54 reports in databases

- 11 in PubMed
- 15 in Web of Science
 - 32 in BIREME
- 1 in Google Scholar

Excluded articles after title and abstract reading:

- 3 reviews
- 16 not directly related to clinical obesity management using an Al system
- 1 patent
- 4 study not with humans
- 15 duplicate

20 selected article to full-text reading

Excluded articles:

- 2 with Public health policies
- 12 not directly related to clinical obesity management using an Al system

7 selected article to analyze:

- Disse et al., 2017
- Saddek et al., 2012
 - Cruz et al., 2014
- Buttussi et al., 2008
- Valavanis et al., 2008
 - Sun et al., 2008
- Lopez-Meyer et al., 2010

Fig 1. Selection article process.