



# ESGIE

ESCMID STUDY GROUP FOR  
INFECTIONS IN THE ELDERLY

European Society of Clinical Microbiology and Infectious Diseases



## Publications:

Contribution to publication: Prendki V, Huttner B, Marti C, et al.  
Accuracy of comprehensive PCR analysis of nasopharyngeal and oropharyngeal swabs for CT-scan confirmed pneumonia in elderly patients: a prospective cohort study. Clin Microbiol Infect. 2019; pii: S1198-743X(18)30856-5

Contribution to publication: Papst L, Beović B, Pulcini C, et al. ESGAP, ESGBIS, ESGIE and the CRGNB treatment survey study group. Antibiotic treatment of infections caused by carbapenem-resistant Gram-negative bacilli: an international ESCMID cross-sectional survey among infectious diseases specialists practicing in large hospitals. Clin Microbiol Infect. 2018;24(10):1070-1076.

Contribution to publication: Nucleo E, Caltagirone M, Marchetti VM, et al. AMCLI – GLISTER Group; ESCMID Study Group Elderly Infections – ESGIE. Colonization of long-term care facility residents in three Italian Provinces by multidrug-resistant bacteria. Antimicrob Resist Infect Control. 2018;7:33.

Falcone M, Paul M, Yahav D, et al. ; Study Group for Infections in the Elderly (ESGIE). Antimicrobial consumption and impact of antimicrobial stewardship programmes in long-term care facilities. Clin Microbiol Infect. 2018;. pii: S1198-743X(18)30559-7.

Contribution to publication: Prendki V, Scheffler M, Huttner B, et al. Low-dose computed tomography for the diagnosis of pneumonia in elderly patients: a prospective, interventional cohort study. Eur Respir J. 2018;51(5).

## Become a member:

[https://www.escmid.org/research\\_projects/study\\_groups/elderly\\_infections/esgie\\_membership\\_application/](https://www.escmid.org/research_projects/study_groups/elderly_infections/esgie_membership_application/)

### Research projects:

- Considerations for the management of antimicrobial therapy in the elderly: a narrative review (ongoing)
- Fosfomycin step-down for treatment of urinary tract infection: randomized controlled trial (protocol)
- LOTTA network of Long-Term care Facilities (ongoing)
- Rational use of CT-scan for the diagnosis of pneumonia: comparative accuracy of different strategies (ongoing)
- Diagnostic performance of CRP, PCT, serum amyloid A and neopterin to diagnose pneumonia in elderly patients (ongoing)
- Long term survival after a pneumonia in elderly patients: use of inflammatory and cardiovascular biomarkers to predict readmissions and mortality (ongoing)
- Prospective study on long-term outcomes of patients with Gram-negative bloodstream infections, with focus on the elderly. In collaboration with ESGBIS (ongoing)
- 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 (ongoing)
- Choosing wisely antibiotic treatment to reduce futile therapy: cost benefit model development (ongoing)

**- Workshop: Infections in the elderly: a challenge for the future. Rome September 26-27 2019**

### Activity in ECCMID 2018:

- Workshop: Infection in older populations: the next challenges. Grenoble, France, 12 – 14 September 2018

- ECCMID 2018 Madrid Symposium (1 hour): Old antibiotics with a new life; co-arranged with: ESGIE - ESCMID SG for Infections in the Elderly

- ECCMID 2018 Madrid Symposium (2 hour): Barriers to infection prevention and stewardship in elderly populations; co-arranged with: ESGIE - ESCMID SG for Infections in the Elderly

### Funded research:

Burden of flu in elderly population (Gaetan Gavazzi)

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