

## Spring 2012 Release Items

### ART DATA under Cycle Menu

Certain fields were added to meet updated SART requirements for SART Reporting. Updates are as follows:

- Added Prior BioChemical Pregs entry field to Patient History section. (see below)

Patient History

Gravidity: <input type="text" value="1"/>	Prior Full Term (>= 37 wks) Births: <input type="text" value="0"/>	Prior Pre Term (< 37 wks) Births: <input type="text" value="0"/>
Prior Spontaneous Abortions: <input type="text" value="0"/>	Surgical Sterilization: <input type="text" value="Unknown"/>	Data Verified <input type="checkbox"/>
Prior BioChem Pregs: <input type="text" value="0"/>		

- Added CP Date (Cryopreservation Date) to Transfer section on the Sperm and Oocyte Tab. (see below) When previously cryopreserved embryos are thawed and transferred in an IVF cycle, this field will populate with the date of the oldest (earliest) cryopreserved embryo.

Transfer

<input checked="" type="checkbox"/> Transfer Attempted	Transfer Date: <input type="text" value="4/18/2012"/>	CP Date: <input type="text" value="9/26/2009"/>
# of Fresh Embryos to Uterus: <input type="text" value="0"/>	# of Thawed Embryos to Uterus: <input type="text" value="1"/>	

- Added 'Clinic' droplist to SART Cycle Maintenance page. (Red circle). This allows for managing multiple SART clinics in a single site. The droplist only appears when your facility is serving more than 1 clinic location.

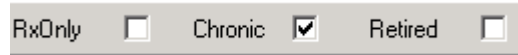
SART Cycle Maintenance

Clinic: <input type="text" value="7005"/>	Reporting Year: <input type="text" value="2000"/>	Default Year <input type="button" value=""/>
Criteria for Art Year 2000		
Start: <input type="text" value="4/18/2000"/>	End: <input type="text" value="4/18/2000"/>	NRS: <input type="text" value=""/>
Status: <input type="text" value=""/>	<input type="button" value="Load"/>	

## Chronic Medications

In the medication definition field a checkbox 'Chronic' has been added to indicate the med is a chronic medication.

1. Under Maintenance on the Main REsource Toolbar, scroll to Admin, Cycle Data Maintenance, then select Cycle Medications. This brings up the Medication Maintenance screen.
2. Select a medication that requires the 'chronic' criteria by highlighting it.
3. Click Edit to display the Medication Definition field. At the bottom of the Medication Definition window, there is a checkbox for 'Chronic'.



Meds flagged as chronic will follow (to the right of) stim meds in the stim sheet. Chronic med columns will appear with a light blue background for sites that have the stim color option turned ON. (see below)

Status				Avandia	Blood Work				
PROV	Cl By	Cl	Comments	Amt.	X	E2	P4	bHCG	FSH
		<input type="checkbox"/>			5				
		<input type="checkbox"/>			6				
		<input type="checkbox"/>			12				
		<input type="checkbox"/>			0				

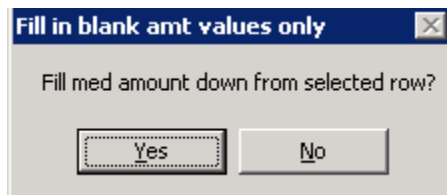
## Medication Amount Fill Down

1. On the stim sheet, single left click on the Amt (amount) heading.

Gonal AM	Gonal PM	Antaq	Baby	LDHC
Amt.	Amt.	Amt.	Amt.	Amt.
			1	
			1	
			1	

These rows will fill '1' for Baby Aspirin

2. A popup window will display. Confirm whether to fill in the medication amounts for all blank amounts in rows subsequent to the currently selected row.



3. The Baby Aspirin column is now filled to the last available blank stim field for this medication.

Gonal AM	Gonal PM	Antaç	Baby	LDHC
Amt.	Amt.	Amt.	Amt.	Amt.
			1	
			1	
			1	
			1	
			1	
			1	
			1	

**NOTE:** If a medication amount of '0' is in a stim row it will autofill this amount the same as above.

If you have two medication amounts in a particular med column, it will ONLY fill the new med amounts to the next blank row. See example:

LDHC
Amt.
25
30

Only these rows will fill with 25

Result will look like this:

LDHC
Amt.
25
25
25
30

**Copy Medication Amounts on New Stim Row**  
 When entering a new stim row through the 'X' column, there is a checkbox to copy medication amounts to the new stim row. This can also be used for chronic medications as well.

The 'New Stim Row' dialog box contains the following fields and options:

- Ultrasound Type: None
- Lab Order: None
- Location: Morristown
- Copy Amounts section:
  - Stim Meds:
  - Chronic Meds:
- Buttons: OK, Cancel

The newly added stim row will mimic the previous stim row:

Follist AM	Follist PM	LDHC	Metfc	Study	X
0	10	20	25	2	
0	10	20	25	0	

← The newly added stim row

#### Copy Med Amounts on Insert Stim Dialog

Medications can be added through the INSERT stim row in the same manner. There will be the same checkboxes available for Stim Meds and Chronic Meds.

To Insert stim row:

- Select stim row that you would like to insert before/after by highlighting it.
- Right click to get Stim Row Menu
- Select Insert Stim before highlighted current row's stim date
- **OR**
- Insert Stim row after current row's stim date
- Insert stim row window displays:

#### Cycle Medications

The 'New Cycle' dialog box contains the following fields and options:

- Cycle Type: IVF
- Stim Type: Cryo-Synthetic
- Stim Template: (empty)
- Copy section:
  - Options:
  - Stim Meds:
  - Chronic Meds:
- Buttons: Cancel, OK

The Copy Options checkbox applies when you are creating an additional cycle for a patient, with the same cycle type and stim type as a previous cycle (for that patient), and you want the same plan options to appear in this cycle.

Prescribed cycle medications works in the same manner. A user has the option to check the Stim Meds box (green circle) and will now be copied along with the cycle options.

**TIP:** Chronic Meds checkbox can be selected in the same manner as Stim Meds. These will now be copied along with the cycle options as well.

### Hot Keys (Shortcuts)

New Hot Keys have been added for user convenience:

- Ctrl-H: Simultaneously hitting Ctrl and the letter H will display the Progress Note History screen.
- Ctrl-D: Simultaneously hitting Ctrl and the letter D can now be used to insert the current date into a progress note. This function can also be accessed via the right-click pop-up menu; select Insert Date.

**NOTE:** Be sure to be in the message area of the progress note when executing the hot key or the right-click pop-up menu.

CI By

Status	CI By	CI	Comments	Amt.
		<input type="checkbox"/>		
	RAM	<input checked="" type="checkbox"/>		
		<input type="checkbox"/>		

When the stim 'CI' column checkbox is checked (red arrow), the 'CI By' (green arrow) column will autopopulate with the current user's initials. Reversely, if the 'CI' box is unchecked, it will remove the current user's initials in the 'CI By' column.

### New Stim Row

When entering a new stim row, the order in which the Tab button navigates through the New Stim Window has been corrected. It no longer skips 'Location' and moves in an organized, logical manner through the fields.

### Mail Reminders

FC – Financial Coordinator and PC – Patient Coordinators have been added to lkupMailReminders table for receiving email reminders.

1. Click the checkbox in the column RecipientAssignedPC and/or RecipientAssignedFC for a specific Trigger Value.

	ReminderId	ANDConditions	AuxSwitch	ShowMessageModal	RecipientAssignedPC	RecipientAssignedFC
1	1	[NULL]	0	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	2	CycleType RE,IVF, StimType Antagonist,	0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3	3	[NULL]	0	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	6		0	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

2. Check that the user's email is entered in the REsource User Account through the User Manager:

3. Check that the PC and FC are assigned to the patient through the Patient Details window:

**Patient: <Deers, Sally G>**    **Patient Id: <7253>**    **XId: <>**

General

SSN: 332-64-4725    Last: Deers    First: Sally    MI: G    Name Chg

DOB: 02/04/1964    Prov: ABC Copperr    NRS:    FC: BAW    PC: BEB

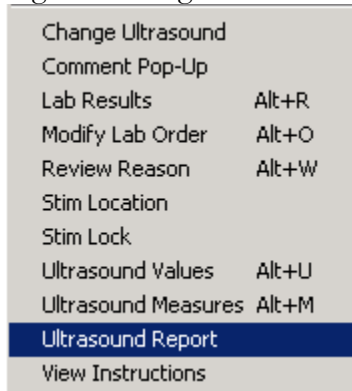
Gender:  Female     Male

Type:    Ref Pat:     Donor:     Infert Pt:     External ID

## Stim reports

User's can print USS Stim reprot from the Stim Row popup menu:

1. Select stim row with the ultrasound results that you would like to print by highlighting it.
2. Right click to get Stim Row Menu:

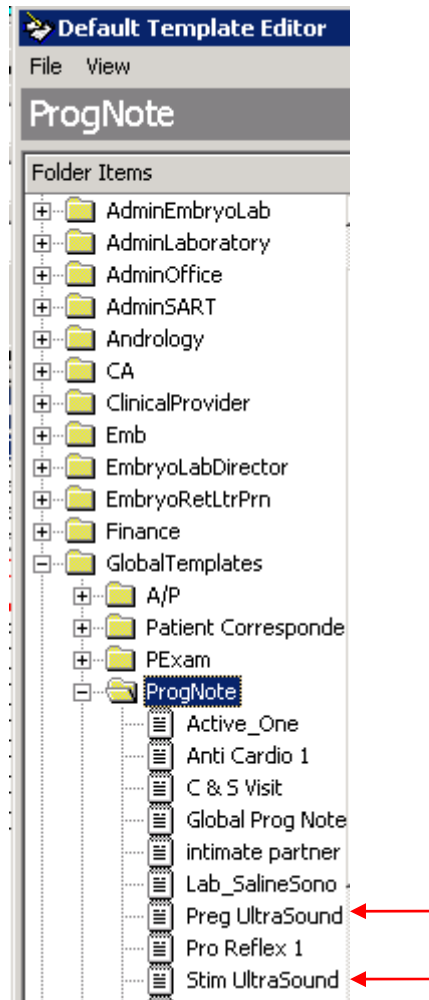


Selecting Ultrasound Report will display the document for printing.

## **FYI :**

The Ultrasound Report is derived from Global Templates: Stim Ultrasound and Preg Ultrasound. These are located in the Default Template Editor. Scroll to:

1. Maintenance on the main RESource Toolbar
2. Admin
3. Default Template Editor
4. Folder Global Template Folder
5. Prog Note Folder
6. Stim/Preg Ultrasound templates are located here



### Rh Factor

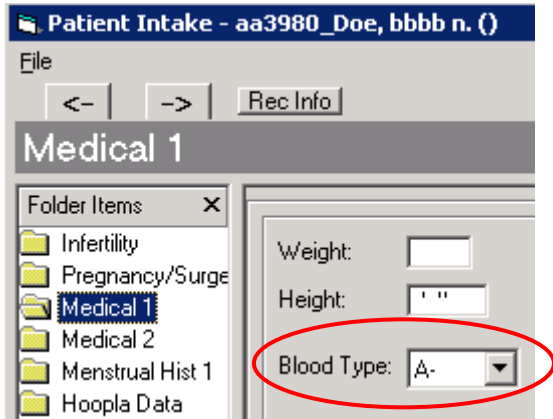
When a patient has a negative Rh factor the PREG event on a patient's stim will be colorized in pink.

Day Info		Planned		
Day	Date	Event	Lab	Proc.
-20	03/16/2000			
-18	03/18/2000	Mns	SU B	Start
-2	04/03/2000	Rev		
3	04/08/2000	Dhit		Gnd
+2	04/10/2000			
+4	04/12/2000		B	
+8	04/16/2000	Preg		
+11	04/19/2000			
+13	04/21/2000			
+14	04/22/2000			



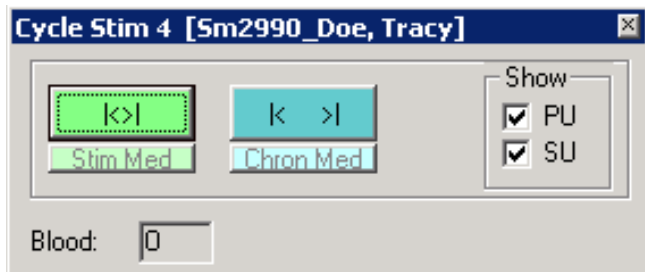
## FYI

The patient blood type must be entered in the Intake under Patient on the main toolbar. It is located in folder Medical 1 in the Intake Editor window.



## Stim Dashboard

This allows a user to expand or condense columns that display on the stim sheet for viewing. Under Cycle under the main toolbar, scroll to Stim View, select Dashboard. The Stim Dashboard will remain in view and can be moved around your screen to your preference. To close the dashboard click the 'x' in the upper right hand corner of the dashboard display window.



## Navigating the Dashboard

### Blood

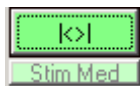
This displays the blood type of the patient which is entered in the PIntake screen under Medical 1. If a patient has a negative Rh Factor, the blood type will be colorized in red.



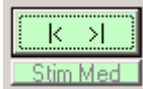
### Expand/Condense Buttons for Stim Med (Stim medication)/ Chron Med (Chronic medication)

#### STIM MED BUTTON:

Continuously click on this button to navigate through the three different displays of Stim Med columns:



This view will display the Stim Med column with only the Amt column displaying for each stim med in the patient cycle.



This view will display the expanded Stim Med column with the columns Amt, Unit, Inter (interval), and Route for each stim med in the patient cycle.



This view will eliminate the Stim Med column completely from view.

### CHRON MED BUTTON

Chronic Medication (Chron Med) button works a bit differently than the Stim Med button. There is no expanded view for chronic medication to view the Amt, Unit, Inter (interval), and Route for each Chron Med in the patient cycle. There are only two display views available for selection:



This view will display the Chron Med columns with only the Amt column displaying for each chronic medication in the patient cycle.



This view will eliminate the Chron Med column completely from view.

NOTE: The Stim Med and Chron Med buttons work independently of each other allowing a user to have more versatility in the stim sheet display.

### Highlighted Med Names

A user will know that the patient has stim med/chronics meds even if they are selected not to display in the stim sheet by the highlighted boxes. The highlighted boxes indicates that there is Stim Med and/or Chron Med present in this patient's cycle.



Example of both meds highlighted. In this cycle, the patient has both stim medication and chronic medication.

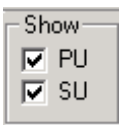
If the one or both are not highlighted, stim med and/or chronic meds are not present in the cycle



Example of one (Stim Med) highlighted. In this cycle, the patient does not have any chronic medication.

### Pregnancy Ultrasound/ Stim Ultrasound

There are checkboxes for pregnancy ultrasound (PU) and stim ultrasound (SU). Checking the box will display that particular ultrasound type. Unchecking the box will remove that ultrasound type from view.

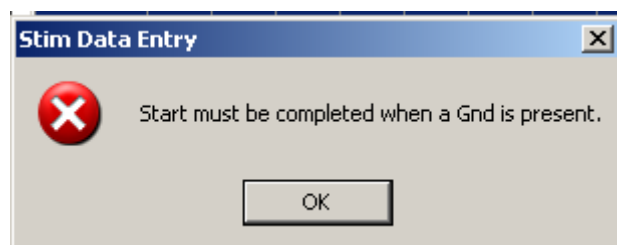


## Previous Items Released in 2012

### Stim Row

Added logic to ignore the CP value when checking for a Start proc. When a Stim Row has START entered in Proc column, it is no longer required for CP (complete) to be checked for GND to be entered. This will allow the number of days (the Days column) to recalculate correctly when specifying a GND without a completed Start.

It also eliminates the popup warning:



### Sign In Window and Exam Room

When the SSN Secure option is turned ON for site, SSN column will display the last 4 digits instead of the complete 9 digit social security number for security purposes:

Last	First	SSN
Sm1153 Doe	Elizabeth	-1201
Sm2146 Doe	Somebody	-2179

### PI Intake

Added Prior BioChemical entry question on 'Pregnancy/Surgery' folder and 'SART Only' folder. In the intake editor window, you can scroll to 'Pregnancy/Surgery' and 'SART Only' folders. This is a necessary field for reporting to SART.

Also, in the intake editor window, you can scroll to 'Infertility' folder and click to open. The Clomiphene and Gonadotropins tables were modified:

Old Column Name	New Column Name
Dates	Date
# Cycles	Cycle Number
# With Insemination	With Insemination
# Resulting in Pregnancy	Resulted in Pregnancy

- If there is legacy data (data that was entered into the tables prior to this release), the tables will appear in the old format prior to this release.
- A label indicating that the data is considered legacy will also appear on the right-hand side of the table.

- A button to the right of the tables will allow switching to the new data entry tables.

Before Fields displayed as:

Infertility Cycle History

Number of prior Clomiphene Citrate Cycles:

Clomiphene Citrate:

Dates	# of Cycles	Max Starting Dose	Max # Follicles	# With Insemination	# Resulting in Pregnancy

Now fields are updated to display:

Infertility Cycle History

Number of prior Clomiphene Citrate Cycles:

Clomiphene Citrate:

Date	Cycle Number	Max Starting Dose	Max # Follicles	With Insemination	Resulted in Pregnancy

LIS

Added new Wildcard normality tolerance rule:

1. Go to Tools on the Main Toolbar in RESource
2. Scroll and click LIS to open window
3. Click on the Tolerances button at the bottom of LIS window
4. LIS Tolerances window opens:

LIS Tolerances

LISTolerances

	LabId	RuleId	Perc	Tolerance	AgeInDays	RuleTypeID	MaxMinId	AbsValue	DerivedValue
1	17-DH	10	Abs	0	0	PreProcess	4	F	OK
2	ASA	13	Abs	25	0	Normality	1		A
3	BHCG	3	Abs	5	0	Transpose	1		<5

5. Under RuleTypeID, select Normality (red circle).
6. In the ABSValue field, selecting "\*" (the wildcard) will interpret any result for a given lab as Normal.