Rationale

- Increase of human life expectancy: persons > 85 yrs fastest growing segment of population
- Projection for old (65-79 years) and very old persons (> 80 years): through 2060 15% and 9% of population
- Infections in the elderly major challenge for physicians due to: high frequency, different epidemiology, atypical clinical presentation, age-related modifications in drug metabolism

Need for organized programs addressing infectious disease issues in the elderly persons to improve their care

To become ESGIE member

https://www.escmid.org/research_projects/study_groups/elderly_infections/esgie_membership_application/

Publications

SG publication: Staffing for infectious diseases, clinical microbiology and infection control in hospitals in 2015: results of an ESCMID member survey.

Contributions to publication:

Research projects

Ongoing projects:
- Risk factors for renal failure among patients treated with aminoglycosides for pyelonephritis and catheter-related urinary tract infections, with a focus on the elderly: retrospective cohort study.
- Vancomycin therapeutic drug monitoring for documented MRSA infections: drug level attainment in the elderly and utility of monitoring to improve efficacy and safety: retrospective cohort study.
- External validity of investigator-initiated randomized controlled trials.
- Colistin level attainment in different patient groups and association with outcomes: prospective study.
- Choosing wisely antibiotic treatment to reduce futile therapy: cost benefit model development.

Activities outside ECCMID

ESCMID Postgraduate Technical Workshop
Organiser(s): ESGIE, ESGBIS

Funded research projects

Project: ESCMID Study Groups’ competencies in antimicrobial prescribing and stewardship (ESCAPS) to explore a consensus for antimicrobial prescribing and stewardship competencies; led by ESGAP (Barry Cookson) with contributions by ESGAP, ESGNI, ESGIAI, ESGIE, ESGCIP, ESGBIS, ESGCD

SG Research Funding 7548 (Paul Mical, ESGIE): The participation of the elderly in randomized controlled trials of antibiotic treatment (planned to run until Jan 2017)

Activities in ECCMID 2017:
- 1-hour Symposium: Forever young by manipulating the microbiota - mission possible?; Organizer(s): ESGIE (accepted)
- Meet-the-Expert Session: How to improve reliability in infection surveillance; Organizer(s): ESGNI, ESGIE (accepted)

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