or neonates is welcome to participate!

Global-PPS endorsed by health and scientific organizations

Disclosures: "bioMérieux is the sole private sponsor of the GLOBAL Point Prevalence Survey. The funder has no role in study design, data collection, data analysis, data interpretation, or writing the report. Data are strictly confidential and stored anonymous at the coordinating centre of the University of Antwerp, Belgium."