

NBIA 6.0 release announcement


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The NBIA team is pleased to announce the release of version 6.0 of the [National Biomedical Imaging Archive \(NBIA\)](#). This release significantly improves the user interface and simple and advanced search, and adds text search capability, shared list improvements, annotation exports, a new REST API, as well as bug fixes to the QC Tool.

Simple Search


The NBIA Simple Search interface has been redesigned to provide rapid access to the most used criteria and functionality such as "add to basket." The search now provides instant access to search results.



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National Biomedical Imaging Archive

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SIMPLE SEARCH 

Add all found to 

Results Per Page 20 ▼

Collection(s)





















- ☐ CT Colonography
- ☐ LIDC
- ☐ NCRI
- ☒ Phantom
- ☐ Phantom-FDA
- ☐ Project

Image Modality(ies)

- ☐ CR
- ☐ CT
- ☐ DX
- ☐ HC
- ☐ HISTOPATHOLOGY
- ☐ MR
- ☐ PR

Anatomical Site

- ☐ ABDOMEN
- ☐ BRAIN
- ☐ BREAST
- ☐ CHEST
- ☐ HAND
- ☐ HEAD
- ☐ KNEE
- ☐ LUNG

Collection ID	Subject ID	Matched Studies	Total Studies	Matched Series	Total Series	
Phantom	SNMCB04	1	1	3	3	
Phantom	SNMCB05	1	1	3	3	
Phantom	SNMCB06	1	1	3	3	
Phantom	SNMCB07	1	1	3	3	
Phantom	SNMCB08	1	1	3	3	
Phantom	SNMCB09	1	1	3	3	
Phantom	SNMCB10	1	1	3	3	
Phantom	SNMCB11	1	1	3	3	
Phantom	SNMCB12	1	1	3	3	
Phantom	SNMCB13	1	1	3	3	
Phantom	SNMCB14	1	1	3	3	
Phantom	SNMCB15	1	1	3	3	
Phantom	SNMCB16	1	1	3	3	
Phantom	SNMCB17	1	1	3	3	
Phantom	SNMCB18	1	1	3	3	
Phantom	SNMCB19	1	1	3	3	
Phantom	SNMCB20	1	1	3	3	
Phantom	SNMcb01	1	1	3	3	
Phantom	SNMcb02	1	1	3	3	
Phantom	SNMcb03	1	1	3	3	

20 patients found, displaying Page 1 / 1.

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Advanced Search

The Advanced Search now makes it easier to quickly add, modify, and delete criteria. It provides instant results.

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ADVANCED SEARCH ?

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Match ☒ ALL ☐ ANY Criteria

Criteria
--Please Select--
--Please Select--
--Please Select--

RESET

CRITERIA SELECTED
Criteria Record
Anatomical Site equals BRAIN

Collection ID	Subject ID	Matched Studies	Total Studies	Matched Series	Total Series	
VASARI	900-00-5412	1	2	8	18	

1 patients found, displaying Page 1 / 1.

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Text Search

Powered by the addition of Apache Solr to NBIA, the user interface now allows complete searching across the database fields, DICOM files, and annotation files from a single Google-like interface.

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TEXT SEARCH ?

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SUBMIT


Collection ID	Subject ID	Hit	Total Studies	Total Series	
VASARI	HF1652	LT. TEMPORAL GLIOMA	3	23	

1 patients found, displaying Page 1 / 1.


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Shared List

The Administrator can delete the shared list that any users creates and send a notification email to the list creator. Non-administrator users can now delete shared lists that they create.



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My Data Basket 

Note: Please disable popup blockers before initiating download. In order to use the Download Manager, a JRE must be installed on the client machine. To download the JRE, click [here](#).

☒ Include annotation files in the download?

[Download All Items](#) | [Download Manager](#) | [Export Series ID](#) | [Export Image Metadata](#) | [Visualize Images](#)

[Empty Data Basket](#)

View	Subject ID 	Study UID	Study Date	Study Description	Series ID	Series Description	Number of Images	File Size	Annotation File Size	Remove
	RIDER-1332496276	....46214132	01-28-2007		....45089432		249	131.0	N/A	
	RIDER-1286684383	....31885682	02-26-2007		....78560209		265	139.4	N/A	
	RIDER-1286684383	....31885682	02-26-2007		....40045297		269	141.5	N/A	
	RIDER-1129164940	....01196508	09-20-2006		....73808100		213	112.1	N/A	
	RIDER-1129164940	....01196508	09-20-2006		....72724533		236	124.2	N/A	
	RIDER-1225316081	....71456138	01-30-2007		....84490295		233	122.5	N/A	
	RIDER-1332496276	....46214132	01-28-2007		....74691733		261	137.3	N/A	
	RIDER-1225316081	....71456138	01-30-2007		....23747874		237	124.7	N/A	

Estimated download time T1(1.5 Mbps) for all files: 18 minute(s)
Estimated download time DSL(256 Kbps) for all files: 3 hour(s), 12 minute(s)

Total Image Size: 1.033 GB

Total Annotation Size: 0 MB

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getPatientStudy	Set of patient/study objects filtered by query keys	CSV	collection (O)	modality (O)	body_part (O)	manufacturer (O)	patient_id (O)	study_instance_uid (O)
getModalityValues	Set of all modality values (CT, MR, etc.) filtered by query keys	CSV	collection (O)	modality (O)	body_part (O)	manufacturer (O)		
getManufacturerValues	Set of all manufacturer names filtered by query keys	CSV	collection (O)	modality (O)	body_part (O)	manufacturer (O)		
getImages	Set of images in a zip file	ZIP	series_instance_uid (R)					
getCollectionValues	Set of all collection names	CSV	collection (O)	modality (O)	body_part (O)	manufacturer (O)		
getBodyPartValues	Set of all body part names filtered by query keys	CSV	collection (O)	modality (O)	body_part (O)	manufacturer (O)		

Section 508 Compliance

NBIA has improved its compliance with Section 508, increasing accessibility to the application for people with disabilities.

Documentation and Support

Detailed [release notes](#) and a [user's guide](#) are available.

For groups interested in installing NBIA 6.0 locally, consult the [NBIA 6.0 Installation Guide](#).

Getting Support

- Email: NCIAppSupport@nih.gov
- Call: 240-276-5541