




PeriCalm Upgrade Version 3.18 Tip Sheet

Instructions	Screenshot / Reference
<p>Single sign-on if you are signed in to Peribirth or PeriCalm, and you launch the other application, you will be automatically logged in.</p>	

On **October 14th**, during the downtime, PeriCalm will stay up and will gather vital signs. Once the PeriBirth comes up after the downtime, it will take 3 or 4 minutes for the vital signs to populate into PeriBirth from PeriCalm.

In the new version of PeriCalm 3.18 there is a **Bi-directional data** flow between PeriBirth, PeriCalm and behind-the-scenes data streaming ensure that both applications are always up-to-date with the patient's latest developments and progress to include many things such as vaginal exams, vital signs, etc.

Information Flow from PeriBirth to PeriCalm Epidural Date/Time is now calculated in PeriBirth based on the earliest value documented in the Anesthesia Start Time item (accessed from the Anesthesia shortcut button > Neuroaxial Procedure Report > Times). If no such entry is made in PeriBirth, then the earliest started time or done time documented in the Orders page for any of the following orders is used instead:

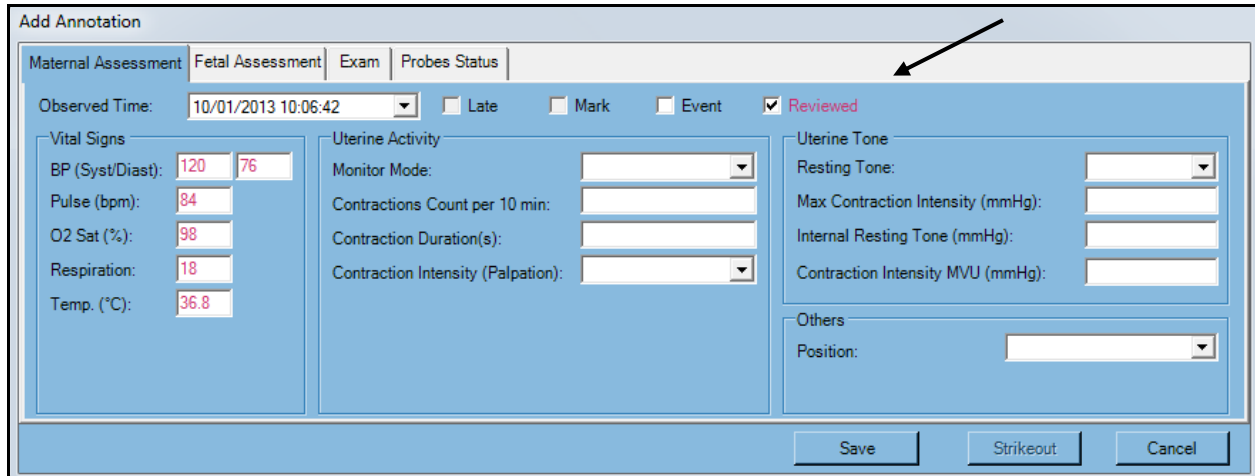
- Epidural Anesthesia
- Spinal Anesthesia
- Continuous Epidural Infusion

The system was updated to allow the Contraction Intensity data > Montevideo units to stream between PeriBirth and PeriCALM. Note that the system allows to document Contraction Intensity values between 0-450 only, other than that the data will not be visible in PeriCALM.

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Annotation Tab Improvements

The *Maternal Assessment* tab now includes sections to document uterine activity and uterine tone. Notice there is a **reviewed** box that should be selected if you are observing a category I strip and this will satisfy your documentation requirements.



Add Annotation

Maternal Assessment | Fetal Assessment | Exam | Probes Status

Observed Time: 10/01/2013 10:06:42 Late Mark Event Reviewed

Vital Signs

BP (Syst/Diast): 120 / 76

Pulse (bpm): 84

O2 Sat (%): 98

Respiration: 18

Temp. (°C): 36.8

Uterine Activity

Monitor Mode: [Dropdown]

Contractions Count per 10 min: [Input]

Contraction Duration(s): [Input]

Contraction Intensity (Palpation): [Dropdown]

Uterine Tone

Resting Tone: [Dropdown]

Max Contraction Intensity (mmHg): [Input]

Internal Resting Tone (mmHg): [Input]

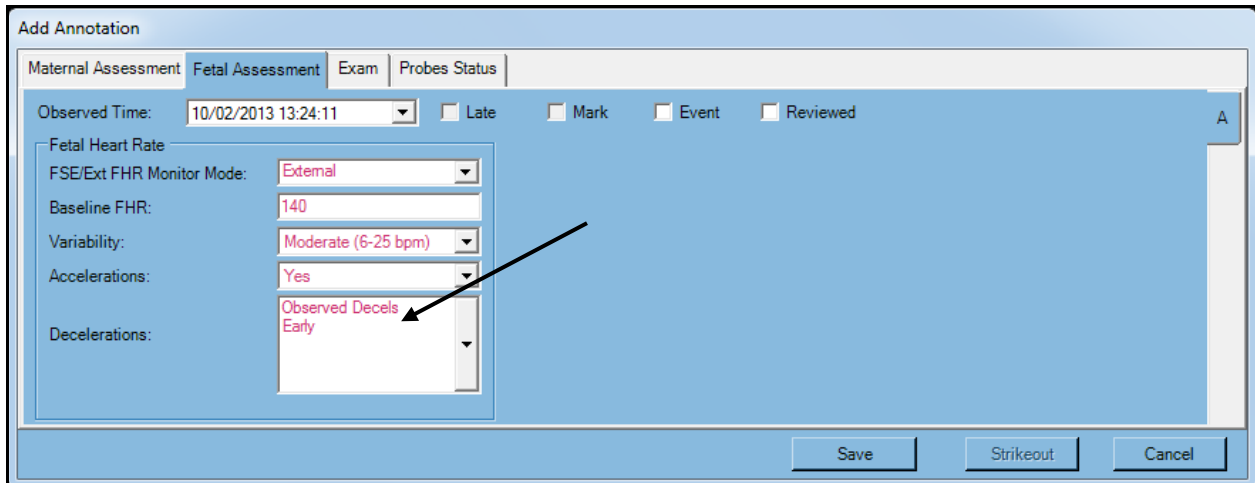
Contraction Intensity MVU (mmHg): [Input]

Others

Position: [Dropdown]

Save | Strikeout | Cancel

The *Fetal Assessment* tab contains fetal-related fields to document aspects of a fetus's current condition. This enhancement includes a two-part documentation for decelerations. First you must select **observed decels**, then select the appropriate **decel observed**.



Add Annotation

Maternal Assessment | Fetal Assessment | Exam | Probes Status

Observed Time: 10/02/2013 13:24:11 Late Mark Event Reviewed

Fetal Heart Rate

FSE/Ext FHR Monitor Mode: External

Baseline FHR: 140

Variability: Moderate (6-25 bpm)

Accelerations: Yes

Decelerations: Observed Decels
Early

Save | Strikeout | Cancel

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The *Exam* tab contains SVE-related fields to document aspects of the mother's SVE exam.

Add Annotation

Maternal Assessment | Fetal Assessment | **Exam** | Probes Status

Observed Time: 10/01/2013 10:06:42 Late Mark Event Reviewed

SVE

Dilatation: 9 Fetal Presentation: Cephalic
 Effacement: 100 Fetal Position:
 Station: -1 Cervical Position: Mid
 Cervical Consistency: Soft

Membranes

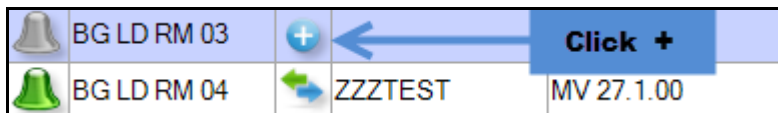
Membrane Rupture: (AROM) 26 Sep 2013 19:15
 Membrane Status: AROM
 Amniotic Fluid Quantity: Moderate
 Amniotic Fluid Color: Clear
 Amniotic Fluid Odor: Amniotic fluid

Save Strikeout Cancel

Changes to Admission Process

The admission sequence has changed. To admit a patient in PeriCalm Version 3.18:

1. Click on the plus sign next to the room number so that a new card populates



2. Locate patient by using search fields or select patient from list.

Link Selection

Filtering

Patient ID (MRN): Last Name: First Name: Clear filters

List of available sessions in PeriBirth

Patient ID (MRN)	Account #	Last Name	First Name	Admission Date	Date of Birth
000905342	00032012056	ZZZINFECTION	RULE		8/18/1982
08012013		MRN26 2TEST	JEAN		
000905336	00032012296	ZZZPERIBIRTH	MAPPING	8/13/2013 10:24 AM	1/22/1980
000905335	00032012270	ZZZPERIBIRTH	ADT	8/13/2013 9:52 AM	9/10/1985
000905390	00032012312	ZZZBGMC	HOLLY	8/15/2013 8:20 AM	2/15/1984
000905393	00032012353	ZZZBGMC	LEE	8/15/2013 5:07 PM	1/29/1982
000905395	00032012379	ZZZBGMC	CYNTHIA	8/15/2013 5:23 PM	12/23/1987
000905396	00032012387	ZZZBGMC	MICHELLE	8/15/2013 5:39 PM	8/9/1984
000905399	00032012411	ZZZBGMC	STACY	8/15/2013 6:08 PM	9/15/1981
000905400	00032012429	ZZZBGMC	ERICKA	8/16/2013 1:23 PM	10/2/1981
000905401	00032012437	ZZZBGMC	CORTNEY	8/16/2013 1:28 PM	9/14/1987
000905403	00032012452	ZZZTEST	ADMISSION	8/30/2013 10:14 AM	2/1/1985
000905392		ZZZBGMC	ANN		1/24/1985
09112013	00095678945	ZZZTEST	COREPOINT	9/11/2013 2:11 PM	3/3/1987
000905412	00032012551	ZZZPERIBIRTH	ADAMCORE	9/11/2013 2:20 PM	10/16/1961
091613		Epidural	Test	9/16/2013 1:10 PM	

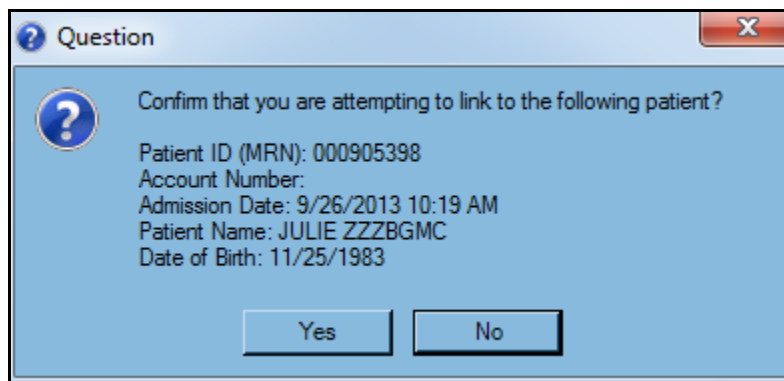
Refresh Link Cancel

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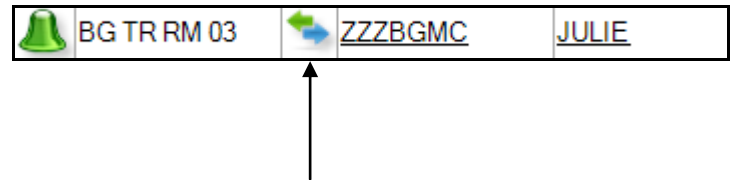
3. Click on the “Link” button.



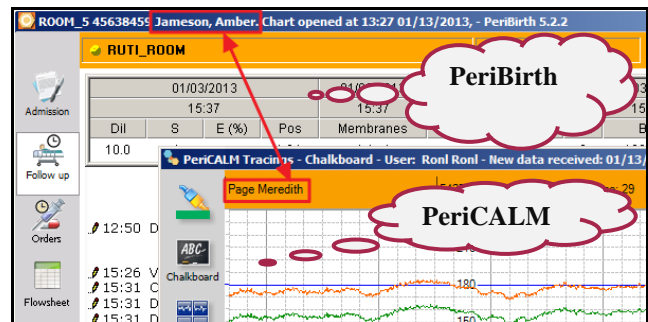
4. Confirm the account number, date of birth, and name, etc.



Patient link – creating a PeriBirth patient chart automatically creates a chart for this patient in PeriCalm and links the two via the patient’s MRN, enabling the automatic flow of patient data from one chart to the other. The green and blue arrows shows that the patient’s chart is linked to PeriBirth.



For scenarios where PeriBirth and Pericalm are running on the same workstation but showing different patients, the screen banner is highlighted in orange and an informative tooltip appears (when hovering over the banner) to notify the clinician of the mismatch.



The Epidural Start Time is displayed in the Audit Trail

Note: The Epidural Start Time (“Epidural”) will be a factor in the percentile calculations only if entered manually to the “Epidural” field in PeriCALM curve.

Observed Time	Entry Time	Entered by	Observation Type	Action	Value
10/03/2013 16:00:10	10/03/2013 16:00:10	Interface PeriBirth (CALMLINK)	Epidural	Created	Oct 03, 2013 16:00



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The “Maternal Position” field was updated and will now show the same options in both the Maternal Assessment card in PeriCALM and Vital Signs spreadsheet in PeriBirth.

Vital Signs		Oxygen Saturation	Vaginal Exam Spreadsheet	ROM	EFM - Fetus 1				
Time: MINUTE ▾	Temp	P	RR	O2 Sat	SBP	DBP	MAP	Position	
09/26/13 10:23	37.6	69	13	99.0	115	76	89	sitting	

Users can override the calculated Rupture Date by accessing the ROM card (accessible from Status Bar > Membranes) and checking the ‘Edit the ROM value calculated by PeriBirth’ checkbox, then documenting in the fields that are shown under the checkbox, in which case that edited time is streamed over to PeriCALM.

PeriBirth

ROM	Vaginal Exam Spreadsheet	EFM - Fetus 1	Vital Signs
Time: MINUTE ▾	Membranes Status	Fluid Amount	
09/26/13 10:24	intact		
+			
<input checked="" type="checkbox"/> Edit the ROM value calculated by PeriBirth			
Membranes			intact

PeriCalm

Add Annotation	
Maternal Assessment	Fetal Assessment Exam Probes Status
Observed Time: 10/03/2013 16:30:00	<input type="checkbox"/> Late <input type="checkbox"/> Mark <input type="checkbox"/> Event <input type="checkbox"/> Reviewed
SVE	Membranes
Dilatation: <input type="text"/>	Membrane Rupture: <input type="text"/>
Effacement: <input type="text"/>	Membrane Status: intact
Station: <input type="text"/>	Amniotic Fluid Quantity: <input type="text"/>
Fetal Presentation: <input type="text"/>	Amniotic Fluid Color: <input type="text"/>
Fetal Position: <input type="text"/>	Amniotic Fluid Odor: <input type="text"/>
Cervical Position: <input type="text"/>	
Cervical Consistency: <input type="text"/>	
<input type="button" value="Save"/> <input type="button" value="Strikeout"/> <input type="button" value="Cancel"/>	

Rupture Date is now calculated in PeriBirth as the earliest time in which any of the following were documented:

- Membranes Status entered as SROM or AROM on the Pelvic Exam or SpecExam cards
- Term PROM set to Exist
- Preterm PROM set to Exist
- ROM set to ruleout/suspected/exist on the Admission > Chief Complaint card
- Rupture Date documented on PeriCALM

For more assistance, contact the Clinical Informatics Coordinators assigned to your facility. There is a Clinical Informatics Coordinator available on-call 24/7 through the Support Desk. The Support Desk number is **AZ** -602-747-4444 (choose option 3) and **WR** - 970-350-6669 or 1-800-424-8930.