Table 1: Ovid MEDLINE(R) ALL search strategy.

|  |  |  |
| --- | --- | --- |
| **#** | **Searches** | **Results** |
| 1 | (”large language model\*” or LLMs or ”BERT” or ”transformer model\*” or ChatGPT or GPT-4 or LLaMA or ”Google Bard” or ”Google Gemini” or ”Anthropic Claude” or ”Microsoft Copilot”).tw. | 9048 |
| 2 | (educat\* or empower\* or aware\*).tw. | 1114263 |
| 3 | patient\*.tw. | 8620077 |
| 4 | 1 and 2 and 3 | 549 |
| 5 | limit 4 to (english language and yr=”2020 - Sep 2024”) | 541 |

Table 2: Embase search strategy.

|  |  |  |
| --- | --- | --- |
| **#** | **Searches** | **Results** |
| 1 | (”large language model\*” or LLMs or ”BERT” or ”transformer model\*” or ChatGPT or GPT-4 or  LLaMA or ”Google Bard” or ”Google Gemini” or ”Anthropic Claude” or ”Microsoft Copilot”).tw. | 9294 |
| 2 | educat\* or empower\* or aware\*.tw. | 1491890 |
| 3 | patient\*.tw. | 12707211 |
| 4 | 1 and 2 and 3 | 588 |
| 5 | limit 4 to english language and yr=”2020 - Sep 2024” | 566 |
| 6 | limit 5 to ”remove medline records” | 238 |

Table 3: Search strategy for Scopus, APA PsycInfo, and CINAHL.

|  |  |  |
| --- | --- | --- |
| **Database** | **Query** | **Results** |
| **Scopus** | ( TITLE-ABS-KEY ( ”large language model\*” OR llms OR ”BERT” OR ”transformer model\*” OR chatgpt OR gpt-4 OR llama OR ”Google Bard” OR  ”Google Gemini” OR ”Anthropic Claude” OR ”Microsoft Copilot” ) AND TITLE-ABS-KEY  ( educat\* OR empower\* OR aware\* ) AND  TITLE-ABS-KEY ( patient\* ) ) AND  PUBYEAR *>*2019 AND PUBYEAR *<*Sep 2024 AND  ( LIMIT-TO ( LANGUAGE , ”English” ) ) | 911 |
| **APA PsycInfo** | (”large language model\*” OR LLMs OR ”BERT” OR ”transformer model\*” OR ChatGPT OR GPT-4 OR  LLaMA OR ”Google Bard” OR ”Google Gemini” OR  ”Anthropic Claude”OR ”Microsoft Copilot”) AND  (educat\* OR empower\* OR aware\*) AND patient\*  Limiters - Date Published: 20200101-20240929  Narrow by Language: - english | 30 |
| **CINAHL** | (”large language model\*” OR LLMs OR ”BERT” OR ”transformer model\*” OR ChatGPT OR GPT-4 OR  LLaMA OR ”Google Bard” OR ”Google Gemini” OR  ”Anthropic Claude” OR ”Microsoft Copilot”) AND  (educat\* OR empower\* OR aware\*) AND patient\*  Limiters - Date Published: 20200101-20240929  Narrow by Language: - English | 115 |