**Table 1. Flow diagram of study selection**

**References identified (n=26,444)**

PubMed 877

Web of Science 25,514

Cochrane 53

**References excluded (n=26,295)**

Title and abstract that didn’t meet the inclusion criteria (Primary studies, English language, humans, PICOs, published in the last ten years), overlapping articles

**References excluded (n=110)**

At full text reading, articles not related to the issue or with not eligible outcomes

**Additional references (n=5)**

**n=149**

Primary studies investigating heavy metals levels in biological matrices in AD and not-AD subjects

**References included (n=44)**