

APPENDIX I

Graphic Medicine Scoping Review Searches and Criteria

PubMed

(comix OR comic OR comics OR cartoon OR cartoons OR manga OR “visual narrative” OR “visual narratives” OR “sequential art” OR graphic narrative OR graphic narratives OR “graphic medicine” OR “comic book” OR “comic books” OR “graphic novel” OR “graphic novels” OR photonovel OR photonovels) OR "Caricatures as Topic"[Mesh]

Reasoning: Caricatures as Topic is the only Mesh heading that makes sense for comics in medicine at this point – the lower term, Cartoons as Topic does not accurately capture all relevant citations. The keywords represent all possible known computations of “comic” (inclusion of “webcomic”, “sequential narrative/s”, “fotonovel/s” has no impact on search result and was thus excluded – the terms do not exist in PubMed). No non-English names for comics were included in the search, save for manga, as they resulted in no results. **No limiters.**

Results on 1/3/17: 2,664

SCOPUS (/Embase)

{graphic medicine} 21 this is an EMTREE heading BUT does not appear in some papers specifically on topic

Graphic medicine 941

Comic* (limited to “Medicine”) 596

TITLE-ABS-KEY (({graphic medicine} OR (graphic AND medicine)) OR ({graphic novel} OR (graphic AND novel)) OR (photonovel OR fotonovel) OR comic*) 13,799

TITLE-ABS-KEY (({graphic medicine} OR (graphic AND medicine)) OR ({graphic novel} OR (graphic AND novel)) OR (photonovel OR fotonovel) OR comic*) AND (LIMIT-TO (SUBJAREA , "MEDI")) 1,601
adding AND NOT Comic (au) makes no difference)

Results on 1/3/17: 1,601

CINAHL

(comix OR comic OR comics OR cartoon OR cartoons OR manga OR “visual narrative” OR “visual narratives” OR “sequential art” OR “sequential narrative” OR “sequential narratives” OR graphic narrative OR graphic narratives OR “graphic medicine” OR “comic book” OR “comic books” OR “graphic novel” OR “graphic novels” OR photonovel OR photonovels)

Reasoning: There are no thesaurus terms that fit comics in CINAHL. Thus, this search is primarily the keywords used in PubMed, with the addition of sequential narrative, as it does exist within CINAHL unlike PubMed. The keywords represent all possible known computations of “comic” (inclusion of “webcomic”, “fotonovel/s” has no impact on search result and was thus excluded – the terms do not exist in CINAHL). No non-English names for comics were included in the search, save for manga, as they resulted in no results. **No limiters.**

Results on 1/3/17: 496

ERIC

(comix OR comic OR comics OR cartoon OR cartoons OR manga OR “visual narrative” OR “visual narratives” OR “sequential art” OR “sequential narrative” OR “sequential narratives” OR graphic narrative OR graphic narratives OR “graphic medicine” OR “comic book” OR “comic books” OR “graphic novel” OR “graphic novels” OR photonovel OR photonovels) AND (medic* OR health* OR psych* OR nurs*)

Reasoning: The thesaurus for ERIC is not intended for searching medical topics and each attempt to use it resulted in either too few items or a huge number of irrelevant ones – using the “and” of the major medical fields, plus health, seems to net the best results. The same keywords for CINAHL are used here for the same reasons. **No Limiters**

Results on 1/3/17: 427

Web of Science

((comix OR comic OR comics OR cartoon OR cartoons OR manga OR “visual narrative” OR “visual narratives” OR “sequential art” OR “sequential narrative” OR “sequential narratives” OR graphic narrative OR graphic narratives OR “graphic medicine” OR “comic book” OR “comic books” OR “graphic novel” OR “graphic novels” OR photonovel OR photonovels) AND (medic* OR health* OR psych* OR nurs*))

Reasoning: Web of Science Core Collection is such a huge and varied collection that this search, the same used in ERIC, is appropriate here. Other searches were either too large (without the health categories) or too narrow (attempts to limit to just comic* missed numerous citations). **No Limiters**

Results on 1/3/17: 903

Google Scholar

(medicine OR health) AND (comic OR comics OR "graphic novel" OR "graphic novels" OR "graphic medicine")

Reasoning: Google Scholar is a valuable resource for finding important grey literature (with disagreement about how far into the results is worth the time), but it does not allow particularly complex search strings – limited to just one major Boolean operator and cuts off keywords after a certain length. This search string captures the spirit of the study as best as possible.