Background

Data were extracted by one individual and validated by a second. Eight studies were quantitative,5–14 twelve qualitative,15–26 and six from 2017 onwards reporting novel quantitative or qualitative data on changes/subthemes, five novel criteria were identified (Figure 3).

Methods

MEDLINE, Embase, the Cochrane Library, PsycINFO, and the Health Technology Assessment (HTA) Database were searched in June 2022. SCC reference lists, the FDA website, and the following congresses (2019–2023) were hand-searched: HTA International, Drug Information Association Global Annual Meeting (DTI), Society for Digital Mental Health (SDM), AM, American Psychiatric Association (APA) AM, and Iranian Society of Clinical Pharmacoeconomics AM.

Results were assessed by two independent reviewers to identify studies from 2017 onwards reporting novel quantitative or qualitative data on theoretical or empirical factors for DMHT targeting and central nervous system (CNS) outcomes from US cancer, payer, and employer perspectives.

Data were extracted by one individual and validated by a second. Quality assessments were conducted using the Critical Appraisal Skills Programme radon (CASP) (Figure 1).

Moreover, data were extracted and mapped by two independent reviewers onto the adapted framework using Docear, a mind-map software, and novel themes, subthemes, and criteria were inductively added to the framework post hoc.

Results

Of 6,223 records screened, data from 26 studies were included (Figure 2).

- Eight studies were quantitative,5–14 twelve qualitative,15–26 and six from 2017 onwards reporting novel quantitative or qualitative data on changes/subthemes, five novel criteria were identified (Figure 3).
- Of 4,353 records screened, data from 26 studies were included (Figure 2). Of the 27 searches, n=0 searches identified supplementary searches, n=134 additional studies, n=0 publication to an already included study.

Conclusion

In a novel finding, some users were concerned about confidentiality and DMHT privacy and accessibility, cost, and data piracy.

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