

## Dettaglio abstract

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**Title:** The fourth “95” is at reach

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### Session/Topic

Epidemiology / Social Sciences II

**Authors:** F. Maggiolo<sup>1</sup>, R. Teocchi<sup>1</sup>, P. Meli<sup>2</sup>, D. Valenti<sup>3</sup>, F. Radici<sup>4</sup>, I. Mercurio<sup>5</sup>, A.P. Callegaro<sup>1</sup>

**Affiliation:** 1ASST Papa Giovanni XXIII, 2Comunità Emmaus & Caritas Bergamasca, 3Associazione FROM, 4Arcigay Bergamo Cives, 5CRI-Comitato di Bergamo, Bergamo

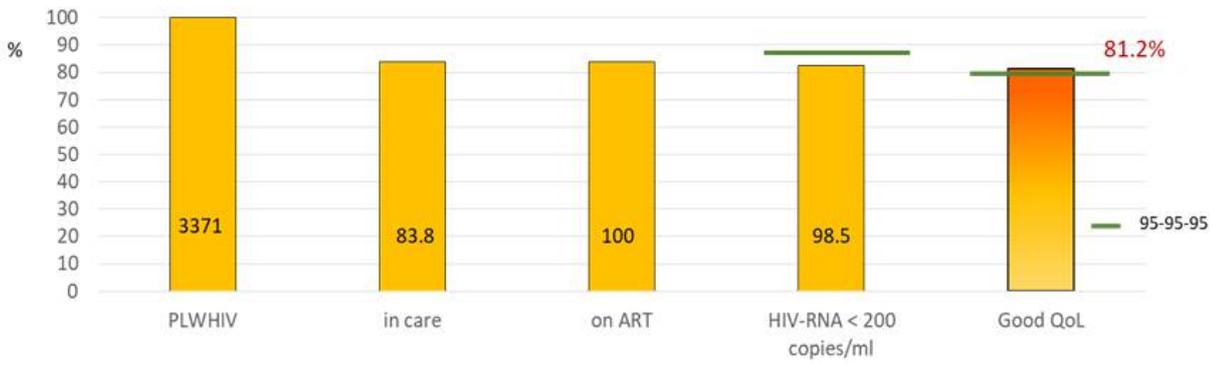
### Abstract

**Background:** Measuring progress towards the HIV care cascade allows to identify processes that should be improved to achieve UNAIDS 95-95-95. We focused our attention on the fourth “95”: health related quality of life (HRQoL).

**Methods:** We calculated the number of PLWHIV using the eCDC HIV modelling tool (version 1.3.0) that estimates the size of the undiagnosed population. Data on the diagnosed and treated populations were derived from the clinical database of the only Provincial Center authorized to treat HIV infection. Virologic response to cART was defined according to the last available HIV-RNA measure. HRQoL was assessed by EuroQol 5 Dimensions (EQ-5D) patient questionnaire using EQ-5D index score responses (scale - 0.594 to 1; worst to best health status). We defined as good an HRQoL status with an index score >0.75 that is no more than a modest discomfort in no more than 1 domain.

**Results:** At January 2021 patients actively followed at our Center were 2824. According to our calculations the total estimated number of PLWHIV was 3371 (figure). All diagnosed and alive subjects were actively taking cART and 98.5% of them had their last viral load 0.75% thus reaching the threshold for the UNAIDS fourth “95” goal. A severe discomfort was reported by no more than 3.1% of persons in the “usual activities”, “pain” and “anxiety/depression” domains, while 52.3% of people indicated a perfect status (index 1). HRQoL was significantly ( $P=0.037$ ) by age, but more significantly by the number of co-existing chronic diseases ( $P$

### Cascade of care: the fourth «95»



### HRQoL and number of chronic co-pathologies

