Potentially relevant references identified from literature searches (n = 327)

Studies with signal detection of ADRs as objective (n = 148)

Included studies (n = 79)

Excluded studies:
- Therapeutic drug monitoring studies of hospitalised patients (n = 27)
- No signal detection (n = 150)
- Interim analysis (n = 3)
- Titles in non-European languages (6)

Excluded studies:
- Non peer-reviewed articles (n = 9)
- Consumption studies (N = 6)
- Surveys (N = 5)
- Studies not focusing on signal detection (N = 40)
- Articles not available (N = 1)