

Clinical Trial Eligibility Criteria for Patients with HIV: Guidance on Improving Inclusion in Non-HIV Trials

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Background

- This guidance is part of a global effort to promote greater diversity and representativeness in clinical research.
- Aims to improve the generalisability of findings and access to medicines for all populations.



Background

- For use by industry, not-for-profit organisations, and other relevant stakeholders.
- Applies to all drugs and biologics across all disease areas, with particular emphasis on conditions that disproportionately affect people living with HIV.
- Complement existing guidelines and does not restate recommendations or best practices already detailed in ICH-GCP or other applicable clinical trial regulations.



Background

- Careful consideration should be given to the inclusion and exclusion of people living with HIV in non-HIV clinical trials.
- This requires that eligibility criteria (inclusion and exclusion) be intentionally developed to avoid the arbitrary exclusion of people living with HIV from research that may offer them potential benefit.
- It is also important for this guidance to be clinically acceptable and implementable.



Guidance development

- Literature review
- Stakeholder interviews
- Online review
- Online consultation





Guidance structure

10-points recommendations

- **1 Eligibility based on sound scientific or clinical rationale**
- 2 Characteristics of the investigational product
- **3 Relevance of the medical condition under investigation**
- 4 Diversity of people living with HIV
- 5 HIV status and testing
- **6 Clinical status**
- 7 Product development stage
- 8 Clinical design
- **9 Engaging with communities of people living with HIV**
- 10 Training and Capacity Building





Key guidance points to be reviewed (based on online survey)

Up to 15 minutes per topics

- 1. Eligibility of people living with HIV must be based on sound scientific or clinical rationale
- 6. Clinical Status
 - 6.1 History of AIDS-defining illness
 - 6.3 Timing, type and effectiveness of antiretroviral therapy
 - 6.4 Comorbidities
 - 6.2 Immune functions
- 3. Relevance of the medical condition under investigation for people living with HIV
- 9. Engaging with communities of people living with HIV





1. Eligibility of PLWH must be based on sound scientific or clinical rationale

- Eligibility criteria should be proactively assessed.
- Standardised protocol eligibility templates must not be used without clear justification.
- Decisions on eligibility should be informed by the considerations outlined in this document.
- Any exclusion must be documented and supported by a sound scientific and clinical rationale.
- Risk assessments should be conducted to ensure safe and appropriate inclusion of PLWH.
- Where concerns exist, study protocols should prioritise risk-mitigation strategies over exclusion.





2. Consider characteristics of the investigational product

→ When assessing eligibility, the properties of the investigational drug must be considered from multiple perspectives:

- Mechanism of action
- Existing safety data on the investigational drug or related drug classes
- Potential or suspected drug–drug interactions with antiretroviral therapy or treatments for comorbidities
- Feasibility and appropriateness of a temporary treatment switch (see Recommendations 6.3 and 6.4)

→ Protocols must explicitly state whether the investigational drug has a known or potential immunosuppressive effect, as this may in some cases justify exclusion of people living with HIV.





3. Consider the relevance of the medical condition under investigation for PLWH

- Inclusion of people living with HIV in clinical trials should be encouraged where a medical condition poses increased risk or disproportionately affects them, provided this does not compromise participant safety or trial objectives.
- Any exclusion of people living with HIV due to safety concerns or conflicts with study objectives must be clearly documented in the study protocol.
- This approach promotes equity and accelerates the generation of evidence directly relevant to people living with HIV.





4. Ensure diversity within the study population

- The literature on comorbidities associated with HIV is substantial but has significant limitations.
- Existing research often focuses on narrow demographic groups, over-representing certain regions, genders, or age brackets.
- This creates gaps in understanding how comorbidities vary and interact across gender, age, geography, and factors such as social determinants of health and life circumstances.
- ICH-GCP recommendations and sponsor commitments to diversity and representation should extend to all people living with HIV.
- Special attention should be given to gender and age, particularly when medical conditions may affect these subpopulations differently.



5. HIV testing

- HIV testing should not be mandated as part of general eligibility for non-HIV trials.
- If there is a suspected risk specifically linked to enrolling a person living with HIV, testing should be offered (see R2).
- In trials addressing conditions that disproportionately affect people living with HIV, or where they may be at increased risk, testing should be offered as an option when HIV status is unknown.
- This prevents unrecognised HIV infection from placing participants at risk. It also supports appropriate medical oversight, data interpretation, and access to testing.
- Where HIV-positive status is not an exclusion criterion, the protocol should explicitly state that people living with HIV are eligible to participate.
- HIV testing, when performed, must follow existing guidelines and best practices.



6. Clinical status

→ Several aspects of the participant's clinical status should be considered when assessing the inclusion of people living with HIV in non-HIV clinical trials.

→ These include:

- History of AIDS-defining illnesses.
- Immune functions.
- Timing, type and effectiveness of antiretroviral therapy
- Comorbidities.

→ These factors should inform both eligibility criteria and clinical monitoring during the trial.



6. Clinical status

6.1 History of AIDS-defining illness

→ **A participant's history of AIDS-defining illnesses should be evaluated in relation to:**

- Timing of the illness
- The investigational product under study
- The medical condition being investigated

→ People living with HIV without a history of AIDS-defining opportunistic illnesses should generally be considered eligible for non-HIV clinical trials.

→ **For those with such a history of AIDS-defining illnesses :**

- Inclusion decisions should consider the timing, control, and relevance of the illness to the trial.
- A distant, fully resolved illness should not generally preclude participation.

→ Uncontrolled AIDS-defining illnesses are a valid reason for exclusion. Participation may be reconsidered once the illness is adequately controlled.

→ The duration for defining “controlled” may vary:

- A 12-month period may be reasonable in some cases
- Shorter periods may be acceptable if the illness is clinically controlled and prophylaxis is adequate.

6. Clinical status

6.2 Immune functions

→ **CD4+ T-cell count and CD4+/CD8+ ratio** are important surrogate markers of immune function and should be considered when relevant to the clinical investigation. These markers should be evaluated in the context of:

- The investigational product
- The stage of clinical research
- The medical condition under study
- The potential of the intervention to prevent, cure, or mitigate the condition

→ Participants with **sustained CD4 counts ≥ 350 cells/ μ L and on suppressive ART** should generally be considered eligible for any study.

→ For participants **with CD4 < 350 cells/ μ L**, eligibility may be considered based on additional factors such as:

- CD4+/CD8+ ratio
- Concomitant medical conditions
- ART history
- Other relevant immune surrogate markers





6. Clinical status

6.3 Timing, type and effectiveness of antiretroviral therapy (ART)

- Exclusions based on ART duration or specific regimens must be justified and documented.
- Enrolment should generally be limited to virologically suppressed patients; unsuppressed patients may be included only if benefits outweigh risks, with appropriate monitoring.
- Exclusion due to specific ART should be applied only when there is a known or theoretical risk of toxicity and switching is not feasible.
- ART regimen changes should be considered to manage drug–drug interactions or overlapping toxicities.
- Short ART interruptions may be allowed, if necessary, with proper risk management, monitoring, participant input, and trial team training.





6. Clinical status

6.4 Comorbidities

- Comorbidities should be considered, especially when they contribute to polypharmacy or increase the risk of drug–drug interactions.
- The participant’s overall medical history and clinical management must be considered.
- Switching to an alternative effective treatment for comorbidities should be considered when potential benefits outweigh risks, with appropriate risk management, clinical monitoring, and oversight.
- When comorbidities can be effectively managed, standard-of-care interventions should be applied to enable safe participation of people living with HIV in non-HIV clinical trials.



7. Product development stage

- Eligibility criteria should consider the stage of development of the investigational product or intervention.
- In early-phase trials (Phase 1), where the primary focus is on safety, exclusion of people living with HIV may be justified.
- From Phase 2 onwards, people living with HIV should generally be considered eligible if they meet other relevant criteria.
- Regardless of development stage, people living with HIV should be engaged in research preparedness activities from an early stage (see R9).





8. Clinical design

- Exclusion may be justified initially, but phased or stepped inclusion should be considered.
- Flexible eligibility and innovative trial designs (staggered enrolment, stratification, subgroup analyses) can allow inclusion once safety is established.





9. Engaging with communities of people living with HIV

- Engage people living with HIV early in the clinical development process, even if early-phase inclusion is not feasible.
- Early engagement strengthens research relevance, acceptability, and effectiveness (aligned with MIPA principles).
- Foster collaboration between the HIV community, regulatory agencies, and trial sponsors throughout development.
- Emphasise inclusion benefits to sponsors to ensure products are safe and effective across broader populations.





10. Educate product developers and end-users

- Promote training and capacity-building for non-HIV researchers and healthcare professionals on comorbidities and HIV coexistence.
- Encourage and support the involvement of people living with HIV in non-HIV research.
- Empower all patients to advocate for participation in research that may improve their care.

