BACKGROUND AND IMPORTANCE
The premature ageing in HIV+ patients is estimated in 10 years. These patients suffer polimedication and more comorbidities than non-infected population at earlier stages, and therefore are at risk of potentially inappropriate prescriptions (PIPs).

AIM AND OBJECTIVES
To detect PIPs in patients with HIV by using a software and to compare those detected with the best clinical judgment by the pharmacist.

MATERIALS AND METHODS

COLLECTED DATA

- Sex, age, weight, height
- Antiretroviral treatment
- Reconciliation of domiciliary treatment
- Vaccines
- Laboratory tests (creatinine, glucose, etc.)
- Blood pressures
- Comorbidities

Who?
Patients with HIV ≥55 years

CheckTheMeds®

When?
11 March 2019 – 06 October 2019

Where?
Tertiary Universitary Hospital

4. Pharmacist revision

RESULTS

95 patients interviewed
76.8%
Mean age: 62 years

Initial STOPP-START criteria
234
(Before pharmacist revision)

Revised STOPP-START criteria
122
(After pharmacist revision)

Table 1. Most remarkable criteria

<table>
<thead>
<tr>
<th>Criteria</th>
<th>Initial criteria (N)</th>
<th>Revised criteria (N)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A1. Drug prescribed with no indication</td>
<td>103</td>
<td>20</td>
</tr>
<tr>
<td>D5. Benzodiazepines for ≥ 4 weeks</td>
<td>23</td>
<td>23</td>
</tr>
<tr>
<td>A3. Duplicate drug class prescription</td>
<td>12</td>
<td>12</td>
</tr>
<tr>
<td>J3. Beta-blockers in diabetes mellitus</td>
<td>6</td>
<td>0</td>
</tr>
<tr>
<td>E3. Vitamin D supplement in patients with known osteoporosis</td>
<td>25</td>
<td>25</td>
</tr>
<tr>
<td>F1. ACE inhibitor or Angiotensin Receptor Blocker in diabetes + renal disease</td>
<td>3</td>
<td>0</td>
</tr>
<tr>
<td>B1. Regular inhaled beta 2 agonist or antimuscarinic bronchodilator for mild to moderate asthma or COPD</td>
<td>5</td>
<td>0</td>
</tr>
</tbody>
</table>

CONCLUSIONS
A large proportion of patients with HIV ≥55 years have potentially inappropriate prescriptions, particularly drugs without an indication (A1-criteria) and nearly one third of the patients require calcium+vitaminD prescription (E3-criteria).
The pharmacist's role is essential to interpret the results of CheckTheMeds® and to identify the most appropriate interventions for each patient.