CONCLUSION

JOMI offers an intuitive interface, excellent video production values, and detailed educational content, with no installation or maintenance requirements. The focus on providing high-quality, full-length content makes *JOMI* stand out among other surgical video resources such as Surgery Theater and WebSurg, which feature shorter videos with comparatively lower production quality. *JOMI*'s video-article format and extensive supplemental educational and practice-based materials differentiate the journal from free surgical video resources like Surgery Theater and VuMedi that do not include detailed, text-based content. However, at present the content is limited, with only 34 video-articles, 62% of which are in orthopedics. Overall, *JOMI* provides high-quality content in the limited disciplines covered.

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INTRODUCTION

PROQOLID is a research instruments database with records on over 900 instruments, the majority of which are surveys. The resource was created in 2002 by the Mapi Research Trust, a nonprofit organization with a mission to facilitate access to information and tools to promote patient-centered outcomes in the health care research community worldwide. The focus of the database is research instruments for clinical outcome assessments (COAs), which "measure a patient's symptoms, overall mental state, or the effects of a disease or condition on how the patient functions" [1]. A significant portion of PROQOLID's content focuses on patient-centered outcomes, such as health care–related quality of life surveys. Examples include the Alzheimer's Disease-Related Quality of Life (ADRQL) and Diabetes Quality of Life (DQOL) surveys.

CONTENT

PROQOLID specifies that to be eligible for inclusion in the database, a tool must meet the following criteria:

- "A publication that describes its development and/or validation
- A clearly identified copyright holder
- A master version of the questionnaire in UK or US English available from the copyright holders/developers/distributors (that could be provided to potential users upon request)" [2]

The database offers comprehensive, detailed information on each instrument, including the purpose of the instrument, author information, mode of administration, and citations to validating studies. Most records include additional helpful information such as reliability and validity, available languages, and time required for completion.

COMPARISON

PROQOLID contains a few features that distinguish it from other research instruments databases such as Health & Psychosocial Instruments (HAPI) and PsycTESTS. Though PROQOLID cannot be considered an appropriate substitute for either of these tools, because its scope is significantly narrower, the comparison can still be instructive given that there is some degree of overlap in both the content and the purposes of all three tools.

Over 75% of PROQOLID records contain a complete review copy of the instrument, rather than a few sample questions, as is often the case in other instrument databases. Another major strong point is that the majority of PROQOLID records contain contacts and conditions of use. Often when searching for validated survey tools in HAPI or PsycTESTS, one discovers a tool that fits one's needs, only to find that the database contains insufficient information on how to obtain licensed copies of the instrument or whether a license is even necessary. One additional advantage of PROQOLID is that information regarding all translations of the same tool is contained in one database record. This contrasts with HAPI in particular, in which there is a separate record (in some cases more than one record) for each translation. To use a specific example, a search for the Ways of Coping Questionnaire yields 1 result in PROQOLID and 205 results in HAPI.

In terms of breadth of content, HAPI and PyscTESTS cover instruments across the entire psychological and behavioral spectrum. Their content is not limited to COA-related instruments, as PROQOLID's is, and they dwarf PROQOLID in terms of content

volume. PyscTESTS for example has nearly 30,000 records as opposed to PRQOLID's more than 900.

Although PROQOLID is more limited in scope and content, the quality of PROQOLID records seems to far exceed that of other validated research instrument databases.

BROWSING AND SEARCHING

Users can browse by pathology, population, and author's name. There is also a "Generic Instruments" browse option available for instruments that are not disease-specific, such as the fifteen-dimensional health-related quality of life measure (15D) and the Burden of Treatment Questionnaire (TBQ). Users can also browse an alphabetical list of all available instruments.

Because there is not an overwhelming amount of content in the database, a simple keyword search is usually sufficient. The database also offers some nice-to-have advanced search features, such as the ability to identify instruments available in a specific language and the ability to search for instruments that use a specific mode of data collection (pen and paper, computer administered, etc.). Users can also search for instruments appropriate for a specific population. Available population options include not only age groups and genders, but additional options such as caregivers and terminally ill patients.

LICENSING AND ACCESS

PROQOLID does not offer a free trial period but does offer webinars to those who are interested in obtaining more information prior to subscribing.

Presumably because PROQOLID's parent organization, Mapi Research Trust, is a nonprofit organization, their pricing information is freely available on the web in the Mapi Research Trust Online Store. Different subscription rates are available for hospitals and academic institutions, regulatory agencies, and commercial entities. Because Mapi Research Trust is a French organization, their pricing structure is in euros rather than dollars; however, they accept credit card payment and offer billing through subscription agents such as EBSCO Information Services.

The only available access option for this database is username and password. Internet protocol authentication and other access mechanisms are not supported.

OVERALL ASSESSMENT

PROQOLID provides a simple, user-friendly interface and comprehensive information on the instruments it covers. The database's major Achilles heel is its limited content.

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PubMed2XL (version 2.01). Nitin Arora. http://blog.humaneguitarist.org/projects/pubmed2xl/; free open-source tool for Windows and Linux operating systems.

PURPOSE

PubMed records contain descriptive metadata such as author, abstract, subject headings, and grant numbers. Getting the metadata into a spreadsheet program like Microsoft Excel or Open Office Calc allows users to sort, filter, and transform the data for new purposes. Once the data are in a spreadsheet, bibliometric analysis is possible, as is creating charts and figures. Combining the spreadsheet with a word processor mail merge function enables a bibliography to be quickly generated. Despite the benefits of having PubMed metadata in a spreadsheet, PubMed's built-in spreadsheet functionality—the comma separated value (CSV) download—is severely lacking. Thankfully, an open-source tool called PubMed2XL meets this needed functionality.

DESCRIPTION

PubMed2XL is a Windows or Linux application that converts PubMed extensible markup language (XML) into Microsoft Excel or OpenDocument spreadsheets [1]. The program is freely available under an MIT license [2]. PubMed2XL uses the Python programming language and converts