

Optional Feature

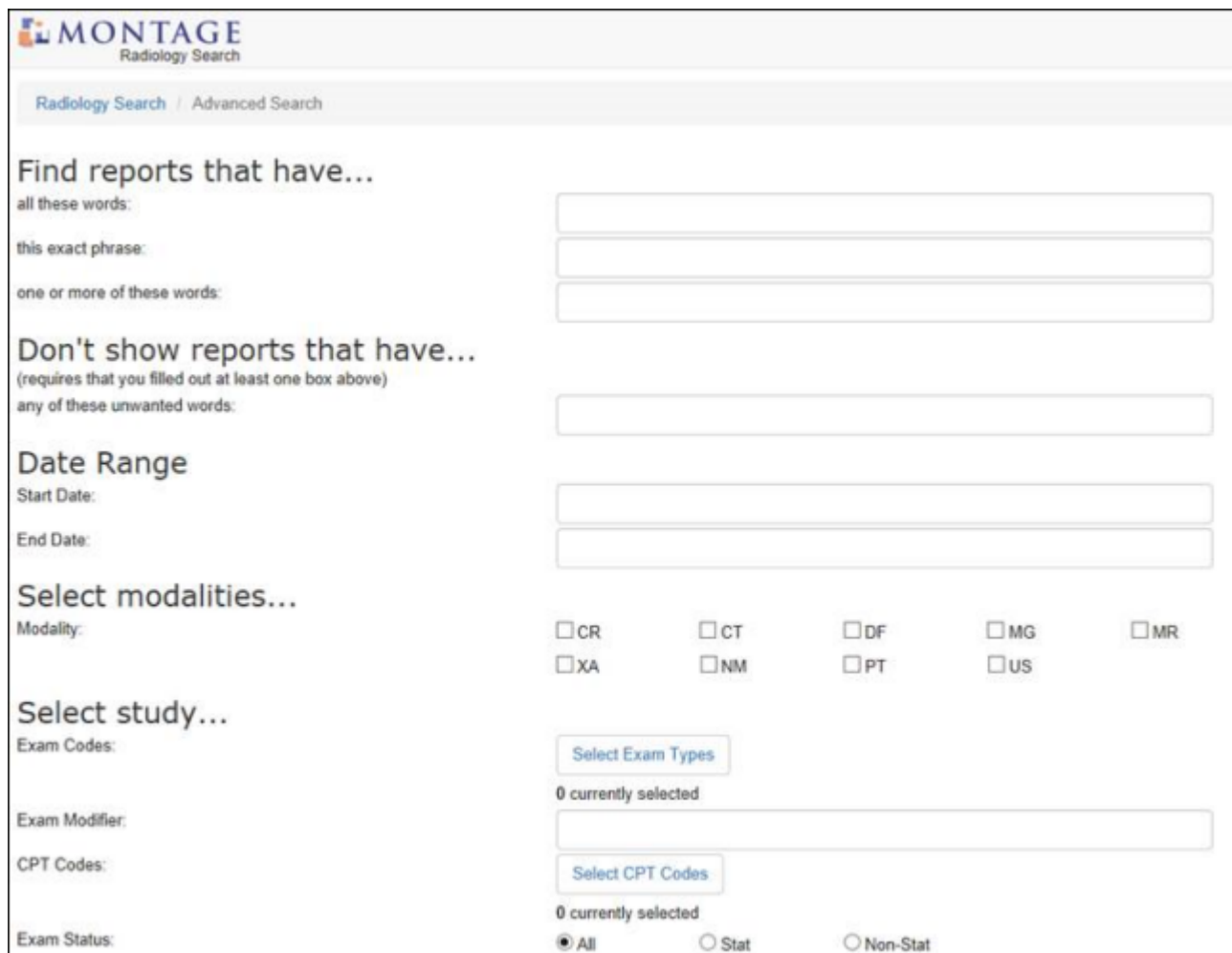
Product: PowerScribe 360 | Reporting
Version: 3.0 and higher
Subject: Montage Boolean Search Syntax

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Using Advanced Search

The Montage Advanced Search hides some of the complexity of using the Boolean Search Syntax. But if there are queries that you cannot perform with the Advanced Search page, the Boolean Search Syntax exposes the full power of the Montage Search Engine.

The Advanced Search page allows you to build complex queries without having to know Boolean search syntax. The following illustrations show a couple of examples:



The screenshot shows the 'Advanced Search' page in the Montage Radiology Search application. The page is titled 'Find reports that have...' and includes several search criteria sections:

- Find reports that have...**
 - all these words: [text input]
 - this exact phrase: [text input]
 - one or more of these words: [text input]
- Don't show reports that have...** (requires that you filled out at least one box above)
 - any of these unwanted words: [text input]
- Date Range**
 - Start Date: [text input]
 - End Date: [text input]
- Select modalities...**
 - Modality: CR CT DF MG MR XA NM PT US
- Select study...**
 - Exam Codes: [Select Exam Types] button, 0 currently selected
 - Exam Modifier: [text input]
 - CPT Codes: [Select CPT Codes] button, 0 currently selected
 - Exam Status: All Stat Non-Stat

Optional Feature

You can include text that you want Montage to search, as well as text that you want Montage to ignore (**Don't show reports that have . . .**). You can select multiple modalities, as well as exam codes, CPT codes, or the exam status.

The screenshot displays the Montage search interface with the following sections and controls:

- Select organizations...:** Organization: [Select Organizations button] 0 currently selected
- Point of Care:** [Select Points of Care button] 0 currently selected
- Patient...:**
 - Sex: Any Sex Male Female
 - Age: [Age range slider] Years Months [RadLex Life Stages dropdown]
 - Status: Emergency Inpatient Outpatient
- Ordered by...:** Provider: [Select Provider button] 0 currently selected
- Reported by...:** Provider: [Select Provider button] 0 currently selected

You can also select the organization, patient age, sex, and status; who ordered the study; and who reported on the study.

Using Montage Boolean Search

The Advanced Search page allows you to build complex queries without having to know the actual Boolean search syntax. However, there may be cases where you will need to build a complicated query. You can enter the Boolean operators directly into the search box.

AND operator (&)

By default, Montage will search reports that contain all words typed in the search window. Using the AND operator, which is the ampersand character (&), makes it more explicit. In this example, results will include reports that contain both **moderate** and **cardiomegaly**.

moderate & cardiomegaly

OR operator (|)

Using the OR operator, which is the vertical bar (pipe) character (|), Montage will search reports that contain one word or the other. In this example, results will include reports that contain either **asthma** or **pneumonia**.

asthma | pneumonia

NOT operator (-)

Using the NOT operator, which is the dash character (-), Montage will exclude reports that contain a specific word. In this example, results will include reports that contain **pneumothorax** but exclude reports that have **tension**.

pneumothorax -tension

Exact Phrase

Using quotation marks (“ ”), Montage will search reports that contain an exact phrase. In this example, results will include reports with **moderate cardiomegaly** as an exact phrase (not just **moderate** and **cardiomegaly**).

“moderate cardiomegaly”

Grouping

Using parentheses (), Montage can group multiple operations. In this example, results will include reports with **pneumothorax** and **tension** but exclude reports that have **endotracheal tube**.

pneumothorax & tension -(endotracheal tube)

Proximity Searching

Using the tilde character (~), Montage will search reports that contain a word or phrase that occurs within a specified number of words. In this example, results will include reports where **catheter** occurs within 5 words of **internal**.

“internal catheter”~5

Exact Form

Using the equal sign character (=), Montage will search reports that contain the exact word form. In this example, results will include reports with **tumors** (but not **tumor**).

=tumors

Limiting Search Results to a Particular Section

Using the **at** character (@), Montage will search reports within a particular section of each report. In this example, results will include reports with **pneumothorax** only in the **impression** section.

@impression pneumothorax

Any Boolean Syntax is Permitted Inside the Field Limit

Using a combination of Boolean syntaxes provides more explicit searches. In this example, results will include reports with **tension** and **pneumothorax**, but not **endotracheal tube** only in the **impression** section.

@impression tension & pneumothorax -(endotracheal tube)