

---

# LabCorp OTS Web Services Search Registrations Use Case

---

Revision: 1.4

September 18, 2007

Implementation Copy – The requirements in this document are the basis for implementation



## Occupational Testing Services

## Information Systems

### Search Registrations Use Case

Implementation Copy – The requirements in this document are the basis for implementation.

#### Revision History

Revision	Date	Author	Description
1.0	12/11/06	Mohan Koday	Initial Draft
1.1	12/13/06	Mohan Koday	Added element 'errorCode' in error response.
1.2	12/29/06	Mohan Koday	Renamed column 'Optionality' to 'Populated' for service responses. And changed the Populated column values in service response tables.
1.3	02/20/07	Mohan Koday	Changed all 'date' datatype to 'DateTime' data types.
1.4	09/18/07	Mike Murphy	Changed donorId field length to 0-12.

**System:** OTS Web Services

**Title:** Search Registrations Use Case

**Filename:** OTS\_WS\_Search\_Registrations.doc

**Revision:** 1.4

**Date:** 03/23/10

**Page:** 2 of 5



## Occupational Testing Services

## Information Systems

### Search Registrations Use Case

Implementation Copy – The requirements in this document are the basis for implementation.

## Search Registrations

### Use Case Summary

<b>Goal</b>	Obtain a listing of registrations that match given search criteria.
<b>Frequency</b>	Multiple times per day.

### Success Scenarios

Step	Action
1	The client creates a Search Registrations Request and sends it to the system.
2	The system validates the request, finds any matching registrations, and sends a Search Registrations Response.
3	The client receives and processes the response.

### Exception Scenarios

Step	Action
2	The system determines that one or more elements of the submitted data are invalid. <ol style="list-style-type: none"><li>1. The system sends an Error Response to the client.</li><li>2. The use case resumes at step 3.</li></ol>

**System:** OTS Web Services

**Title:** Search Registrations Use Case

**Filename:** OTS\_WS\_Search\_Registrations.doc

**Revision:** 1.4

**Date:** 03/23/10

**Page:** 3 of 5



## Occupational Testing Services

## Information Systems Search Registrations Use Case

Implementation Copy – The requirements in this document are the basis for implementation.

### Search Registrations Request:

Element	Optionality	Data Type	Size	Notes
userId	R	String	1-30	
password	R	String	7-32	

### Search Registrations Request details:

Element	Optionality	Data Type	Size	Notes
accountLocationCode	O	String	0-30	
accountName	O	String	0-60	
accountNumber	O	String	0-8	
clientRegistrationId	O	String	0-50	
creationRangeEndDate	O	DateTime		Only the date is significant
creationRangeStartDate	O	DateTime		Only the date is significant
donorDateOfBirth	O	DateTime		Only the date is significant
donorId	O	String	0-12	
donorNameFirst	O	String	0-25	
donorNameLast	O	String	0-35	
donorSSN	O	String	0-9	
expirationRangeEndDate	O	DateTime		Only the date is significant
expirationRangeStartDate	O	DateTime		Only the date is significant
labcorpRegistrationNumber	O	Integer		

**Note:** The Search Registrations Response contains an array of the following.

If no matches found, array size shall be zero.

### Search Registrations Response:

Element	Populated	Data Type	Size	Notes
accountNumber	A	String	6 or 8	
clientRegistrationId	C	String	0-50	
donorDateOfBirth	C	DateTime		Only the date is significant
donorNameFirst	C	String	0-25	
donorNameLast	C	String	0-35	
donorNameMiddleInitial	C	String	0-1	
donorStateOfResidence	A	String	2	Please see <i>Section 4.3</i> in Supplemental Specifications document for more details.
labcorpRegistrationNumber	A	Integer		

**Note:** The Search Registrations Error Response contains an array of the following.

### Search Registrations Error Response:

Element	Populated	Data Type	Size	Notes
errorCode	A	Integer		Please see <i>Section 4.2</i> in Supplemental Specifications document for errorCodes and errorDescriptions.
errorDescription	A	String	1-100	
errorElement	C	String	0-50	For global errors, errorElement shall be null.

**System:** OTS Web Services

**Title:** Search Registrations Use Case

**Filename:** OTS\_WS\_Search\_Registrations.doc

**Revision:** 1.4

**Date:** 03/23/10

**Page:** 4 of 5



## Occupational Testing Services

## Information Systems

### Search Registrations Use Case

Implementation Copy – The requirements in this document are the basis for implementation.

## Additional Information:

1. System returns a list of up to twenty registrations that match the search criteria.
2. You may use the wildcard \* (asterisk) for the string fields in the search. The wildcard matches 0 to n characters. For example, Account Number 123\* will match up to twenty registrations for accounts whose numbers begin with 123. The wildcard can be at the beginning, middle and/or end of the search string.

**System:** OTS Web Services

**Title:** Search Registrations Use Case

**Filename:** OTS\_WS\_Search\_Registrations.doc

**Revision:** 1.4

**Date:** 03/23/10

**Page:** 5 of 5