QC Tool Support Scope   
NBIA 5.2

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Document Approvals

The list contains the name and contact information for the core project team and any key stakeholders who have an interest in the success of the project. An “S” identifies persons responsible for approval from the stakeholder groups. Sign off of the document would be required when a decision is made not to take action for defined gaps.

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Revision History

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# Introduction

The purpose of this document is to describe the scope for the tasks related to the support Improvement QC Tool in NBIA applications.

# Objectives

There are three objectives for this feature:

#### Add columns for modality and description in search result.

#### Add Dynamic Search into QC Tool.

#### Improve DICOM Tag Viewer to support DICOM sequence

#### Improve Cine Tool to support multi-frames in ultrasound modality.

# Out of Scope

# Deliverables

* QC Tool search result will have columns for modality and description.
* Ability to build search criteria based on DICOM attributes from within the QC tool
* Display DICOM sequences.
* QC Tool that support ultrasound DICOM files for multi-frame viewing.

# Risks

The NBIA team does not have the subject matter expertise to come up with a set of useful search criteria for DICOM attributes for image and to map the specific DICOM tag to the set of predefined search criteria. This means that the schedule is dependent upon external resources that the NBIA team doesn’t “control”. These resources include:

* End users who help to define the set of search criteria.
* A specialized and familiar person with the DICOM tag.

# High-level Requirements

#### 1. Searching and Retrieval (webapp- QC Tool)

#### 1.1. A user shall be able to build a search criteria based on DICOM attributes.

#### 1.2. A user shall only be able to retrieve and view associated info of sequence that he is authorized to READ.

#### 1.3. A user shall only be able to retrieve and view associated info of modality and description that he is authorized to READ.

#### 1.4. A user shall be able to view multi-frame ultrasound image in a slide show.