

NBIA 6.3 Release Announcement

Contents of this Page

- [Improved DICOM Support](#)
- [CTP](#)
- [Search Improvements](#)
- [Submitting Searches from External Web Pages](#)
- [Removal of Saved Queries](#)
- [Oviyam Viewer at the Series Level in QC tool](#)
- [Documentation and Support](#)

The NBIA team is pleased to announce the release of version 6.3 of the [National Biomedical Imaging Archive \(NBIA\)](#). This release provides the following features and enhancements:

- Updates and improves multi-framed and modality DICOM support
- Provides integration with the latest version of CTP
- Improves the search function
- Adds support to submit searches via external web pages
- Allows removal of saved queries by administrators
- Implements the Oviyam Viewer at the series level in the QC tool
- Provides additional bug fixes and minor enhancements

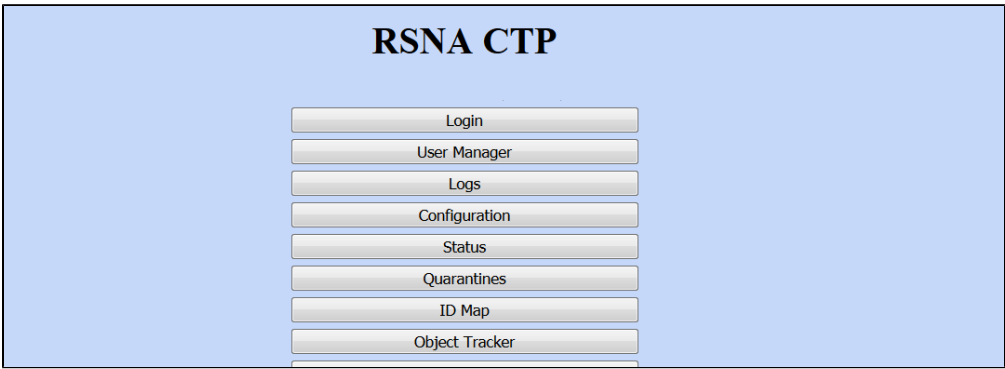
Improved DICOM Support

The database adapter has been improved to allow the submission of additional DICOM objects:

- The adapter uses SOPClassUID to determine requirements so that secondary capture images that are of MR modality can be submitted.
- The adapter can successfully handle enhanced multi-framed MR images.

CTP

In order to help improve DICOM submission, CTP has been upgraded to the latest version.



Search Improvements

Simple search has been updated to provide searching on manufacturer and baseline +x. The any and all selection has been created for modality and pull-down menus have been implemented to save space.

NBIA National Biomedical Imaging Archive

Home | Search Images | Manage Data Basket | Tools | Admin | User's Guide | Logout | gustafsl

Simple Search

Results Per Page: 20

Collection(s):

- ☐ CT Colonography
- ☐ FDG-PET Lymphoma
- ☐ GBM Avastin
- ☐ GBM Rembrandt
- ☐ Head/Neck

Image Modality(ies):

Return cases that include:

ALL ☒ ANY Modality

☐ CR

☐ CT

Anatomical Site:

- ☐ ABDOMEN
- ☐ BRAIN
- ☐ BREAST
- ☐ CHEST
- ☐ HEAD

Manufacturer Model(s):

- ☒ All Manufacturers (25)
- ☐ CMS, Inc. (1)
- ☐ CPS (2)
- ☐ DeJemette Reson

Available (mm/dd/yyyy)

Subject ID(s)

Baseline Plus

Minimum Number of Additional Studies

RESET

Collection ID Subject ID Matched Studies Total Studies Matched Series Total Series

0 patients found, displaying Page 0 / 0.

Submitting Searches from External Web Pages

The release allows the creation of URLs that will automatically select a given collection in the simple search page when submitted. See the [NBIA Developer Guide](#) for details.

NBIA National Biomedical Imaging Archive

Home | Search Images | Manage Data Basket

Simple Search

Results Per Page: 20

Collection(s):

- ☐ CT Colonography
- ☐ FDG-PET Lymphoma
- ☒ GBM Avastin
- ☐ GBM Rembrandt
- ☐ Head/Neck

Image Modality(ies):

Return cases that include:

ALL ☒ ANY Modality

☐ CR

☐ CT

Anatomical Site:

- ☐ ABDOMEN
- ☐ BRAIN
- ☐ BREAST
- ☐ CHEST
- ☐ HEAD

Manufacturer Model(s):

- ☒ All Manufacturers (25)
- ☐ CMS, Inc. (1)
- ☐ CPS (2)
- ☐ DeJemette Reson

Collection ID	Subject ID	Matched Studies	Total Studies	Matched Series	Total Series	
GBM Avastin	001	19	19	112	112	+
GBM Avastin	006	27	27	172	172	+
GBM Avastin	011	90	90	642	642	+
GBM Avastin	013	14	14	78	78	+
GBM Avastin	014	18	18	107	107	+
GBM Avastin	016	6	6	37	37	+
GBM Avastin	016	13	13	84	84	+
GBM Avastin	017	28	28	160	160	+
GBM Avastin	018	2	2	17	17	+
GBM Avastin	021	14	14	88	88	+
GBM Avastin	028	13	13	73	73	+
GBM Avastin	030	38	38	233	233	+
GBM Avastin	032	18	18	110	110	+
GBM Avastin	035	17	17	112	112	+
GBM Avastin	037	15	15	80	80	+
GBM Avastin	045	22	22	140	140	+
GBM Avastin	051	5	5	26	26	+
GBM Avastin	054	13	13	86	86	+
GBM Avastin	057	14	14	83	83	+
GBM Avastin	058	32	32	216	216	+

32 patients found, displaying Page 1 / 2.

Removal of Saved Queries

The release allows the removal of legacy saved queries by the administrator, preventing unnecessary overnight processing.

 National Biomedical Imaging Archive Home Search Images Manage Data Basket Tools Admin User's				
Manage Saved Queries				
☒ REMOVE SELECTED ITEMS				
Query Name	Last Executed	New Data Available	Query Creator	
Manufacturer Query	9/28/15 4:02 PM		JackellJ	
Sample Query	9/28/15 3:20 PM		JackellJ	
aa Sample Saved Query	9/24/15 3:41 PM		JackellJ	
test4	9/8/15 2:01 AM		gustafss	
ulli-test8 collection manu	9/4/15 2:38 PM		ulrike	
ulli-test7-chest	9/4/15 2:36 PM		ulrike	
ulli-test6	9/4/15 2:33 PM		ulrike	
ulli-test4	9/4/15 2:31 PM		ulrike	
ulli-test3	9/4/15 2:29 PM		ulrike	
ulli-test2	9/4/15 2:28 PM		ulrike	
ulli-test	9/4/15 2:18 PM		ulrike	
nanotest1	9/4/15 2:08 PM		ulrike	

Oviyam Viewer at the Series Level in QC tool

The release opens the Oviyam Viewer at the series level in the QC tool so that curators can concentrate on that series. Performance of the viewer has been greatly enhanced by caching CSM calls.

QC Images by Series									
☒ CHECK ALL ☐ UNCHECK ALL									
Results Per Page: 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100									
3,993 series found, displaying 25 records, from 1 to 25. Page 1 / 160									
	Submission date	Collection/Site	Patient	Study	Series	Series Description	Modality	Visibility	Thumbnails
☐	05/21/2008 00:00:00 AM	GBM Avastin/Clinical Center	069	1.3.6.1.4.1.9328.50.55.24578055549654809131502368544065512140	1.3.6.1.4.1.9328.50.55.218960309443147891094180659197301895509	Mean Time to Enhance	MR	Visible	View
☐	05/21/2008 00:00:00 AM	GBM Avastin/Clinical Center	069	1.3.6.1.4.1.9328.50.55.24578055549654809131502368544065512140	1.3.6.1.4.1.9328.50.55.2518960309443147891094180659197301895509	Negative Enhancement Integral	MR	Visible	View
☐	05/21/2008 00:00:00 AM	GBM Avastin/Clinical Center	069	1.3.6.1.4.1.9328.50.55.24578055549654809131502368544065512140	1.3.6.1.4.1.9328.50.55.232174500582902348477359520610853977030	Time to Minimum	MR	Visible	View
☐	05/21/2008 00:00:00 AM	GBM Avastin/Clinical Center	069	1.3.6.1.4.1.9328.50.55.3388323258124899439688872539168530071	1.3.6.1.4.1.9328.50.55.27854790896083544732454880075284111494	PET_SUV_reg_2007_08_01_ax	MR	Visible	View
☐	05/21/2008 00:00:00 AM	GBM Avastin/Clinical Center	069	1.3.6.1.4.1.9328.50.55.3388323258124899439688872539168530071	1.3.6.1.4.1.9328.50.55.210184488530403369045248421438930285363	PET_SUV_reg_2007_08_01_sag	MR	Visible	View
☐	05/21/2008 00:00:00 AM	GBM Avastin/Clinical Center	069	1.3.6.1.4.1.9328.50.55.3388323258124899439688872539168530071	1.3.6.1.4.1.9328.50.55.180279690719500808852030058496688142	PET_SUV_reg_2007_08_01_cor	MR	Visible	View
☐	05/21/2008 00:00:00 AM	GBM Avastin/Clinical Center	017	1.3.6.1.4.1.9328.50.55.29464098700961423849681679636318041075	1.3.6.1.4.1.9328.50.55.20188527444488200313633590108671479587	SCREENSAVE	MR	Visible	View
☐	05/21/2008 00:00:00 AM	GBM Avastin/Clinical Center	017	1.3.6.1.4.1.9328.50.55.29464098700961423849681679636318041075	1.3.6.1.4.1.9328.50.55.61349728413700136554711570940169486477	Mean Time to Enhance	MR	Visible	View
☐	05/21/2008 00:00:00 AM	GBM Avastin/Clinical Center	017	1.3.6.1.4.1.9328.50.55.29464098700961423849681679636318041075	1.3.6.1.4.1.9328.50.55.3830154115259902134891995290219734737	Negative Enhancement Integral	MR	Visible	View
☐	05/21/2008 00:00:00 AM	GBM Avastin/Clinical Center	017	1.3.6.1.4.1.9328.50.55.29464098700961423849681679636318041075	1.3.6.1.4.1.9328.50.55.241887327823141678718850759337276275383	Time to Minimum	MR	Visible	View
☐	05/21/2008 00:00:00 AM	GBM Avastin/Clinical Center	017	1.3.6.1.4.1.9328.50.55.280825763013715114353918722129408767499	1.3.6.1.4.1.9328.50.55.285172821515203088882015028708383838532	registered_2006_11_01_ax	MR	Visible	View
☐	05/21/2008 00:00:00 AM	GBM Avastin/Clinical Center	017	1.3.6.1.4.1.9328.50.55.280825763013715114353918722129408767499	1.3.6.1.4.1.9328.50.55.46962505675209438601145456177307840056	registered_2006_11_01_sag	MR	Visible	View
☐	05/21/2008 00:00:00 AM	GBM Avastin/Clinical Center	017	1.3.6.1.4.1.9328.50.55.280825763013715114353918722129408767499	1.3.6.1.4.1.9328.50.55.17390827848494747887739611819629509578	registered_2006_11_01_cor	MR	Visible	View
☐	05/21/2008 00:00:00 AM	GBM Avastin/Clinical Center	017	1.3.6.1.4.1.9328.50.55.50274955857782949519213908239853886951	1.3.6.1.4.1.9328.50.55.178008075490288029500152380110735307249	THREE PLANE LOC	MR	Visible	View
☐	05/21/2008 00:00:00 AM	GBM Avastin/Clinical Center	017	1.3.6.1.4.1.9328.50.55.50274955857782949519213908239853886951	1.3.6.1.4.1.9328.50.55.21138519548335864081028852130465952230	LOC AX	MR	Visible	View

Documentation and Support

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

For groups interested in installing NBIA 6.3 locally, consult the [NBIA 6.3 Installation Guide](#).

Getting Support

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