



GERIATRIC **HIV** CONFERENCE

CLINICAL RESEARCH AND CLINICAL
PRACTICE FOR A HEALTHY AGEING IN HIV

9-10 MAGGIO 2022

Hilton Double Tree,
Viale Europa 45, 25133, Brescia

RAZIONALE

Future projections estimate that the number/proportion of older people (aged ≥ 50 years) living with human immunodeficiency virus (PLHIV) within the HIV-positive population is increasing.

Global ageing is accompanied by an increased prevalence of age-related comorbidities that are detected more frequently and/or occur at an earlier age among PLHIV, compared with people who are uninfected.

Lower nadir CD4, elevated rates of inflammation, prolonged antiretroviral treatments (ART) exposure and various lifestyle risk factors are associated with greater rates of comorbidities and early onset of ageing complications such as occurrence of cardiovascular, renal, respiratory and osteoporotic disorders, neurocognitive decline and frailty. Comorbidities are associated with more medication prescriptions (polypharmacy) and an increased risk for drug-drug interactions. Furthermore, physiological changes related to ageing may affect pharmacokinetics and pharmacodynamics thereby putting elderly PLWHIV at risk of inappropriate prescribing.

Management of the ageing HIV patient includes the importance of an early diagnosis and treatment, preventative measures for comorbidities, and avoiding polypharmacy. In this context, the concept of appropriateness of medication prescribing and the feasibility of deprescribing have become a challenge to the correct management of elderly individuals with HIV.

This educational program aims:

- To provide knowledge to clinicians to tailor treatment regimens according to age, HIV duration, multimorbidity and polypharmacy in elderly patients with HIV;
- To give tools and methodologies to assess geriatric health in PLWHIV;
- To offer strategies that may improve the future management of people ageing with HIV.

MAY 9TH

13:00 - 13:30 **Light lunch**

13:30 - 14:00 **Introduction and welcome** | *A. Calcagno, G. Carosi, E. Focà, G. Guaraldi*

14:00 - 15:30 **Session 1: Epidemiology of ageing and IDs**

Moderatori: E. Focà, G. Guaraldi

- Ageing of global and Italian population | *G. Bellelli*
- Infectious diseases and ageing population in the new millennium | *F. Castelli*
- Role of the infectious disease consultant in ageing people care | *G. Di Perri*
- Discussion

15:30 - 17:00 **Session 2: Pathogenesis of ageing in HIV**

Moderatori: A. Calcagno, G. Guaraldi

- Role of viral reservoirs in ageing PLWHIV | *G. Nunnari*
- Neurocognitive impairment and neuropathogenesis in ageing people | *A. Calcagno*
- HIV in geriatric people: basis of ageing trajectories | *G. Guaraldi*
- Discussion

17:00 - 18:00 **Workshops: creating new pathways in geriatric HIV medicine**

WS 1 - Comprehensive geriatric assessment | *G. Madeddu, C. Mussi*

WS 2 - Antiretroviral therapy management: PP and DDIs | *D. Cattaneo, C. Gervasoni*

18:00 - 18:30 **Plenary session restitution and discussion** | *S. Nozza, E. Quiros-Roldan*

8:30 - 11:00 **Session 3: Antiretroviral therapy issues in HIV geriatric patients**

Moderatori: A. Calcagno, E. Focà

- Is deprescribing of cART possible? | *E. Focà*
- Is it actual the choice of triple therapy in geriatric HIV population? | *F. Maggiolo*
- Potency and genetic barrier - How to treat HTE patients? | *S. Rusconi*
- New drugs and classes - Is there an impact for elderly patients? | *C. Mussini*
- Discussion

11:00 - 13:00 **Session 4: Prescribing in geriatric population**

Moderatori: A. Calcagno, G. Guaraldi

- PK and PD changes in elderly patients | *D. Cattaneo*
- Anticholinergic burden | *A. Marengoni*
- Prescribing and deprescribing rules in geriatric medicine | *C. Mussi*
- Discussion

13:00 - 14:00 **Light lunch**

14:00 - 16:00 **Research perspectives in HIV geriatric medicine**

Moderatori: E. Focà, C. Torti

- The fourth 90 in geriatric PLWHIV | *A. Cingolani*
- Tool based measurement of geriatric health | *A. Zucchelli*
- Frailty as research driver in geriatric medicine | *M. Cesari*
- Methodologies to evaluate health in elderly patients: a statistical POV | *S. Calza*
- Discussion

16:00 - 16:30 **Closing remarks** | *A. Calcagno, E. Focà, G. Guaraldi*

16:30 - 17:00 **CME and Perceived Quality questionnaire**

RESPONSABILI SCIENTIFICI

Andrea Calcagno, Emanuele Focà, Giovanni Guaraldi

FACULTY

Giuseppe Bellelli, Milano

Andrea Calcagno, Torino

Stefano Calza, Brescia

Francesco Castelli, Brescia

Giampiero Carosi, Brescia

Dario Cattaneo, Milano

Matteo Cesari, Milano

Antonella Cingolani, Roma

Giovanni Di Perri, Torino

Emanuele Focà, Brescia

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Giovanni Guaraldi, Modena

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Alessandra Marengoni, Brescia

Cristina Mussini, Modena

Chiara Mussi, Modena

Silvia Nozza, Milano

Giuseppe Nunnari, Messina

Eugenia Quiros-Roldan, Brescia

Stefano Rusconi, Milano

Carlo Torti, Catanzaro

Alberto Zucchelli, Brescia

ID ECM: 120-347307/1

Ore formative: 12

Crediti ECM: 12

Lingua: italiano

Numero partecipanti: 50

Discipline accreditate: Medico Chirurgo: Malattie Infettive, Microbiologia e Virologia, Geriatria, Neurologia, Medicina interna e Medicina generale, Farmacologia e tossicologia clinica; Assistente sanitario; Psicologo clinico; Farmacista; Infermiere

Obiettivo formativo: 1 - Applicazione nella pratica quotidiana dei principi e delle procedure dell'evidence-based practice (EBM - EBN - EBP)

Area tematica: Management of HIV in elderly patients: pathogenesis of ageing, diagnosis, comorbidities, appropriateness of medication prescriptions and treatment strategies.

Si rende noto che, ai fini dell'acquisizione dei crediti formativi, sono necessari la presenza documentata ad almeno il 90% della durata complessiva dei lavori, almeno il 75% di risposte corrette al questionario di apprendimento e la compilazione della scheda di qualità percepita. Non sono previste deroghe a tali obblighi.



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