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Using a Citation Manager to Add Levels of Evidence to a Literature Search Results Template

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Using a Citation Manager to Add Levels of Evidence to a Literature Search Results Template

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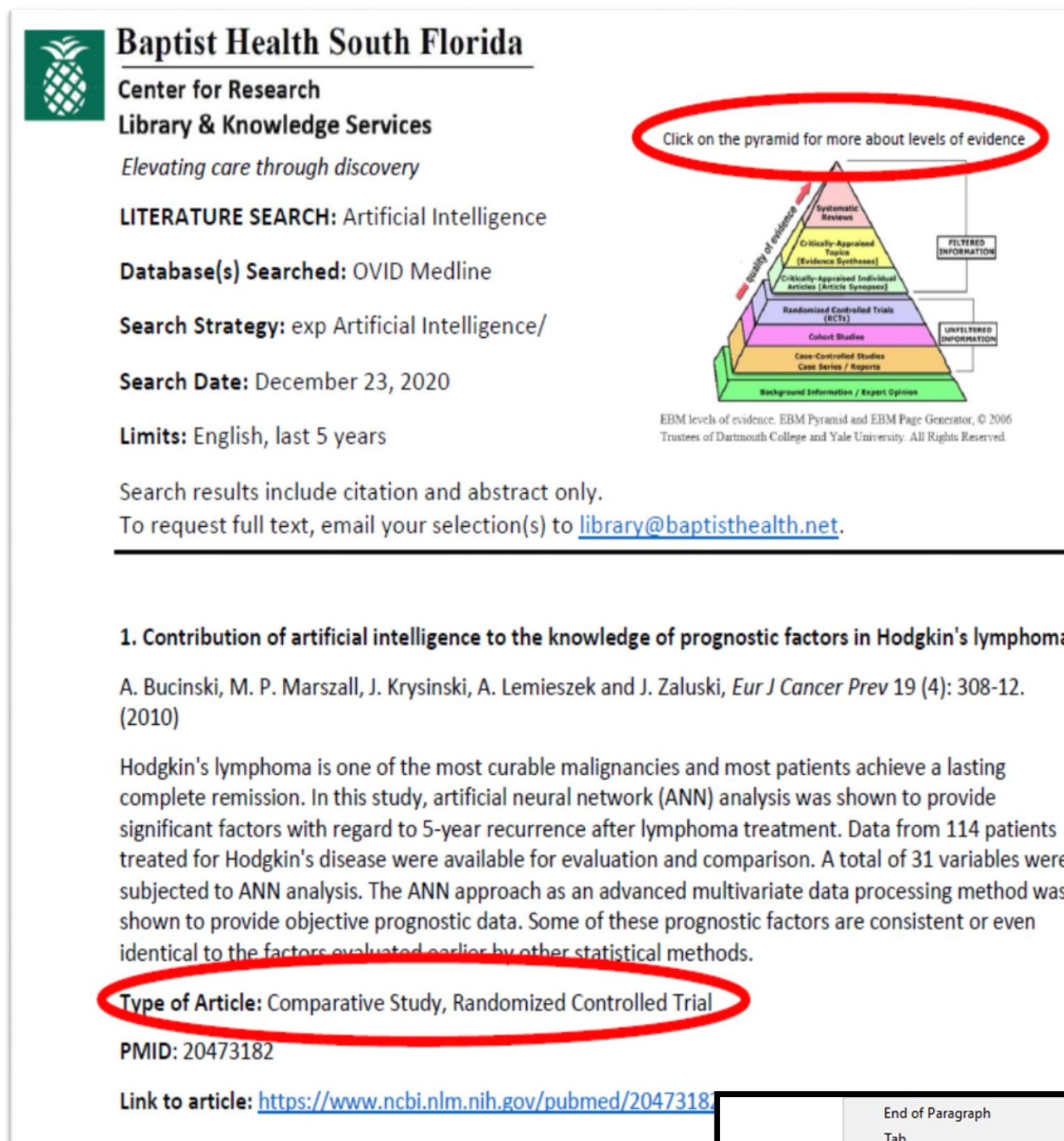
Background

The Magnet Recognition Program of the American Nurses Credentialing Center (ANCC) incentivizes nurses to apply research that improves patient care, safety, and costs. Selecting the highest levels of evidence for a research study is crucial part of translating them into practice. The higher levels of evidence are based on rigor, population size, validity, and randomization. The librarians at Baptist Health South Florida supported their institution's Magnet Recognition by adding a Type of Article field to the search results template. The EBM pyramid and EBM page generator by the Dartmouth College and Yale University was also included in the existing form to add understanding between different levels of evidence.

Methods of Implementation

How we created our new Endnote Output Style :

- Open Endnote > Edit > Output Styles > New Style > Bibliography > Templates > Reference Type (upper left drop-down) > Journal Article > Insert Field (Right upper drop-down menu) >
- **Title** (make this bold) > hit enter
- Insert Field > Author, Journal Volume (Issue): Pages. (Year) > hit enter
- Insert Field > Abstract > hit enter
- Insert Field > **Type of Article:** (bold with grave accent and colon) > Insert Field > Link Adjacent Text > Insert Field > Type of Article > hit enter
- **PMID:** (typed in manually, bold with grave accent and colon) > Insert Field > Link Adjacent Text > Insert Field > Accession Number > hit enter
- **Link to article:** (typed in manually, bold with grave accent and colon) > Insert Field > Link Adjacent Text > Insert Field > URL



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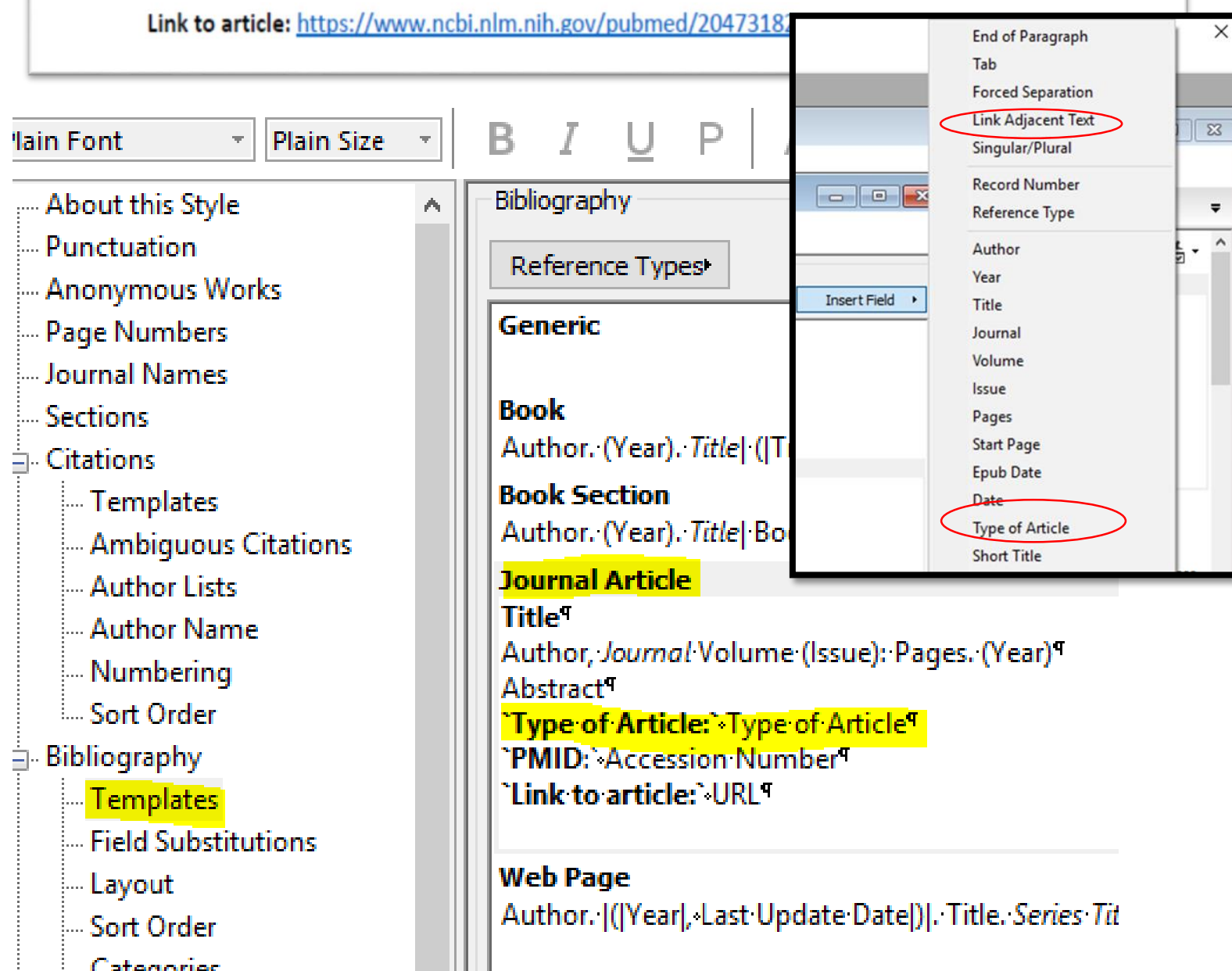
LITERATURE SEARCH: Artificial Intelligence
Database(s) Searched: OVID Medline
Search Strategy: exp Artificial Intelligence/
Search Date: December 23, 2020
Limits: English, last 5 years

Search results include citation and abstract only.
To request full text, email your selection(s) to library@baptisthealth.net.

1. **Contribution of artificial intelligence to the knowledge of prognostic factors in Hodgkin's lymphoma**
A. Bucinski, M. P. Marszall, J. Kryszynski, A. Lemieszek and J. Zaluski, *Eur J Cancer Prev* 19 (4): 308-12. (2010)

Hodgkin's lymphoma is one of the most curable malignancies and most patients achieve a lasting complete remission. In this study, artificial neural network (ANN) analysis was shown to provide significant factors with regard to 5-year recurrence after lymphoma treatment. Data from 114 patients treated for Hodgkin's disease were available for evaluation and comparison. A total of 31 variables were subjected to ANN analysis. The ANN approach as an advanced multivariate data processing method was shown to provide objective prognostic data. Some of these prognostic factors are consistent or even identical to the factors evaluated earlier by other statistical methods.

Type of Article: Comparative Study, Randomized Controlled Trial
PMID: 20473182
Link to article: <https://www.ncbi.nlm.nih.gov/pubmed/20473182>



Main Font: Plain Size

Bibliography

Reference Types*

Generic

Book
Author: (Year). Title: (T

Book Section
Author: (Year). Title: Bo

Journal Article
Title[¶]
Author: Journal: Volume: (Issue): Pages. (Year)[¶]
Abstract[¶]
Type of Article: Type of Article[¶]
PMID: Accession Number[¶]
Link to article: URL[¶]

Web Page
Author: [(Year), Last-Update-Date]. Title: Series: Tit

NOTES:

- Scopus and OVID Medline "Publication Type" file information landed correctly into the "Type of Article" field.
- PubMed required import option "MEDLINE (OVID SP)."
- CINAHL needed the file be exported to "Generic bibliographic management software," and downloaded with the import option, "CINAHL (EBSCO)."
- Another option was copying and pasting from the notes field to the "Type of Article" field in the Reference Panel.

Outcomes

The new process added about eight minutes to prepare a results list of twenty-five references. The librarians considered that the benefit to our patrons outweighed the additional processing time. This success led us to apply the same output style to the Excel Search Results Template for systematic reviews. A REDCap survey to evaluate our patrons' satisfaction with the new format will be distributed to all our search requestors. Providing the type of article on our form, promotes information literacy and passive learning on EBP.

References

1. Glover, Jan, David Izzo, Karen Odatto, and Lei Wang. *EBM Pyramid and EBM Page Generator*. Trustees of Dartmouth College and Yale University, 2006