



Bionote

User Guide

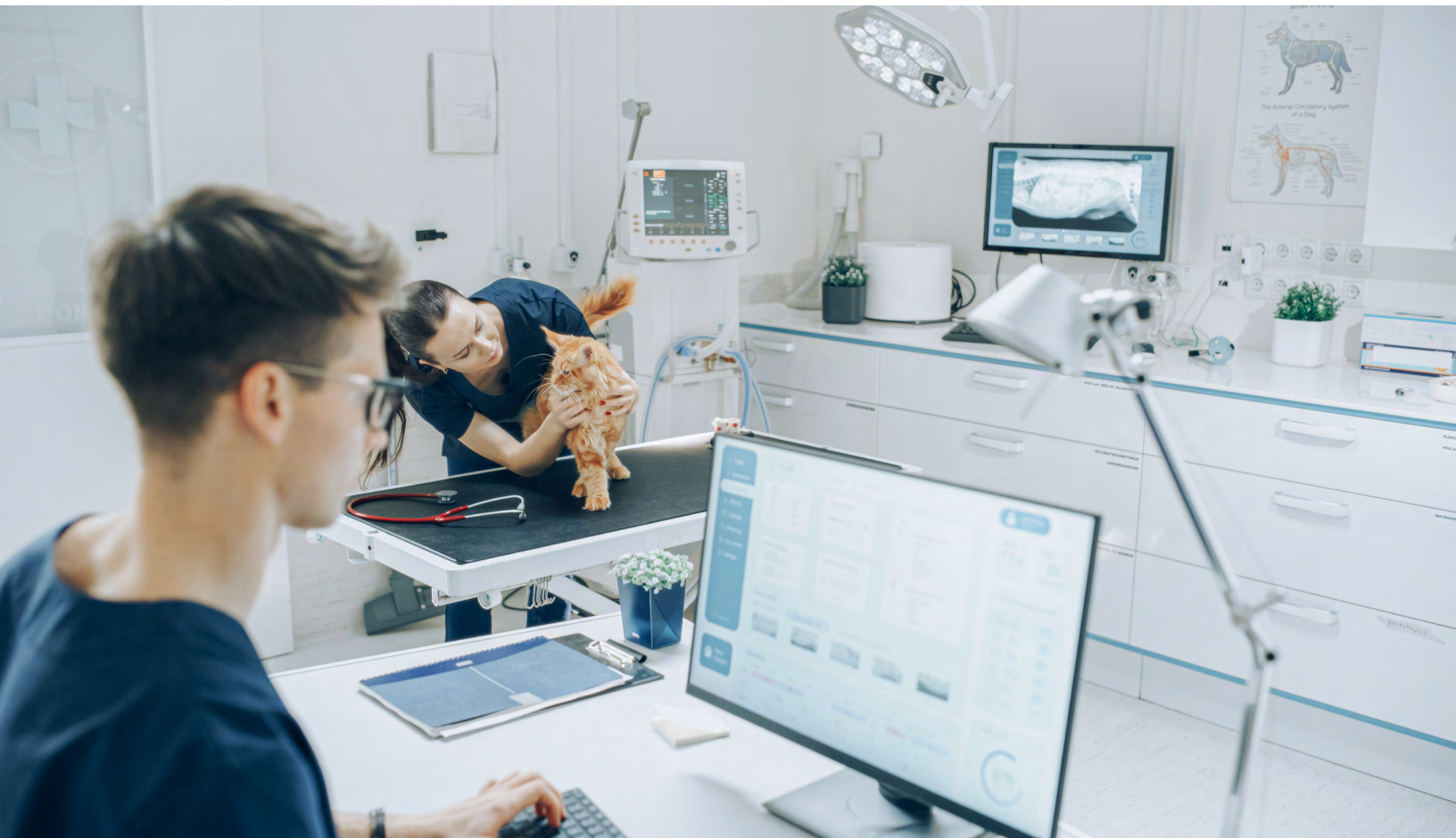


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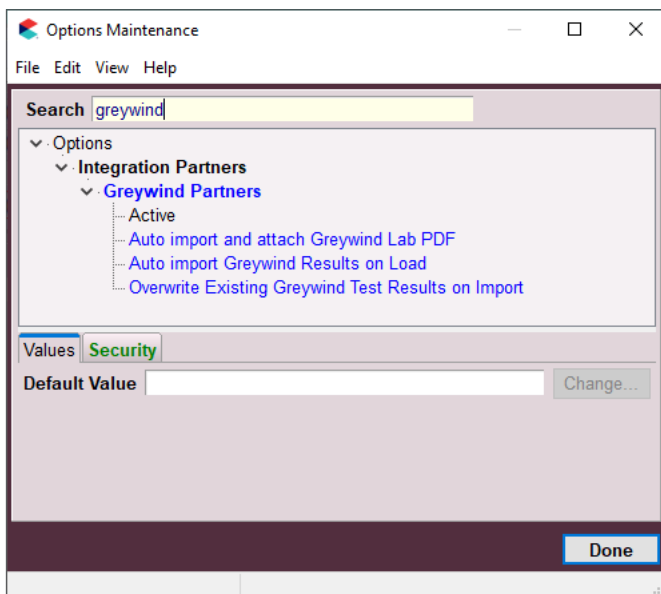
Overview

Avimark integrates with Bionote to provide the lab workflow from requisitioning to results.

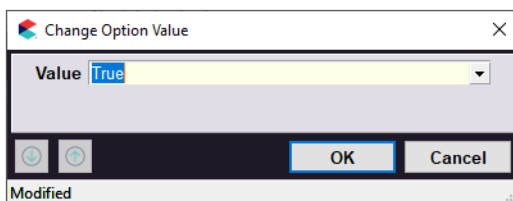
Setup

Advanced Options will have some of the basic configuration for the Bionote integration.

1. From the speedbar, click on the Advanced Options icon ().
2. In Options Maintenance, search for **greywind**.



3. Click on **Active**. To enable Bionote, click on **Change** and set the **Value** to **True**.



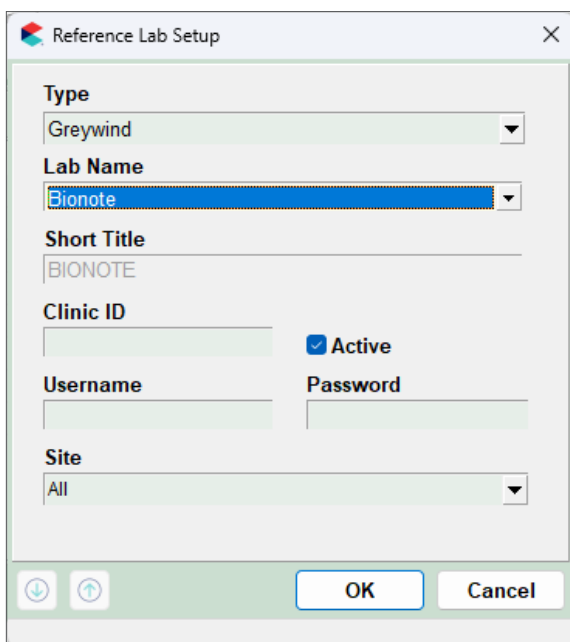
4. Click **OK**.

5. Repeat these steps to set the practice's preferred Default Value for:
 - Auto import and attach Greywind Lab PDF.
 - Auto import Greywind Results on Load.
 - Overwrite Existing Greywind Test Results on Import.
6. Click **Done** to close Options Maintenance.

Configure the Lab Partner

Enter the practice credentials for Bionote under Laboratories Management.

1. From the menu, click on **Services > Laboratories Management**.
2. Click the **New** icon ().
3. In Reference Lab Setup, Type will be Greywind.
4. Under **Lab Name**, select Bionote from the drop-down list.
5. Enter the **Clinic ID**, **Username**, and **Password**.
6. If the practice is part of multiple sites and has different credentials for each location, select the Site for this practice. Otherwise, leave Site to All.



The image shows a 'Reference Lab Setup' dialog box with the following fields and options:

- Type:** A dropdown menu with 'Greywind' selected.
- Lab Name:** A dropdown menu with 'Bionote' selected.
- Short Title:** A text field containing 'BIONOTE'.
- Clinic ID:** A text field.
- Active:** A checkbox that is checked.
- Username:** A text field.
- Password:** A text field.
- Site:** A dropdown menu with 'All' selected.

At the bottom of the dialog box, there are two buttons: 'OK' and 'Cancel'.

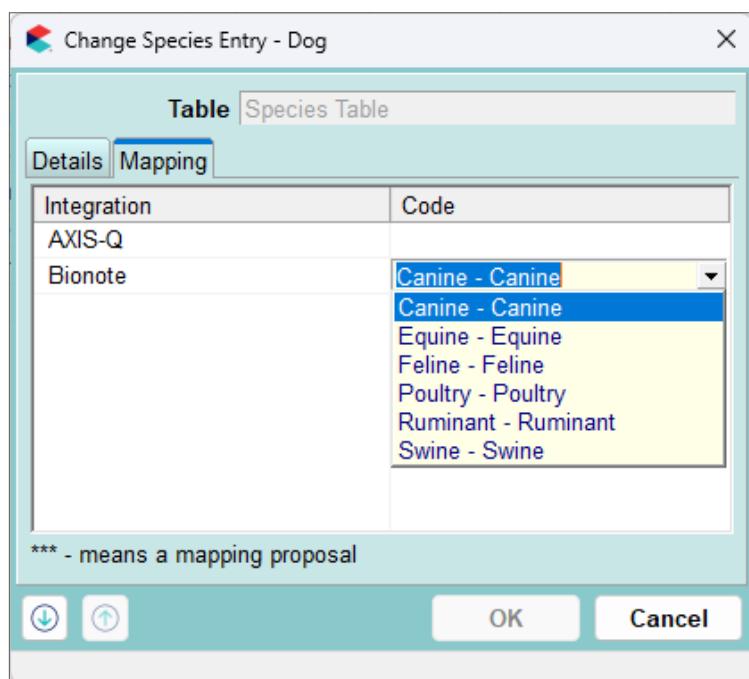
7. Click **OK** to save changes.

Configure System Tables

Mapping of species and genders can be done on the fly when a requisition is created. However, species and genders can be mapped manually through the New/Change Species window.

Species Mapping

1. From the menu, click on **Work with > System Tables**.
2. Select the **Species Table**.
3. Double-click on a species or click the **Change** icon ().
4. Click on the **Mapping** tab.
5. Select **Bionote**.
6. Double-click under **Code** to display the list of species from Bionote.



Change Species Entry - Dog

Table: Species Table

Details Mapping

Integration	Code
AXIS-Q	
Bionote	Canine - Canine

*** - means a mapping proposal

OK Cancel

7. Select the species to match the Avimark species.
8. Click **OK** to save changes.

Gender Mapping

Gender mapping can also be done on the fly when a requisition is created. To map genders manually, follow the steps below.

1. From the menu, click on **Work with > System Tables**.
2. Click on the **Gender Table**.
3. Double-click on a gender to map.
4. Click on the **Mapping** tab.
5. Next to Bionote under **Code**, double-click.
6. From the drop-down list, select the gender.
7. Click **OK** when finished.

Change Gender Entry - Male

Table: Gender

Details Mapping

Integration	Code
Bionote	Male - Male

*** - means a mapping proposal

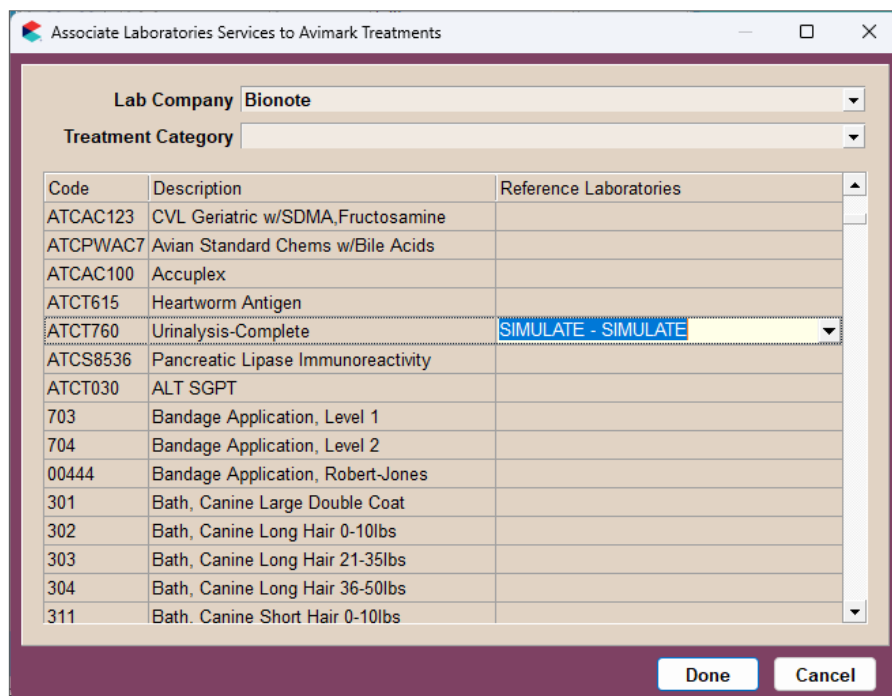
OK Cancel

Linking Tests

From the Treatment List, link Avimark items to Bionote through Associate Services or from individual treatments.

Associate Services

1. From the menu, click on **Work with > Treatment List**.
2. In Treatment List menu, click on **Import Lab Treatments > Associate Services**.
3. From the Lab Company drop-down list, select **Bionote**.
4. Filter the treatment list by **Treatment Category**.
5. Under **Reference Laboratories**, select the lab test from Bionote to match the Avimark treatment.
6. Click **Done** when finished.



Associate Laboratories Services to Avimark Treatments

Lab Company: Bionote

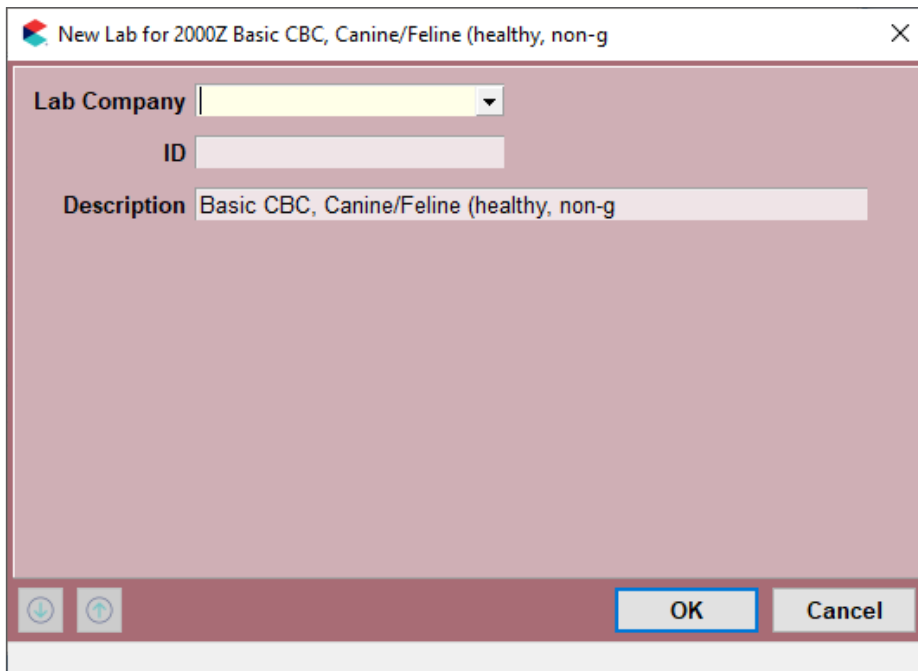
Treatment Category:

Code	Description	Reference Laboratories
ATCAC123	CVL Geriatric w/SDMA,Fructosamine	
ATCPWAC7	Avian Standard Chems w/Bile Acids	
ATCAC100	Accuplex	
ATCT615	Heartworm Antigen	
ATCT760	Urinalysis-Complete	SIMULATE - SIMULATE
ATCS8536	Pancreatic Lipase Immunoreactivity	
ATCT030	ALT SGPT	
703	Bandage Application, Level 1	
704	Bandage Application, Level 2	
00444	Bandage Application, Robert-Jones	
301	Bath, Canine Large Double Coat	
302	Bath, Canine Long Hair 0-10lbs	
303	Bath, Canine Long Hair 21-35lbs	
304	Bath, Canine Long Hair 36-50lbs	
311	Bath, Canine Short Hair 0-10lbs	

Done Cancel

New or Change Treatment

1. From the menu, click on **Work with > Treatment List**.
2. Create a new treatment or search for an existing treatment and double-click to change.
3. Click on the **Laboratory** tab > **Labs** tab.
4. Click on the **New** icon ()
5. From the Lab Company drop-down list, select **Bionote**.
6. Select the **ID**.
7. Click **OK** to save changes.



New Lab for 2000Z Basic CBC, Canine/Feline (healthy, non-g) X

Lab Company

ID

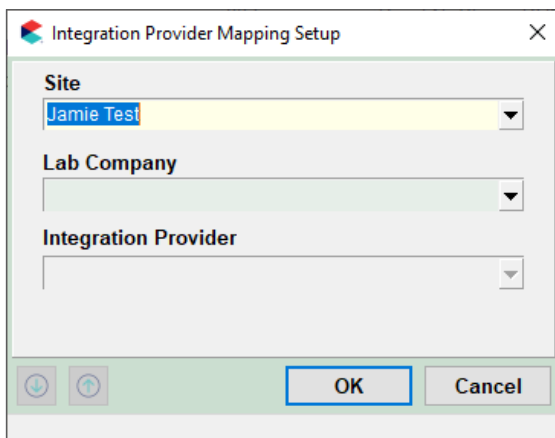
Description Basic CBC, Canine/Feline (healthy, non-g)

  OK Cancel

Mapping Users

Each user will need to have the doctor mapped. This can be done on the fly or within the Change User window. Each user will need the doctor mapped for each location in a Site.

1. From the menu, click on **Work with > Users and Security**.
2. Double-click on the user.
3. In the Change User window, click on the **Integrations** tab.
4. Click on the **New** icon ().
5. From the **Lab Company** drop-down list, select **Bionote**.
6. Select the **Integration Provider**.



The dialog box titled "Integration Provider Mapping Setup" contains three dropdown menus. The first dropdown, labeled "Site", has "Jamie Test" selected. The second dropdown, labeled "Lab Company", is empty. The third dropdown, labeled "Integration Provider", is also empty. At the bottom of the dialog are two buttons: "OK" and "Cancel".

7. Click **OK** and continue adding a Lab Company and Provider then click Cancel to close.
8. Click **OK** to close Change User.



Some Lab Partners will allow you to setup the doctor on the fly by selecting "Provider not found, create a new one".

Generating a Requisition

To create a requisition, add the treatment to the patient's Medical History or select Create Requisition from the Patient area.

Create Requisition

1. From the Patient area, **right-click > Create Requisition**.
2. Select **Bionote** from the **Lab Company** drop-down list.
3. **Right-click > Select** or press space to select the test(s) to add to the requisition.
4. The requisition will display and can be printed or downloaded.

The screenshot shows a web browser window with the Bionote requisition form. The form has a header with the Bionote logo and a patient information section. Below this, there are two tables for test selection. The first table is titled "RUGHU # DQ LHVW" and the second is titled "WHVW # UGHUHG". The first table has three columns: "FdgIf#qir", "Sdwhq#qir", and "Rughu#qir". The second table has four columns: "F", "Whv#Frg", "Whv#Q dp h", "Vrxufh", and "Vshfp hq". The form also includes a "Share" button and a "Find tools, topics, or help" search bar.

RUGHU # DQ LHVW	
FdgIf#qir	Sdwhq#qir
FdgIf#qir 456789; ; <5	Idp Id = Wkxp dv
Whv#Frg	Shw = Urjdq
456	Djh = 8#bdw/8#p rpkv
80	Vh (= Qtoohng#p dh
	Vshf#v = Fdgqph
	Euhhg = Uthwbyhu# rghq

WHVW # UGHUHG				
F	Whv#Frg	Whv#Q dp h	Vrxufh	Vshfp hq
4	VIP XCDWH	VIP XCDWH	0	0

Medical History

1. In a patient's Medical History, **right-click > Choose > Treatments**.
2. Select the treatments to submit a requisition to **Bionote**.
3. Click **Done**.
4. On the **Confirm** prompt to create a **Requisition**, click **Yes**.
5. The order for lab tests will appear as shown on page 10.

Downloading Test Results

Test results from Bionote can be downloaded automatically to Avimark and saved to patient records.

Retrieving Results

Results are imported to Medical History automatically when the Advanced Option, Auto import and attach Greywind Lab PDF, is set to True.

To manually retrieve results:

1. Select **Services > Requisition Management > Download Requisitions** tab.
2. Select **Bionote** from the **Lab Type** drop-down list.
3. Click the **Load** button.

Requisition Management

File Edit View Help

Requisitions

Download Requisitions

Lab Type

Lab Company Name

Load

Created Date	Requisition ID	Patient	Accession ID	Lab Client Name	Lab Patient Name
08-27-24	389150	Delilah			

RequisitionEntry.I	RequisitionEntry.Description	Status	Imported Status
SIM	SIMULATION	Final	Imported

Lab Unassigned

Resend

Patient Unassigned

Done

From Download Requisitions:

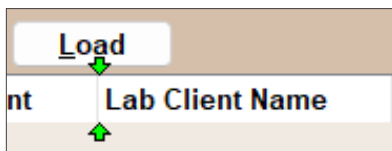
- Results being returned from the lab are displayed. When a requisition match is made, the requisition entry is displayed in black, indicating the Imported status. To display automatically imported results, select the Medical History Requisition entry in Medical History for the imported entries.
- Information displayed in orange indicates orphaned results, for which no automatic association could be made. These results can be manually associated with the correct entries.

This method is to be used when a restore has happened and the practice needs to re-download results that are missing.

Customize View - Columns

If your version of Avimark does not include the columns you need in the Requisition Management window, you can customize the view by adding or removing columns as needed. To customize columns:

1. Click on **Services > Requisition Management > Download Requisitions** tab.
2. In the top half of the Columns dialog box, **right-click > View > Columns**.
3. On the Drag & Drop tab, locate the column(s) to add to Requisition Management.
4. Click and drag the column name to a position between existing columns. A double-set of green arrows will appear indicating where the new column will be placed.



5. To remove a column from view, click on the column name and drag it out of the column area. A large "X" will appear on the screen to indicate the column will be removed.
6. When finished, click  to close Columns.

Repeat the steps to add or remove columns from the bottom half of the Requisition Management window.

Downloading a PDF of Results

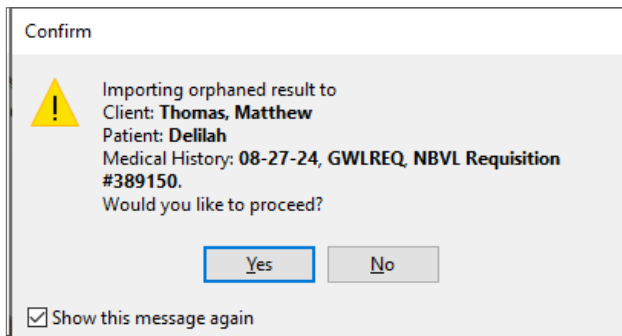
1. On the Avimark main menu, click on **Services > Requisition Management > Download Requisitions** tab.
2. Click the **Load** button.
3. On the requisition **right-click > Download PDF** from the shortcut menu.

This option lets you manually download any result PDF file, whether or not the Auto import and attach Greywind Lab PDF option is set to True. The PDF files will be attached to the selected line item in the patient's Medical History under file attachments.

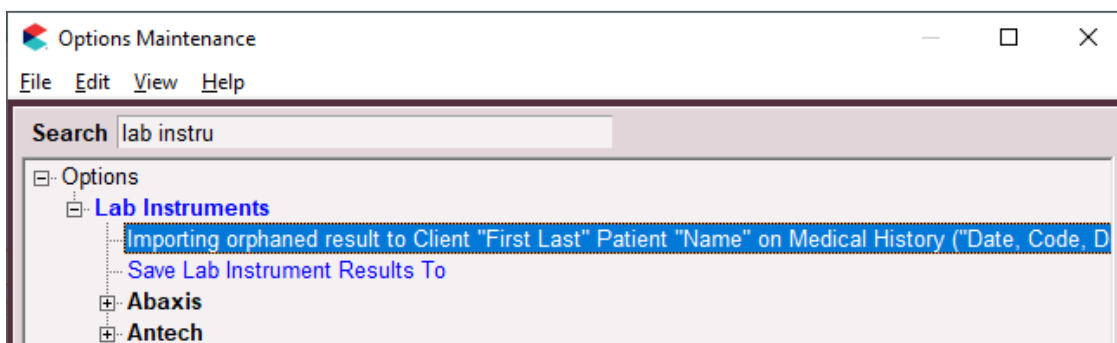
Manually Importing Test Results

To import results:

1. In the patient's medical history, select the requisition line.
2. From the Avimark main menu, go to **Services > Requisition Management > Download Requisitions**.
3. Select **Bionote** as the Lab Type.
4. Click **Load**.
5. Select the Requisition ID line and below, select the tests.
6. On the selected tests, **right-click > Import Results**.
7. Confirm the client, patient, and test when prompted.



The advanced option for this prompt, under Lab Instruments, is set to prompt by default. However, you can set it to Yes or by unchecking the Show this message again option on the prompt and clicking Yes will set that specific user to never get the prompt again.



8. Click Yes to import.

Import Orphan Results

1. Right-click on the requisition that did not have results imported.
2. Click on **Import Results**.

Requisition Information
 Client Name: Shaylin Harvell Ordered at:
 Patient Name: Amber

Client, Patient **Doctor**

...

 DNS: David N. Sharp, DVM

Code	Description	Cost
T495	T4	52.44

☒ **Import & Link to Treatment:**
☒ Create a New Treatment...

Code	Description	Price
ATCT495	T4	52.44

Code	Description	Cost
SA010	Superchem w/SDMA	0

☐ **Import & Link to Treatment:**
☐ Create a New Treatment...

Code	Description	Price
ATCSA010	Superchem w/SDMA	0

Code	Description	Cost
T330	Complete Blood Count	47.68

☒ **Import & Link to Treatment:**
☒ Create a New Treatment...

Code	Description	Price
------	-------------	-------

OK

Cancel

3. If necessary, click the ellipsis button next to Client, Patient to search for the client and patient the results should import to.
4. You can choose to Import & Link to Treatment (or Create a New Treatment).
 - ◇ You can choose not to import if the charge capture was already done for the test.

In the image above, the user opted to import the first and last test and capture the charges. The second test was already charged so it was not necessary to import and link the treatment again.

5. Click **OK**.

Downloading a PDF of Results

1. Go to **Services > Requisition Management > Download Requisitions** tab.
2. Select (all) or Bionote as the Lab Type.
3. Click the **Load** button.
4. On the requisition, **right-click > Download PDF** from the shortcut menu.

This option lets you manually download any result PDF file, whether or not the Auto import and attach Greywind Lab PDF option is set to True. The PDF files will be attached to the requisition line in the patient's medical history under file attachments.