

Course program - ESGAP/SWAB technical Workshop on measuring quality and quantity of antibiotic use – 11 & 12 April 2019, Nijmegen, the Netherlands

11 April 2019

8.30-9.00 Welcome and Introduction (Jeroen Schouten, Vera Vlahovic)

9.00-9.30 Measuring the quantity of antimicrobial use, the basics (Vera Vlahovic)

9.30-11.30 How to deduct Quantitative Measures from a raw database and how to analyse and present the data: a 5 step approach (Workshop, Stephanie Natsch, Paul van der Linden, Vera Vlahovic, Bart Hendriks, Marlot Kallen)

11.30-12.00 How do I do this in my own hospital / Healthcare setting? A practical example (Bart Hendriks)

12-13 Lunch

13.00-13.30 Quality Indicators in Antimicrobial Stewardship, the basics (Marlies Hulscher)

13.30-15.30 How to select Quality indicators for antimicrobial use, How to interpret results and use feedback (Workshop, Marlies Hulscher, Jaap ten Oever, Jeroen Schouten, Céline Pulcini, Charis Marwick)

15.30-16.00 How do I do this in my own hospital / Healthcare setting? A practical example (Charis Marwick)

16.00-16.45 Quantity and quality measurements, is there a third way? The fate of proxy indicators (Céline Pulcini)

12 April 2019

8.00-9.00 Breakfast

9.00-9.30 Performing a Point Prevalence Survey, the basics (Jaap ten Oever)

10.00-12.00 How to conduct a Point Prevalence Survey, interpret the results and present results (Workshop, Jaap ten Oever, Diamantis Plachouras, Stephanie Natsch, Vera Vlahovic, Paul van de Linden)

12.00-13.00 ECDC Point Prevalence survey (Diamantis Plachouras)

13.00 End of course
Express lunch

13.30 Departure to ESCMID Amsterdam

Learning objectives

- To understand the pro's and con's of available quantitative measures for antimicrobial use (DDD, DOT, etc) and their denominators (per 100 patient days, admissions, etc).
- To be able to deduct quantitative measures for antimicrobial use from a raw database and present in a well – ordered and understandable fashion.
- To be able to discern and analyse changing patterns of use (total and differentiated per class).
- To be able to conduct a Point Prevalence Survey, interpret the results and present in a well - ordered and understandable fashion.
- To be able to perform a prospective audit on the quality of antimicrobial use, interpret the results and present in an well -ordered and understandable fashion.
- To be able to deduct Quality Indicators for appropriate antimicrobial use from existing guidelines.
- To be able to integrate quantitative and qualitative data as a starting point for quality improvement cycle.

Tutors

- Céline Pulcini, F
- Charis Marwick, UK
- Marlies Hulscher, NL
- Jaap ten Oever, NL
- Vera Vlahovic, Kr
- Stephanie Natsch, NL
- Paul van der Linden, NL
- Bart Hendriks, NL
- Diamantis Plachouras, GR
- Jeroen Schouten, NL
- Marlot Kallen, NL