



SPARCRequest Version 2.1.0 New Features

1. (Code Maintenance) Rails Update to 5.0.3

In this new release, the application platform has been updated to use Rails 5.0.3 for better performance and stability.

2. (SPARCRequest) Step 1 Page Styling Bug Fixed when editing Oneself as an Authorized User (Open Source Suggestion)

On SPARCRequest Step 1 page, the re-rendered styling has been fixed when editing oneself as an authorized user on a protocol. The Edit Project/Study Information button is also functioning correctly now.

3. (SPARCRequest) Step 2A Page Improvements

In order to accelerate the loading speed of Step 2B (Visit Calendar) page, data creation (arms, visit_groups, line_item_visits, and visits) has been spread out to the Step 2A page to share the load, and improve the algorithm.

4. (SPARCRequest) Step 2B Protocol ID Displayed on Title

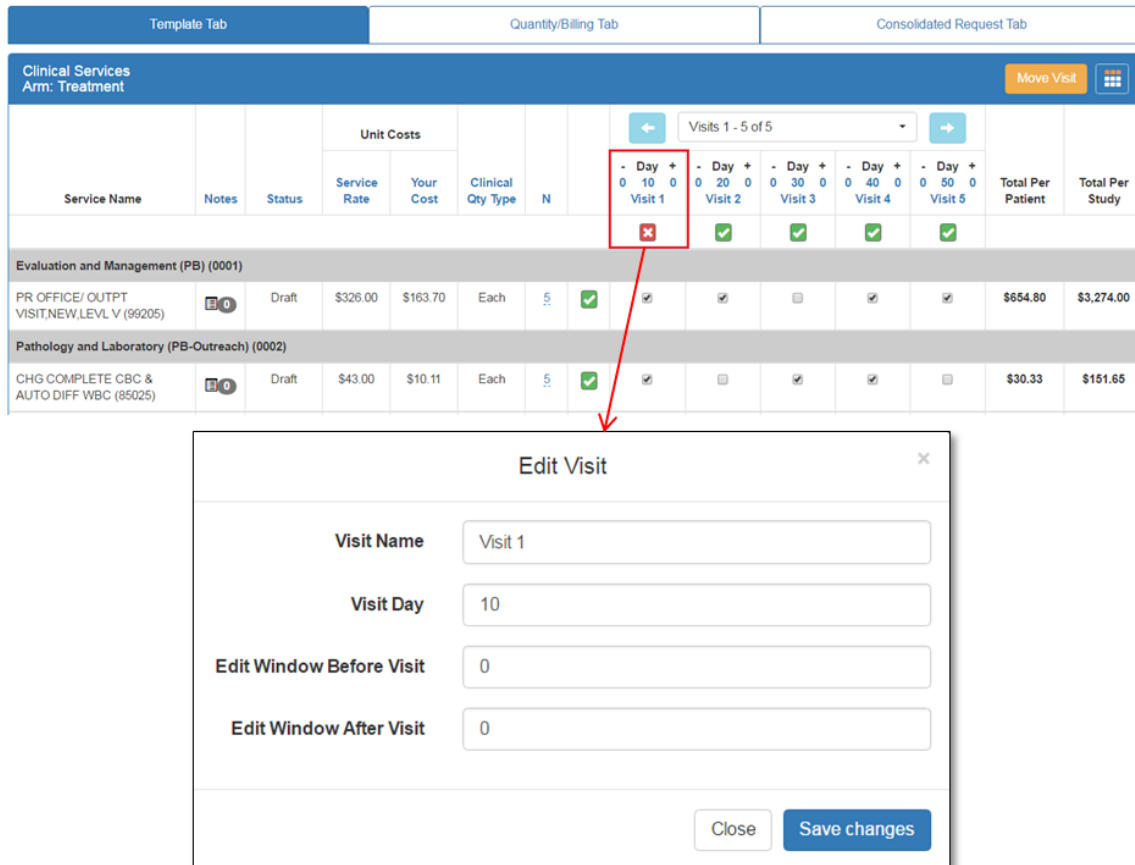
The Protocol ID was recently added into the SPARC shopping cart title, making it easier for users to see which protocol they are working on. To expand on this concept, the Protocol ID has also been added to the top of the Step 2B page, since the shopping cart is not displayed on this page.

STEP 2B: Visit Calendar (SRID: 10777)

Template Tab			Quantity/Billing Tab				Consolidated Request Tab				
Clinical Services Arm: CCTA Scan IV Contrast										Move Visit	
Service Name	Notes	Status	Unit Costs		Clinical Qty Type	N	Visits 1 - 1 of 1		Total Per Patient	Total Per Study	
			Service Rate	Your Cost			- Day +	0 1 0			
CT Scan (0002)											
HB CTA HEART W/ 3D IMAGE (75574)		Get a Cost Estimate	\$3,761.00	\$714.59	Each	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	\$0.00	\$0.00	
Radiology (PB) (0003)											
CHG CT ANGIO HRT CORNRY ART/ BYPASS GRFTS CONTRST 3D POST (75574)		Get a Cost Estimate	\$694.00	\$200.00	Each	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	\$200.00	\$200.00	

5. (SPARCRequest) Step 2B: Quantity/Billing Tab Group Edit into One Window

On SPARCRequest Step 2B Quantity/Billing tab, now when clicking any of the R/T/% on a visit, one popup window appears with all (existing validations remain the same).



The screenshot shows the 'Quantity/Billing Tab' in SPARCRequest. It features a table with columns for 'Service Name', 'Notes', 'Status', 'Unit Costs' (Service Rate, Your Cost, Clinical Qty Type, N), and five visit columns (Visit 1-5) with 'Day' and 'R/T/%' sub-columns. A red box highlights the 'Day' and 'R/T/%' fields for 'Visit 1', with a red arrow pointing to the 'Edit Visit' popup window below. The popup window contains the following fields:

- Visit Name: Visit 1
- Visit Day: 10
- Edit Window Before Visit: 0
- Edit Window After Visit: 0

Buttons for 'Close' and 'Save changes' are located at the bottom right of the popup.

6. (SPARCRequest) Step 2B: Calendar Query and Rendering Improvement for Visits

Previously, when users would edit a large calendar (i.e., 3+ arms, and 20+ visits on each arm), the rendering time when using the individual checkboxes on the "Template Tab" and/or changing the R/T/% values on the "Billing/Quantity Tab" was resulting in a longer than normal wait time. The algorithm/queries have been improved in this production on the Step 2B visit revisions to significantly shorten the wait time.

SPARC Request

Research Made Easy

STEP 2B: Visit Calendar (SRID: 10851)

Template Tab			Quantity/Billing Tab				Consolidated Request Tab						
Clinical Services Arm: Intense PK Sampling										Move Visit			
Service Name	Notes	Status	Unit Costs		Clinical Qty Type	N	Visits 1 - 5 of 35					Total Per Patient	Total Per Study
			Service Rate	Your Cost			- Day + 3 -28 3 screen	- Day + 3 -7 3 BL	- Day + 3 1 3 C1D1	- Day + 3 4 3 C1D4	- Day + 3 8 3 C1D8		
Evaluation and Management (PB) (0002)													
PR OFFICE/ OUTPT VISIT,NEW,LEVEL III (99203)		Submitted	\$176.00	\$74.27	Each	6	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	\$0.00	\$0.00
PR OFFICE/ OUTPT VISIT,NEW,LEVEL I (99201)		Submitted	\$102.00	\$25.65	Each	6	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	\$0.00	\$0.00
PR OFFICE/ OUTPT VISIT,NEW,LEVEL II (99202)		Submitted	\$146.00	\$48.73	Each	6	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	\$0.00	\$0.00
PR OFFICE/ OUTPT VISIT,NEW,LEVEL IV (99204)		Submitted	\$258.00	\$125.94	Each	6	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	\$0.00	\$0.00
PR OFFICE/ OUTPT VISIT,NEW,LEVEL V (99205)		Submitted	\$326.00	\$163.70	Each	6	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	\$0.00	\$0.00
Cardiology (0003)													
HB EKG 12-LEAD TRACING ONLY (93005)		Submitted	\$92.00	\$17.48	Each	6	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	\$34.96	\$209.76
HB ECHO COMPLETE W/ DOPPLER&COLOR (93306)		Submitted	\$1,095.00	\$208.05	Each	6	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	\$0.00	\$0.00
HB ECHO TTE COMPLETE (93307)		Submitted	\$1,035.00	\$196.65	Each	6	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	\$0.00	\$0.00

Edit Billing Quantities

Research Billing Quantity:*

Insurance Billing Quantity:*

Effort Billing Quantity:*

Close Save

Service Name	Notes	Status	Service Rate	Your Cost	Clinical Qty Type	N	R T %												Total Per Patient	Total Per Study			
							3	-28	3	3	-7	3	3	1	3	3	4	3			3	3	3
Evaluation and Management (PB) (0002)																							
PR OFFICE/ OUTPT VISIT,NEW,LEVEL III (99203)		Submitted	\$176.00	\$74.27	Each	6	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	\$0.00	\$0.00
PR OFFICE/ OUTPT VISIT,NEW,LEVEL I (99201)		Submitted	\$102.00	\$25.65	Each	6	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	\$0.00	\$0.00
PR OFFICE/ OUTPT VISIT,NEW,LEVEL II (99202)		Submitted	\$146.00	\$48.73	Each	6	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	\$0.00	\$0.00
PR OFFICE/ OUTPT VISIT,NEW,LEVEL IV (99204)		Submitted	\$258.00	\$125.94	Each	6	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	\$0.00	\$0.00
PR OFFICE/ OUTPT VISIT,NEW,LEVEL V (99205)		Submitted	\$326.00	\$163.70	Each	6	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	\$0.00	\$0.00
Cardiology (0003)																							
HB EKG 12-LEAD TRACING ONLY (93005)		Submitted	\$92.00	\$17.48	Each	6	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	\$34.96	\$209.76
HB ECHO COMPLETE W/ DOPPLER&COLOR (93306)		Submitted	\$1,095.00	\$208.05	Each	6	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	\$0.00
HB ECHO TTE COMPLETE (93307)		Submitted	\$1,035.00	\$196.65	Each	6	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0.00	\$0.00
Lab (0007)																							
HB HEPATITIS B CORE ANTIBODY IGM N (86705)		Submitted	\$110.00	\$20.90	Each	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$20.90	\$125.40
HB HUMAN CHORIONIC GONADOTROPIN (84702)		Submitted	\$230.00	\$43.70	Each	6	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	\$87.40	\$824.40



7. (SPARCRequest) Step 4 Survey Submission Long Process Time

Previously, on the SPARCRequest Step 4 page when a user clicked the "submit" or "get cost estimate" button(s) (on a big protocol), it could take more than a minute before the next page (Step 5) loaded. The long loading time was caused by the process time of sending emails to a long list of service providers. The speed has been improved with v2.1.0.

8. (SPARCRequest) Withdrawn Status Bug Fixed

As one of the "finished_statuses" in application.yml, "Withdrawn" status was not behaving the same as "Complete." When an SSR was in withdrawn status, and the user went through "Modify Request" to the SPARCRequest shopping cart page, it was not allowing the user to add another service under the same service provider. This bug has been fixed.

9. (SPARCRequest) Step 4 Multi-click Bug Fixed

Multi-click(s) on the SPARCRequest Step 4 Page button(s) (Submit, Save as Draft, Get Cost Estimate) have been disabled to avoid multiple emails and time stamps being generated.

10. (SPARCRequest & SPARCDashboard) Visit Calendar New Feature: Freeze/Unfreeze Header Row

To better view big/long calendars, the "Freeze/Unfreeze" header row functionality has been added on the **SPARCRequest Step 2B** and **SPARCDashboard "Admin Edit"** pages.

When user(s) click on the "Freeze Header Row" button, the scrollable bar appears on the chosen arm of the calendar and the "Freeze Header Row" logo and tooltip is replaced by the ones for "Unfreeze Header Row." When the user clicks on the "Unfreeze Header Row" button, the scroll bar then disappears and the logo is switched back (see screenshots below).

SPARC Request

Research Made Easy

STEP 2B: Visit Calendar (SRID: 11032)

Template Tab			Quantity/Billing Tab				Consolidated Request Tab									
Clinical Services Arm: Screening Phase													Move Visit		Freeze Header Row	
Service Name	Notes	Status	Unit Costs		Clinical Qty	Type	N	Visits 1 - 5 of 11					Total Per Patient	Total Per Study		
			Service Rate	Your Cost				- Day + 2 5 2 Visit 1	- Day + 0 10 0 Visit 2	- Day + 0 15 0 Visit 3	- Day + 0 20 0 Visit 4	- Day + 0 25 0 Visit 5				
Room & Board (0001)																
HB MEDICAL VISIT EST LEVEL 1 (99211)		Submitted	\$100.00	\$19.00	Each	5		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	\$152.00	\$760.00		
Evaluation and Management (PB) (0002)																
PR EMERGENCY DEPT VISIT,LEVEL II (99282)		Submitted	\$190.00	\$40.41	Each	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	\$444.51	\$2,222.55		
Lab (0003)																
HB BONE ALKALINE PHOSPHATASE (84080)		Submitted	\$255.00	\$48.45	Each	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	\$436.05	\$2,180.25		
HB HEMATOCRIT-FLUID (85013)		Submitted	\$52.00	\$9.88	Each	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	\$79.04	\$395.20		
Pathology and Laboratory (PB) (0004)																
CHG ASSAY ALKAL PHOSPHATASE,ISOENZYMES (84080)		Submitted	\$90.00	\$20.17	Each	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	\$201.70	\$1,008.50		

Template Tab			Quantity/Billing Tab				Consolidated Request Tab									
Clinical Services Arm: Screening Phase													Move Visit		Unfreeze Header Row	
Service Name	Notes	Status	Unit Costs		Clinical Qty	Type	N	Visits 1 - 5 of 11					Total Per Patient	Total Per Study		
			Service Rate	Your Cost				- Day + 2 5 2 Visit 1	- Day + 0 10 0 Visit 2	- Day + 0 15 0 Visit 3	- Day + 0 20 0 Visit 4	- Day + 0 25 0 Visit 5				
Room & Board (0001)																
HB MEDICAL VISIT EST LEVEL 1 (99211)		Submitted	\$100.00	\$19.00	Each	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	\$152.00	\$760.00		
Evaluation and Management (PB) (0002)																
PR EMERGENCY DEPT VISIT,LEVEL II (99282)		Submitted	\$190.00	\$40.41	Each	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	\$444.51	\$2,222.55		
Lab (0003)																
HB BONE ALKALINE PHOSPHATASE (84080)		Submitted	\$255.00	\$48.45	Each	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	\$436.05	\$2,180.25		
HB HEMATOCRIT-FLUID (85013)		Submitted	\$52.00	\$9.88	Each	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	\$79.04	\$395.20		
Pathology and Laboratory (PB) (0004)																
CHG ASSAY ALKAL PHOSPHATASE,ISOENZYMES (84080)		Submitted	\$90.00	\$20.17	Each	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	\$201.70	\$1,008.50		

11. (SPARCRequest & SPARCDashboard) Indicator Added to Inactive Services

Previously there was no indication that a service had become inactive in SPARCRequest (through updates in SPARCCatalog). This was an issue when users would go back into an old (draft) protocol and submit, when the currently active services should be requested instead of the inactive services.

For better clarification and consistency across the system (this feature already exists for SPARCFulfillment), an "(Inactive)" visual cue has been added next to the services that are no longer available in SPARCCatalog. The visual "(Inactive)" cue appears on the shopping cart, Step 2B page (all three tabs), Step 4 page and in SPARCDashboard.

(SPARCRequest Shopping Cart)

My Services (SRID: 9475)	
Open	Completed
Technical Services (0001)	
HB EKG 12-LEAD TRACING ONLY (93005) (Inactive)	
Professional Services (0002)	
PB PR ECHO HEART XTHORACIC.COMPLETE W DOPPLER (93306) (Inactive)	
Radiology Services (0003)	
MUGA/EKG/LVEF (4122006) - Professional (78472) (Inactive)	
Radiology (0005)	
HB ANGIO INTERNAL MANN (75756)	

(SPARCRequest Step 2B: Visit Calendar)

STEP 2B: Visit Calendar (SRID: 9475)														
Template Tab			Quantity/Billing Tab				Consolidated Request Tab							
Clinical Services Arm: Screening Phase Move Visit														
Service Name	Notes	Status	Unit Costs		Clinical Qty Type	N	Visits 1 - 5 of 33					Total Per Patient	Total Per Study	
			Service Rate	Your Cost			- Day + 3 0 3 Screen	- Day + 3 1 3 IC1D1	- Day + 3 8 3 IC1D8	- Day + 3 22 3 IC1D22	- Day + 3 29 3 EIC2D1			
Professional Services > Medicine (except Anesthesiology) (0002)														
PB PR ECHO HEART XTHORACIC.COMPLETE W DOPPLER (93306) (Inactive)		Draft	\$1,151.00	\$62.49	Each	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	\$0.00	\$0.00
Radiology Services > Radiology Professional Services (0003)														
MUGA/EKG/LVEF (4122006) - Professional (78472) (Inactive)		Submitted	\$385.00	\$270.00	Each	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	\$0.00	\$0.00
Technical Services > TELEMETRY/EKG/ECG (0001)														
HB EKG 12-LEAD TRACING ONLY (93005) (Inactive)		Draft	\$92.00	\$27.32	Each	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	\$409.80	\$2,049.00
Investigational Drug Services (IDS) > Dispensing Fees (0004)														
IDS Category I-V (Oral Dispensing)		Complete	\$25.00	\$25.00	Each	5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	\$250.00	\$1,250.00
Rad (0005)														
HB ANGIO INTERNAL MANN (75756)		Draft	\$2,948.00	\$560.12	Each	5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	\$0.00	\$0.00



SPARC Request

Research Made Easy

(SPARCRequest Step 4: Review Your Request)

Clinical Services

Clinical Services Arm: Screening Phase													
Service Name	Notes	Status	Unit Costs		Clinical Qty Type	N	Visits 1 - 5 of 33					Total Per Patient	Total Per Study
			Service Rate	Your Cost			- Day + 3 0 3 Screen	- Day + 3 1 3 IC1D1	- Day + 3 8 3 IC1D8	- Day + 3 22 3 IC1D22	- Day + 3 29 3 EIC2D1		
Professional Services > Medicine (except Anesthesiology) (0002)													
PB PR ECHO HEART XTHORACIC.COMPLETE W DOPPLER (93306) <i>(Inactive)</i>		Draft	\$1,151.00	\$62.49	Each	5	1 - \$0.00	0 - \$0.00	0 - \$0.00	0 - \$0.00	0 - \$0.00	\$0.00	\$0.00
Radiology Services > Radiology Professional Services (0003)													
MUGA/EKG/LVEF (4122006) - Professional (78472) <i>(Inactive)</i>		Submitted	\$385.00	\$270.00	Each	5	1 - \$0.00	0 - \$0.00	0 - \$0.00	0 - \$0.00	0 - \$0.00	\$0.00	\$0.00
Technical Services > TELEMETRY/EKG/ECG (0001)													
HB EKG 12-LEAD TRACING ONLY (93005) <i>(Inactive)</i>		Draft	\$92.00	\$27.32	Each	5	1 - \$27.32	0 - \$0.00	0 - \$0.00	0 - \$0.00	0 - \$0.00	\$409.80	\$2,049.00
Investigational Drug Services (IDS) > Dispensing Fees (0004)													
IDS Category I-V (Oral Dispensing)		Complete	\$25.00	\$25.00	Each	5	0 - \$0.00	0 - \$0.00	1 - \$25.00	0 - \$0.00	0 - \$0.00	\$250.00	\$1,250.00
Rad (0005)													
HB ANGIO INTERNAL MANN (75756)		Draft	\$2,948.00	\$560.12	Each	5	0 - \$0.00	0 - \$0.00	0 - \$0.00	0 - \$0.00	0 - \$0.00	\$0.00	\$0.00

(SPARCDashboard: Admin Edit)

CTO#102453 > Technical Services (9475-0001) Notes 0

Status	Owner	Fulfillment	Technical Services Cost	Total Cost
Submitted	--Please Select--	Not enabled in SPARCCatalog.	\$2,049.00	\$7,246.20

Request Details
Clinical Services
Non-clinical Services
History
Notifications 0

Manage Arms

+ x @

Manage Visits

+ x @

Manage Services

+ x

Template Tab
Quantity/Billing Tab
Consolidated Request Tab

Clinical Services Arm: Screening Phase													
Service Name	Notes	Status	Unit Costs		Clinical Qty Type	N	Visits 1 - 5 of 33					Total Per Patient	Total Per Study
			Service Rate	Your Cost			- Day + 3 0 3 Screen	- Day + 3 1 3 IC1D1	- Day + 3 8 3 IC1D8	- Day + 3 22 3 IC1D22	- Day + 3 29 3 EIC2D1		
Professional Services > Medicine (except Anesthesiology) (0002)													
PB PR ECHO HEART XTHORACIC.COMPLETE W DOPPLER (93306) <i>(Inactive)</i>		Submitted	\$1,151.00	\$62.49	Each	5	1 - \$0.00	0 - \$0.00	0 - \$0.00	0 - \$0.00	0 - \$0.00	\$0.00	\$0.00
Radiology Services > Radiology Professional Services (0003)													
MUGA/EKG/LVEF (4122006) - Professional (78472) <i>(Inactive)</i>		Submitted	\$385.00	\$270.00	Each	5	1 - \$0.00	0 - \$0.00	0 - \$0.00	0 - \$0.00	0 - \$0.00	\$0.00	\$0.00
Technical Services > TELEMETRY/EKG/ECG (0001)													
HB EKG 12-LEAD TRACING ONLY (93005) <i>(Inactive)</i>		Submitted	\$92.00	\$27.32	Each	5	1 - \$27.32	0 - \$0.00	0 - \$0.00	0 - \$0.00	0 - \$0.00	\$409.80	\$2,049.00
Investigational Drug Services (IDS) > Dispensing Fees (0004)													
IDS Category I-V (Oral Dispensing)		Complete	\$25.00	\$25.00	Each	5	0 - \$0.00	0 - \$0.00	1 - \$25.00	0 - \$0.00	0 - \$0.00	\$250.00	\$1,250.00

12. (SPARCRequest & SPARCDashboard) Edit Study Information Bug Fixed for Converted Project

When editing a "Project" and changing the type to a "Study," a bug was discovered when saving without filling out the required fields (no validation errors occurred). The bug was caused by the protocol type being changed to "Study," while also being assigned an Epic study type. This bug has been fixed by not allowing a protocol type to be saved without passing the validation.

Study Information	
Research Master ID:	Not Available
Short Title:	Study questions
Study Title:	EasiCleanse and Biodegradable Basins
Proposal Funding Status:	Pending Funding
Potential Funding Source:	Investigator-Initiated/Industry-Sponsored
Sponsor Name:	COM
Publish Study in Epic:	Yes
Study Type Questions: The study type answers are not displayed although they were answered and stored in the database.	

13. (SPARCRequest & SPARCDashboard) Associated Users Table Overflow Bug Fixed for Firefox Browser

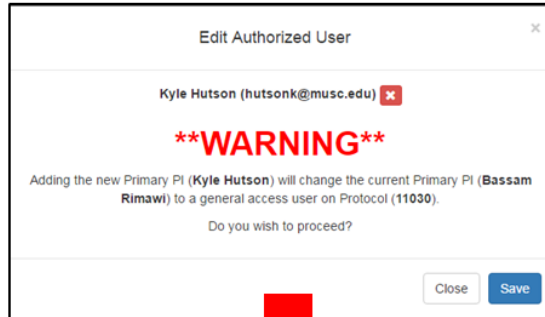
A bug has been fixed where the Authorized User Table content would overflow the set margin when using Firefox. See screenshot below for previous bug.

Authorized Users							
Full Name	Role	Email	Phone	Proxy Rights	EPIC EMR Access	Edit	Delete
Gary Headden	Primary PI	headdeng@musc.edu	2-4093	Authorize/Change Study Charges	Yes		
Robert Houck	Research Assistant/Coordinator	houckr@musc.edu	2-3576	Authorize/Change Study Charges	Yes		
Jennifer Smith	Billing/Business Manager	smithjen@musc.edu	843-792-6731	Authorize/Change Study Charges	No		

↓

14. (SPARCRequest & SPARCDashboard) Switching PI Bug (LA CaTS Contribution)

On SPARCRequest and SPARCDashboard, a bug has been fixed that occurred when switching PIs (by adding a new primary PI on the protocol). The bug was causing the previous PI to be changed to the "Request/Approve Services" proxy right, which no longer exists. Now, the previous PI is defaulted to have the "Authorized/Change Study Charges" proxy right instead.



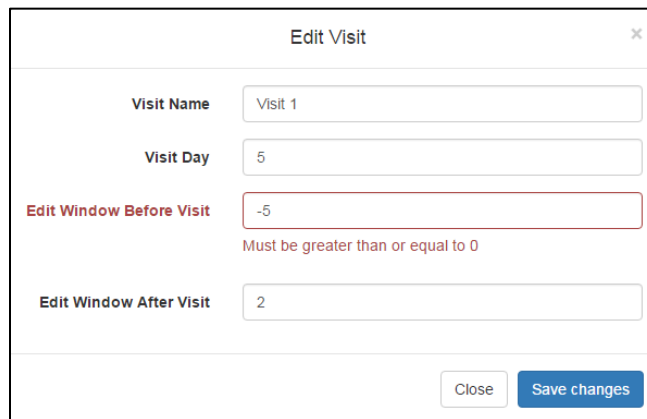
Authorized Users

When switching the PI (by adding a new Primary PI), the previous PI is no longer defaulted to a Proxy Right that does not exist anymore

Full Name	Role	Email	Phone	Proxy Rights	EPIC EMR Access	Edit	Delete
Bassam Rimawi	General Access User	rimawi@musc.edu	-	Authorize/Change Study Charges	Yes		
Kyle Hutson	Primary PI	hutsonk@musc.edu	843-792-0865	Authorize/Change Study Charges	Yes		

15. (SPARCRequest & SPARCDashboard) Visit Window and Billing Quantity Validation Added

When editing a visit, the windows are now not allowed to be negative. Visit Groups (R, T, %) and Visit Windows (before and after) cannot be negative any more. The negative visit window is not clinical meaningful, and was causing the Epic interface to fail.



Also, the billing quantity R/T/% is now not allowed to be negative, either. The integer only validation has been approved upon in this new release.

Edit Billing Quantities [X]

Research Billing Quantity must be greater than or equal to 0
Insurance Billing Quantity must be greater than or equal to 0
Effort Billing Quantity must be greater than or equal to 0

Research Billing Quantity:*

Insurance Billing Quantity:*

Effort Billing Quantity:*

[Close] [Save]

16. (SPARCRequest and SPARCDashboard) Allow xls and file to be Uploaded and Change Encrypted file error message

Users now receive a more specific error message when uploading Excel documents with the ".xls" format for those that contain a password. The error message states that the "Document has format errors. Please re-save the file in a different format and try again."

Add Document [X]

Document has format errors. Please re-save the file in a different format and try again.

Document Type:*

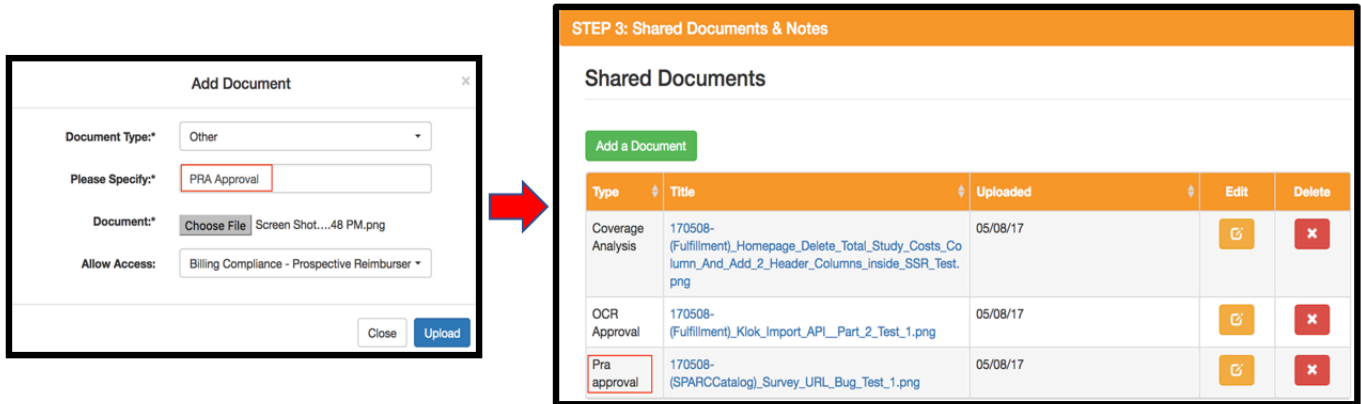
Document:* 170413-servi... 17 (4).xlsx

Allow Access:

[Close] [Upload]

17. (SPARCRequest & SPARCDashboard) Other Document Name Capitalization Bug Fixed

When uploading a document with the "Other" document type on **SPARCRequest Step 3** page or the **SPARCDashboard** protocol "Documents" section, the displayed "Type" column was not holding the capitalization of the naming, except for the first letter. This has been fixed.



18. (SPARCRequest, SPARCDashboard, SPARCCatalog & SPARCReport) Service Type Language and Arm Name Styling

In order to differentiate the arm names and clarify the service type nomenclature on the **SPARCRequest Step 2B** and **SPARCDashboard** study calendar, the following has been done:

- 1). Previous "Per Patient/Visit Services" label(s) have been changed to "Clinical Services";
- 2). Removal of the "--" in between the service label and the arm name. The arm name is now also displayed on a new line underneath, noted with "Arm: ".
- 3). Previous "One-time-fee Services" label(s) have been changed to "Non-clinical Services".
- 4). Labels have been changed on related reports as well.

Clinical Services Arm: Procedure												Move Visit	
Service Name	Notes	Status	Unit Costs		Clinical Qty Type	N	Visits 1 - 1 of 1		Total Per Patient	Total Per Study			
			Service Rate	Your Cost			- Day 0 2 0	+ Visit 1					
Pathology and Laboratory (PB-Outreach) (0001)													
CHG COMPLETE CBC & AUTO DIFF WBC (85025)		Draft	\$43.00	\$10.11	Each	3	0	2	0	\$0.00	\$0.00		

SPARC Request

Research Made Easy

Non-clinical Services								
Service Name	Notes	Status	Unit Costs		Unit Type #	Qty Type #	Total Per Study	
			Service Rate	Your Cost				
MUSC > SCTR > REDCap (0001)								
REDCap for RESEARCH projects (consultation or presentation)		Active	\$0.00	\$0.00	N/A	Hours	1	\$0.00

Medical University of South Carolina / South Carolina Clinical and Translational Research Institute (SCTR) / SUCCESS Center / Recruitment Services / ResearchMatch.org Liaison Services

Actions:

General Information

SPARCCatalog

Program
Core
Name
Abbreviation
Description
Order
 Non-clinical (Non-Patient/Visit) Services
 Display in SPARC
Form Functionality [Add New Form](#)
Tags Administrative approvals Required forms Epic

19. (SPARCDashboard & Database) Merge Multiple Service Requests for All Protocols

Using a previously established script (merge_srs.rake), now all the multiple Service Requests under the same protocol have been merged. See below for the “before” and “after” comparison screenshots on the same protocol.

SPARC Request

Research Made Easy

Before



After

Service Requests

View Consolidated Request | Export Consolidated Request

Service Request: 7591 - Draft - 12/19/12

Modify Request | Coverage Analysis Report

SRID	Organization	Owner	Status	Notifications	Actions
5700-002	Cores & Facilities/Center for Oral Health Research/COHR: microCT and Digital Imaging	Courtney Haycraft	Invoiced	Send Notification -	View Admin Edit

Service Request: 7634 - Submitted - 01/11/13

Modify Request | Coverage Analysis Report

SRID	Organization	Owner	Status	Notifications	Actions
5700-003	Cores & Facilities/Center for Oral Health Research/COHR: microCT and Digital Imaging	Courtney Haycraft	Invoiced	Send Notification -	View Admin Edit

Service Request: 7638 - Draft - 11/19/12

Modify Request | Coverage Analysis Report

SRID	Organization	Owner	Status	Notifications	Actions
5700-004	Cores & Facilities/Center for Oral Health Research/COHR: microCT and Digital Imaging	Courtney Haycraft	Invoiced	Send Notification -	View Admin Edit

Service Request: 7722 - Submitted - 11/20/12

Modify Request | Coverage Analysis Report

SRID	Organization	Owner	Status	Notifications	Actions
5700-005	Cores & Facilities/Center for Oral Health Research/COHR: microCT and Digital Imaging	Courtney Haycraft	Invoiced	Send Notification -	View Admin Edit

Service Requests

View Consolidated Request | Export Consolidated Request

Service Request: 959055 - Submitted - 03/26/16

Add / Modify Request | Coverage Analysis Report

SRID	Organization	Owner	Status	Notifications	Actions
5700-002	Cores & Facilities/Center for Oral Health Research/COHR: microCT and Digital Imaging	Courtney Haycraft	Invoiced	Send Notification -	View Admin Edit
5700-003	Cores & Facilities/Center for Oral Health Research/COHR: microCT and Digital Imaging	Courtney Haycraft	Invoiced	Send Notification -	View Admin Edit
5700-004	Cores & Facilities/Center for Oral Health Research/COHR: microCT and Digital Imaging	Courtney Haycraft	Invoiced	Send Notification -	View Admin Edit
5700-005	Cores & Facilities/Center for Oral Health Research/COHR: microCT and Digital Imaging	Courtney Haycraft	Invoiced	Send Notification -	View Admin Edit
5700-006	Cores & Facilities/Center for Oral Health Research/COHR: Histology and Pathology Services	Courtney Haycraft	Invoiced	Send Notification -	View Admin Edit
5700-009	Cores & Facilities/Center for Oral Health Research/COHR: Animal and Tissue Array Services	Courtney Haycraft	Invoiced	Send Notification -	View Admin Edit
5700-010	Cores & Facilities/Center for Oral Health Research/COHR: Histology and Pathology Services	Courtney Haycraft	Invoiced	Send Notification -	View Admin Edit
5700-011	Cores & Facilities/Center for Oral Health Research/COHR: Animal and Tissue Array Services	Courtney Haycraft	Invoiced	Send Notification -	View Admin Edit
5700-012	Cores & Facilities/Center for Oral Health Research/COHR: Histology and Pathology Services	Courtney Haycraft	Invoiced	Send Notification -	View Admin Edit
5700-015	Cores & Facilities/Center for Oral Health Research/COHR: Animal and Tissue Array Services	Courtney Haycraft	Invoiced	Send Notification -	View Admin Edit

20. (SPARCDashboard) Persist Search Filter Values

When filtering using the protocol filter, the search dropdown choice and search text were reset once clicking “Filter” on the SPARCDashboard. The values are now persistent after filtering, so that a user can sort by different columns without losing the search criteria.

Filter Protocols Save | Reset

Authorized User Brady

Archived

Status - Any -

Organization - Any -

Owner - Any -

My Protocols

My Admin Protocols

Filter

Protocols

Displaying all 4 protocols

Exporter | + New Protocol

ID	Short Title	PI(s)	Requests
10343	Incidence of Opioid Dependence, Overdose and Overdose-Deaths	Jenna Mocauley	Requests
6666	CISD SRNAs	Maisie Cahill	Requests
6300	Effects of sleep disruption	Kelly Barth	
5724	SCTR Funded Pilot Project - Back	Sudie Back	Requests

21. (SPARCDashboard) Homepage Saved Filter New Features

The maximum number of “Recently Saved Filters” allowed on the SPARCDashboard home page left panel has been increased to 15. Secondly, users are now able to delete previously saved filters.

The screenshot displays the SPARCDashboard interface. On the left, the 'Filter Protocols' sidebar includes search and filter options. A red box highlights the 'Recently Saved Filters' section, which lists 15 filters, each with a delete icon (X). The main area shows a table of protocols with columns for ID, Short Title, PI(s), Requests, and Archive. The table is titled 'Protocols' and indicates 'Displaying protocols 1 - 30 of 462 in total'. Buttons for 'Exporter' and '+ New Protocol' are visible at the top right of the table.

ID	Short Title	PI(s)	Requests	Archive
5550	Urinary markers for determination of intravascular volume depletion	Line Malha	Requests	Archive Project
5496	SUCCESS	Laura Carpenter	Requests	Archive Study
5488	Slow Flow vs. Standard Nipple in Preterm Feeding	Katlyn Mcgrattan	Requests	Archive Study
5559	TMS Oplate	Mark George	Requests	Archive Study
5560	POPAI Flow	Diane Kamen	Requests	Archive Project
5565	Pigment Epithelium Derived Factor role in attenuating Age Related Macular Degeneration	Zsolt Ablonczy	Requests	Archive Study
5566	DKI in Stroke	Jens Jensen	Requests	Archive Project
5575	Interprofessional Nursing Pharmacy DI project	Donna Harrison	Requests	Archive Study
2813	Resistant	Brent Egan	Requests	Archive Study
5239	Study of AA	Azizul Haque	Requests	Archive Study
5241	Prospective and Retrospective analysis of HHVs and Immunity in BC patients	Jessica Thaxton	Requests	Archive Study
5245	Thromboxane Receptors in Bladder Cancer	Omar Moussa	Requests	Archive Study
5259	Study:Effects of second-hand smoke on cognitive function and chronic rhinosinusitis	Zachary Soler	Requests	Archive Study
5748	Pain Management for Pediatric Wrist and Forearm Fractures	Rachel Tuuri	Requests	Archive Study
5749	Sea Isles	Christine Carr	Requests	Archive Study
5758	Flo Trac Device to Guide Fluid and Vasopressor Management	William Hand	Requests	Archive Study

22. (SPARCDashboard) New Index Page Export Functionality

On the SPARCDashboard home page, users can now export and download the list of displayed protocols with the information shown, by clicking the new “Exporter” button on the page.

Protocols
Displaying protocols 1 - 30 of 6108 in total

[Exporter](#) [+ New Protocol](#)

ID	Short Title	PI(s)	Requests
11024	Birthing Experience of Obese Partuents: Quality of Care During Pregnancy, Labor and Delivery	Ebony Hilton	Requests
11023	2017 AAHRPP Site Visit	Lynn Veatch	Requests
11022	CTO#102672	Juan Varela	Requests
11020	Chart Review: Human Cerebral Vascular Autoregulation and Venous Outflow in Response to ...	Donna Roberts	Requests
11019	LTF-303	Julie Kanter	Requests
11018	NLP on SD	Vivienne Zhu	Requests

Protocol ID	Project/Study	Short Title	Primary Principal Investigator(s)
11024	Study	Birthing Experience of Obese Partuents: Quality of Care During Pregnancy, Labor and Delivery	Ebony Hilton
11023	Study	2017 AAHRPP Site Visit	Lynn Veatch
11022	Study	CTO#102672	Juan Varela
11020	Project	Chart Review: Human Cerebral Vascular Autoregulation and Venous Outflow in Response to Microgravity-Induced Cephalad Fluid Redistribution	Donna Roberts
11019	Study	LTF-303	Julie Kanter
11018	Study	NLP on SD	Vivienne Zhu

23. (SPARCDashboard) Archive/Unarchive Buttons Moved to Inside Protocols

The “Archive/Unarchive Project/Study” button has been removed from the SPARCDashboard homepage. This button now displays inside of protocols with white color as background. This button was moved so users are less tempted to click it unintentionally.

Project Summary Project Notes 0 [View Project Details](#) [Edit Project Information](#) [Archive Project](#)

Project ID: 5724
Title: PTSD and Addiction: Neural Mechanisms of Integrative Treatment Response
Short Title: SCTR Funded Pilot Project - Back
Potential Funding Source: Internal Funded Pilot Project

Authorized Users

[Add an Authorized User](#) [Refresh](#) [Print](#) [Grid](#)

Full Name	Role	Email	Phone	Proxy Rights	Edit	Delete
Sudie Back	Primary PI	backs@musc.edu	843-792-9383	Authorize/Change Study Charges	Edit	Delete
Dayan Ranwala	General Access User	ranwala@musc.edu	(843) 792-1498	-	Edit	Delete
Kathleen Brady	Co-Investigator	bradyk@musc.edu	(843) 792-5215	Member Only	Edit	Delete
Colleen Hanlon	Co-Investigator	hanlon@musc.edu	792-5732	Member Only	Edit	Delete

24. (SPARCDashboard) Authorized User Search Bug Fixed

A bug has been fixed where a new protocol was created without any sub-service requests. Users could view the protocol under “My Protocols” in SPARCDashboard, but when filtering using the Authorized User search functionality while viewing “My Protocols,” the protocol did not display.

25. (SPARCDashboard) Default Display Order by Request Number

On SPARCDashboard inside a chosen protocol, the “SRID” column now displays according to the sequence of the request number, instead of the order in the database.

The screenshot shows the 'Service Requests' interface for a protocol. At the top, there are buttons for 'View Consolidated Request' and 'Export Consolidated Request'. Below that, a header bar displays 'Service Request: 1495113 - Draft - 06/20/17' along with 'Add / Modify Request' and 'Coverage Analysis Report' buttons. A search bar and view options are also present. The main table lists 10 requests, with the 'SRID' column highlighted by a red box. The requests are ordered by their SRID values from 11046-0001 to 11046-0010.

SRID	Organization	Owner	Status	Notifications	Actions
11046-0001	Hospital Services -Technical (HB)/Room and Board	-	Draft	Send Notification	View Admin Edit
11046-0002	PB - Hospital/MUHA Outpatient Facility/Evaluation and Management (PB)	-	Draft	Send Notification	View Admin Edit
11046-0003	Research Medications/Drugs/Investigational Drug Services (IDS)	-	Draft	Send Notification	View Admin Edit
11046-0004	Hospital Services -Technical (HB)/Laboratory	-	Draft	Send Notification	View Admin Edit
11046-0005	Hospital Services -Technical (HB)/Operating Room Services	-	Draft	Send Notification	View Admin Edit
11046-0006	PB - Hospital/MUHA Outpatient Facility/Surgery (PB)	-	Draft	Send Notification	View Admin Edit
11046-0008	SCTR/Research Nexus	-	Draft	Send Notification	View Admin Edit
11046-0009	Hospital Services -Technical (HB)/Cardiology	-	Draft	Send Notification	View Admin Edit
11046-0010	PB - Hospital/MUHA Outpatient Facility/Medicine (PB)	-	Draft	Send Notification	View Admin Edit

26. (SPARCDashboard) "Modify Request" Button Naming Updated

On SPARCDashboard, inside of a protocol, the naming of the "Modify Request" button has been changed to "Add / Modify Request." The renaming was done to clarify the functionality of this button - Add new request(s) or Edit existing request(s).

Service Requests View Consolidated Request | Export Consolidated Request

Service Request: 1489049 - Submitted - 06/15/17 Add / Modify Request | Coverage Analysis Report

Search ↻ 📄 ☰

SRID	Organization	Owner	Status	Notifications	Actions
11027-0001	Hospital Services -Technical (HB)/Cardiology	-	Submitted	Send Notification	View Edit Admin Edit
11027-0002	Hospital Services -Technical (HB)/Room and Board	-	Submitted	Send Notification	View Edit Admin Edit

27. (SPARCDashboard) Coverage Analysis Report Improvements

Improvements have been made to the Coverage Analysis Report, which is generated by clicking the corresponding button on SPARCDashboard inside of a chosen protocol.

Service Requests View Consolidated Request | Export Consolidated Request

Service Request: 1499911 - Submitted - 06/30/17 Add / Modify Request | Coverage Analysis Report

Search ↻ 📄 ☰

SRID	Organization	Owner	Status	Notifications	Actions
11067-0001	SCTR/Biostatistics, Design, & Epidemiology	-	Submitted	Send Notification	View Edit Admin Edit
11067-0002	SCTR/Research Nexus	-	Submitted	Send Notification	View Edit Admin Edit

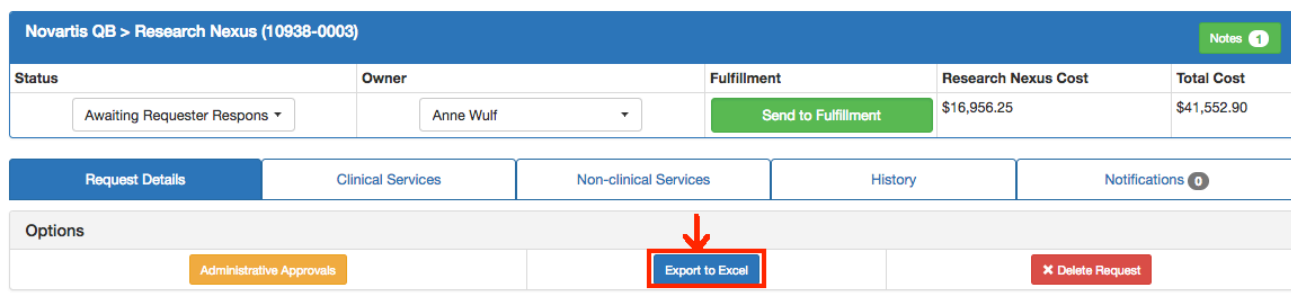
The main report improvements include:

- 1) "Study Information" section: bug fixed for Long Title display;
- 2) "Document Upload(s)" section: consolidated the document list, and added "Upload Date," so that each document only shows up once;
- 3) "Study Calendar" section: added "CPT Code" and "Order Code" columns, with the "CPT Code" column pulling corresponding data from **SPARCCatalog**;
- 4) "Study Calendar" section: added a "Notes" column to display the added notes with date and person;
- 5) "Study Calendar" section: adjusted the format of the calendar for the ease of view, and added the display of Visit Day;
- 6) In addition, the generalized acknowledgement language and the signature section was added to the bottom of this report for use of billing review process.

Study Information												
Study ID	11067											
Short Title	Test0630_WH											
Study Title	Test0630_WH											
Funding Source	College Department											
Authorized Users												
Name	Role	Proxy Rights										
Lella Forney	Primary PI	Authorize/Change Study Charges										
Wenjun He	Co-Investigator	Authorize/Change Study Charges										
Document Uploads												
Name	Type	Uploaded Date										
Selected Services												
CPT Code	Order Code	Notes	Your Cost	# of Subjects	Visit 1			Total Per Patient	Total Per Study			
Screening Phase					1							
MUSC > SCTR > Research Nexus					R T							
Ambulatory Pump Refill (96521)	96521	* test note - 06/30/17 by Wenjun He * notes - 06/30/17 by Wenjun He	\$51.30	1	1	0	\$51.30	\$51.30				
IV Infusion with Ambulatory Pump (96416)	96416	* rain check - 06/30/17 by Wenjun He	\$118.75	1	1	0	\$118.75	\$118.75				
Selected Services												
CPT Code	Order Code	Notes	Your Cost	# of Subjects	Visit 1			Visit 2	Visit 3	Total Per Patient	Total Per Study	
Arm 1					10			20	30			
MUSC > SCTR > Research Nexus					R T			R T	R T			
Ambulatory Pump Refill (96521)	96521		\$51.30	1	1	0	1	0	1	0	\$153.90	\$153.90
IV Infusion with Ambulatory Pump (96416)	96416		\$118.75	1	1	0	1	0	1	0	\$237.50	\$237.50
Selected Services												
Other Services												
MUSC > SCTR > Biostats			\$0.00								\$0.00	
Biostatistical Education											Total Cost	\$561.45
<p>The Signatures of the Principal Investigator and Study Delegate (study coordinator, grants administrator, etc.) indicate that this Study Calendar has been reviewed; the _____ billable services have been identified and the highlighted services should be included in an order set for unlicensed staff to process standing orders for the above identified study.</p> <p>Principal Investigator Signature: _____ Date: _____</p> <p>Study Delegate Signature: _____ Date: _____</p> <p>Delegate Signature: _____ Date: _____</p>												

28. (SPARCDashboard) Export to Excel Adjustment

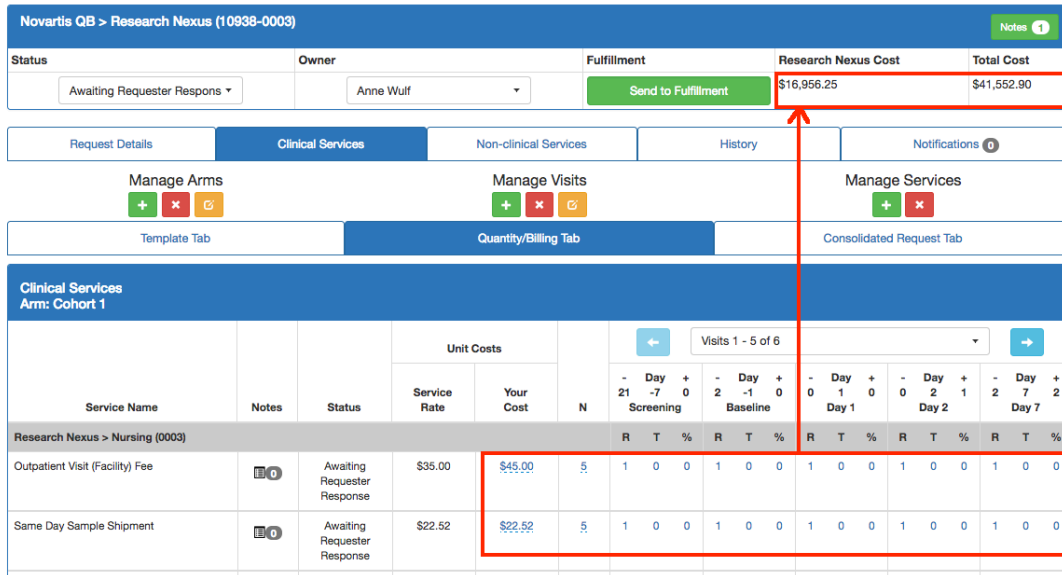
On the SPARCDashboard "Request Details" tab, when clicking the "Export to Excel" button, two adjustments have been made on the generated report:



- 1). Visit days have been added onto the row below the visit name(s), as well as merging and centering the two columns for each visit day;
- 2). The previous "Total Direct Cost" and "Total Indirect Cost" rows have been deleted from this report. This was done because the direct cost to the service provider and the total study are already shown in this report.

29. (SPARCDashboard) Costs in Header Table Updating Bug Fixed

When editing the calendar in the SPARCDashboard “Admin Edit” section that triggers a price change, the “Sub-service-request Cost” and the “Total Cost” showing in the header region was not automatically updating (unless the user refreshes the browser page). This bug has been fixed.

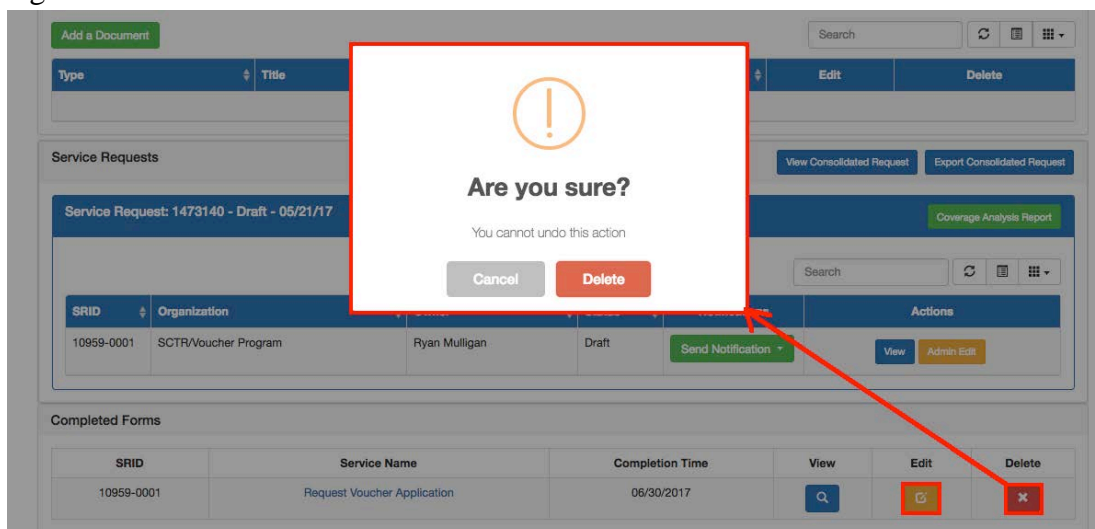


Novartis QB > Research Nexus (10938-0003)									
Status	Owner	Fulfillment	Research Nexus Cost			Total Cost			
Awaiting Requester Respons	Anne Wulf	Send to Fulfillment	\$16,956.25			\$41,552.90			

Service Name	Notes	Status	Unit Costs		N	Screening			Baseline			Day 1			Day 2			Day 7		
			Service Rate	Your Cost		-	Day	+	-	Day	+	-	Day	+	-	Day	+	-	Day	+
Outpatient Visit (Facility) Fee		Awaiting Requester Response	\$35.00	\$45.00	5	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0
Same Day Sample Shipment		Awaiting Requester Response	\$22.52	\$22.52	5	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0

30. (SPARCDashboard) Form Functionality Admin User Access Bug Fixed (LA CaTS Contribution)

There was a bug where the service providers and super users, who have rights to the chosen request, couldn’t edit or delete the answers on a submitted form by the study team user. This bug has been fixed.

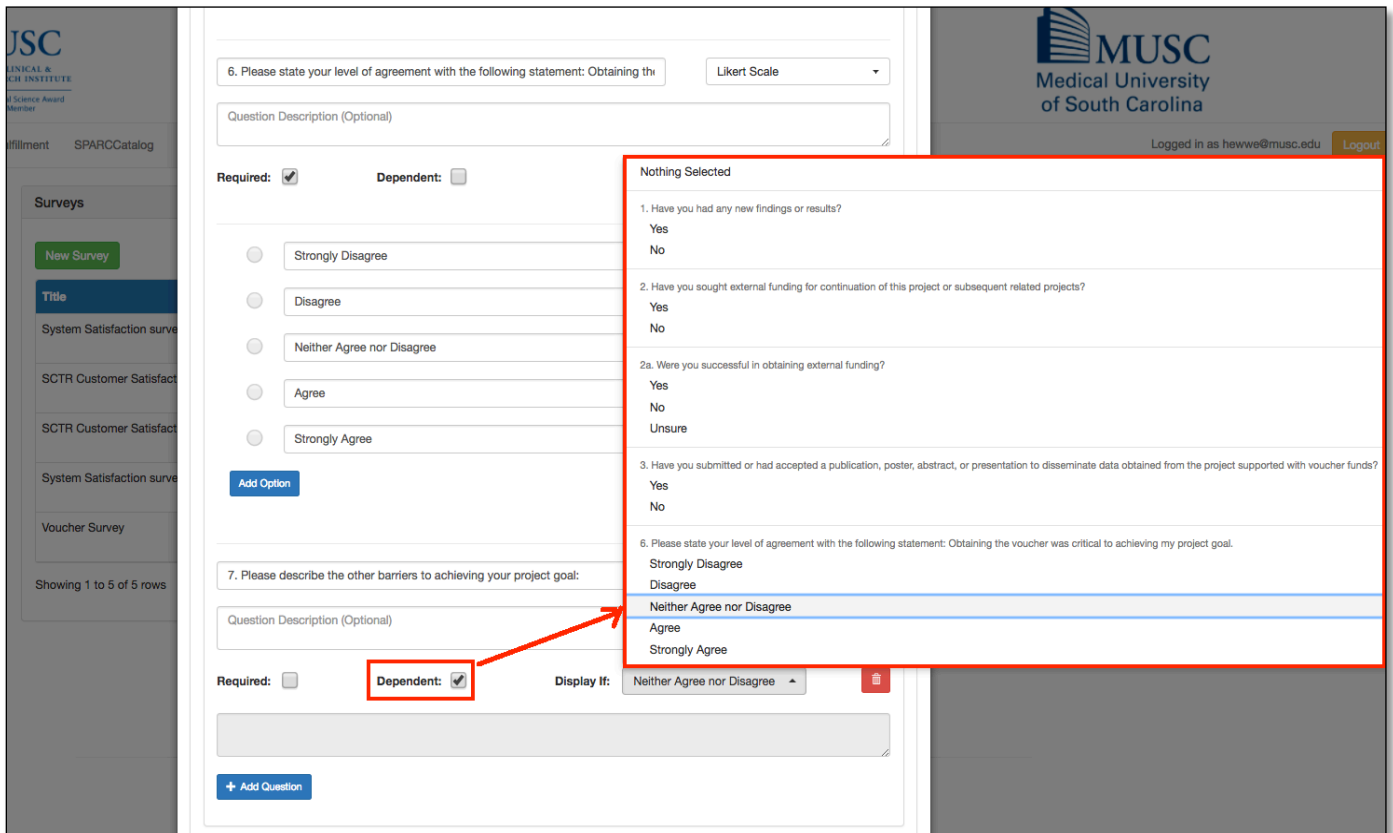


SRID	Organization	Completion Time	View	Edit	Delete
10959-0001	SCTR/Voucher Program	06/30/2017			

31. (SPARCDashboard) Survey Builder Bug Fixes

The following bugs have been fixed for the Survey Builder section on SPARCDashboard:

- 1). The bug that was causing the date time picker and multiple-choice dropdown list to not display for the survey participant;
- 2). The dependency bug for required questions when checking "Required" for a question that's "Dependent" on another question, and the dependent question was not triggered. In this scenario, the users taking the survey were not able to "Submit" the survey because the validation was failing silently. The validation has been improved in this production to validate the required question only when it is displayed (triggered by the dependent parent question).
- 3). Branching/Dependent logic for Likert Scale or Yes/No questions. There were bugs causing the "Yes/No" question to not show up in the dependent list of a survey to be chosen from. This bug was also causing the dependent question, on a parent Likert-scale question, to not be triggered.



The screenshot displays the SPARC Survey Builder interface. On the left, there is a sidebar with navigation options like 'Surveys', 'New Survey', and a list of existing surveys. The main area shows a question editor for a Likert Scale question (Question 6). The question text is '6. Please state your level of agreement with the following statement: Obtaining the voucher was critical to achieving my project goal.' The 'Required' checkbox is checked, and the 'Dependent' checkbox is also checked. Below the question, there are five radio button options: 'Strongly Disagree', 'Disagree', 'Neither Agree nor Disagree', 'Agree', and 'Strongly Agree'. A red box highlights the 'Dependent' checkbox and the 'Display If:' dropdown menu, which is currently set to 'Neither Agree nor Disagree'. A red arrow points from the 'Dependent' checkbox to the 'Display If:' dropdown. To the right, a preview window shows the question as it would appear to a survey participant. The preview shows the question text and the five radio button options. The 'Neither Agree nor Disagree' option is highlighted in blue, indicating it is the selected option. The preview also shows the question number '6' and the question text.

4). The bug causing checkboxes on the survey builder to look differently between Google Chrome and Firefox browser(s).

32. (SPARCCatalog) Inactive Surveys Hidden in Survey Association Dropdown

The dropdown menu in the SPARCCatalog Surveys section is now only showing the current active surveys, to avoid linking an inactive survey.

Medical University of South Carolina / South Carolina Clinical and Translational Research Institute (SCTR)

Actions: Save

General Information

User Rights

Pricing

Surveys

Please select a survey

- SCTR Customer Satisfaction Survey Version 1
- System Satisfaction survey Version 1

New Associated Survey

rough email at the time of service completion.

Actions: Save

33. (SPARCCatalog) HB Services Quarterly Update

Hospital services have been updated in SPARC for Q2 according to the latest hospital charge master. This quarterly update included the addition of 64 new services, 7 inactivated services, as well as CPT code, name, and/or pricing changes for 76 HB services.

34. (SPARCReport) Service Pricing Report Adjustments

The following adjustments have been made to the Service Pricing report in SPARCReport module to make it more user-friendly.

- 1). "Rate Types" defaulted to all selected in order to avoid confusion;
- 2). Added a "Service Status" column in the report, to show whether the service is active or inactive;
- 3). The report is now only showing the pricing map with the most current effective date of each service.

Service Pricing

Pricing Date:

Institution:*

Provider:

Program:

Core:

Rate Types: Service Rate Federal Rate Corporate Rate Other Rate Member Rate

Create Report
Return to Reports List

	A	B	C	D	E	F	G	H	I	J
1	Report Generated:	2017-06-30								
2	# of Records:		223							
3										
4	Report Parameters									
5	Type:	Service Pricing								
6	Services Pricing Da	2017-06-30								
7	Institution:	MUSC								
8	Provider:	SCTR								
9	Program:	Research Nexus								
10	Rate Types:	["full_rate", "federal_rate", "corporate_rate", "other_rate", "member_rate"]								
11										
12	Institution	Provider	Program	Service	Service Status	Full Rate	Federal Rate	Corporate Rate	Other Rate	Member Rate
13	MUSC	SCTR	Research Nex	Protocol Review Fee	Inactive	\$500.00	\$0.00	\$500.00	\$0.00	\$0.00
14	MUSC	SCTR	Research Nex	Protocol Set-up Fee	Inactive	\$500.00	\$0.00	\$500.00	\$0.00	\$0.00
15	MUSC	SCTR	Research Nex	Subject Parking Validation	Inactive	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
16	MUSC	SCTR	Research Nex	Outpatient Visit (Facility) Fee	Active	\$35.00	\$35.00	\$45.00	\$35.00	\$35.00
17	MUSC	SCTR	Research Nex	IV Infusion: Chemotherapy Medication - 1st Hour (96413)	Active	\$419.00	\$79.61	\$79.61	\$79.61	\$79.61
18	MUSC	SCTR	Research Nex	IV Infusion: Continued After 1st Hour (Chemo, Non-Chemo) (9636)	Active	\$80.00	\$15.20	\$15.20	\$15.20	\$15.20
19	MUSC	SCTR	Research Nex	Vitals/Height/Weight/Pulse Ox (Simple)	Active	\$10.30	\$10.30	\$10.30	\$10.30	\$10.30
20	MUSC	SCTR	Research Nex	Subject Observation: Continuous 1-on-1 (Skilled Nurse)	Active	\$1.03	\$1.03	\$1.03	\$1.03	\$1.03
21	MUSC	SCTR	Research Nex	Serial Blood Collection	Active	\$15.45	\$15.45	\$15.45	\$15.45	\$15.45
22	MUSC	SCTR	Research Nex	IV Access	Active	\$10.30	\$10.30	\$10.30	\$10.30	\$10.30
23	MUSC	SCTR	Research Nex	Simple Urine Collection	Active	\$10.30	\$10.30	\$10.30	\$10.30	\$10.30
24	MUSC	SCTR	Research Nex	Urine Pregnancy Test (81025)	Active	\$85.00	\$12.35	\$12.35	\$12.35	\$12.35
25	MUSC	SCTR	Research Nex	Oral Medication Administration	Active	\$30.90	\$30.90	\$30.90	\$30.90	\$30.90
26	MUSC	SCTR	Research Nex	EKG (Technical Fee) (93005)	Active	\$92.00	\$17.48	\$17.48	\$17.48	\$17.48
27	MUSC	SCTR	Research Nex	Dip Urinalysis (81002)	Active	\$46.00	\$8.74	\$8.74	\$8.74	\$8.74
28	MUSC	SCTR	Research Nex	IM/SubQ/Intradermal Medication Administration (96372)	Active	\$55.00	\$10.45	\$10.45	\$10.45	\$10.45

35. (SPARCRequest, SPARCDashboard, SPARCReport) MUSC & SCTR Header Logos
 MUSC and SCTR logos have been updated across SPARCRequest modules, to be compliant with institutional policy.



SPARCFulfillment Version 2.5.5 New Features

1. (SPARCFulfillment) Total Cost Calculation is Now Configurable with Indirect Cost Rate

The calculation method for the "Total Cost" column, inside a request in fulfillment, is now calculating correctly (consistently) when the "indirect cost rate" configuration is turned on in SPARCRequest.

SPARCRequest

CTO#101860 > Research Nexus (5852-0001) Notes 1

Status Active	Owner Karen Packard	Fulfillment Go to Fulfillment	Research Nexus Cost \$36,205.20	Total Cost \$478,079.25
------------------	------------------------	--	---	-----------------------------------

Request Details | Clinical Services | Non-clinical Services | History | Notifications 0

Options

[Send to Epic](#) | [Administrative Approvals](#) | [Export to Excel](#) | [Delete Request](#)

SPARCFulfillment

SRID	Principal Investigator	Coordinators	Short Title	IRB #	IRB Expiration	Export	SPARCDashboard	Research Nexus Cost	Total Cost
5852 - 0001	Carolyn Britten	Coordinators	CTO#101860	Pro00022374	10/23/2017			\$36,205.20	\$478,079.25

Clinical Services | Participant Tracker | Non-clinical Services | Reports

Manage Arms

Manage Visits

Manage Services

2. (SPARCFulfillment) Service Type Language and Arm Name Styling

Service type language and arm name styling updates have been made throughout SPARCFulfillment module, to be consistent with SPARCRequest (see SPARCRequest New Feature List #18).

SPARC Request

Research Made Easy

[Clinical Services](#)
[Participant Tracker](#)
[Non-clinical Services](#)
[Reports](#)
1

Manage Arms



Manage Visits



Manage Services



[Template](#)
[Quantity/Billing Tab](#)
[Consolidated Request Tab](#)

Clinical Services
Arm Name: ARM 1

Visits 1 - 8 of 25

	0	1	0	4	2	4	4	3	4	4	4	4	4	5	4	4	6	4	4	7	4	4	8	4		
	Baseline		Week 4		Week 8		Week 12		Week 16		Week 24		Week 32		Week 40											
Imaging Services/Body Evaluation																										
DEXA Total Body <i>(Inactive)</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Research Laboratory																										
Same Day Sample Shipment	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

[Clinical Services](#)
[Participant Tracker](#)
[Non-clinical Services](#)
[Reports](#)
1

Non-clinical Services

Add Non-clinical Services

Search 🔄 📄 🔍 📱

	Service	Account	Contact	Type	Requested	Remaining	Started	Components	Last Fulfillment	Actions
List	Protocol Review Fee <i>(Inactive)</i>	-	-	-	0.0	0.0		-		<input type="button" value="v"/>
List	Protocol Set-up Fee <i>(Inactive)</i>	-	-	-	0.0	0.0		-		<input type="button" value="v"/>

Auditing Report ×

Fields marked with an asterisk (*) are required to continue.

Service Type *

Title *

Start Date *

End Date *

Protocol(s)*

Close

Request Report

3. (SPARCFulfillment) Stop Defaulting Service in Participant Tracker

In the SPARCFulfillment Participant Tracker tab, after a visit is chosen at the bottom of the page, there is a dropdown box for the clinical providers to be able to add more services. Previously the services were defaulting to be the first service of the dropdown box. The default has been changed to "Nothing Selected," so users won't accidentally add the first service. In addition, an error message has been added that states "Please choose the service that is desired to be added," when there is no service chosen and "Add" is clicked.

-- Hide Dashboard --

Completed Visits	Date of Participant Visit	Arm Name
ESDD (Custom Visit)	09/06/2016	ARM 1
OL-Week 84	05/11/2016	ARM 1
Visit 27 Unscheduled (Custom Visit)	03/31/2016	ARM 1
OL week 72	02/19/2016	ARM 1
OL-Week 60	11/23/2015	ARM 1
Visit 26 Unscheduled (Custom Visit)	10/05/2015	ARM 1
OL-Week 48	09/01/2015	ARM 1

Please select a visit: Please Select +

Visit: Week 8

Type of Visit: Select if Applicable Visit Indications: Please Select

Start Visit
Complete Visit

Research Laboratory and Biorepository

Select Services Complete Incomplete

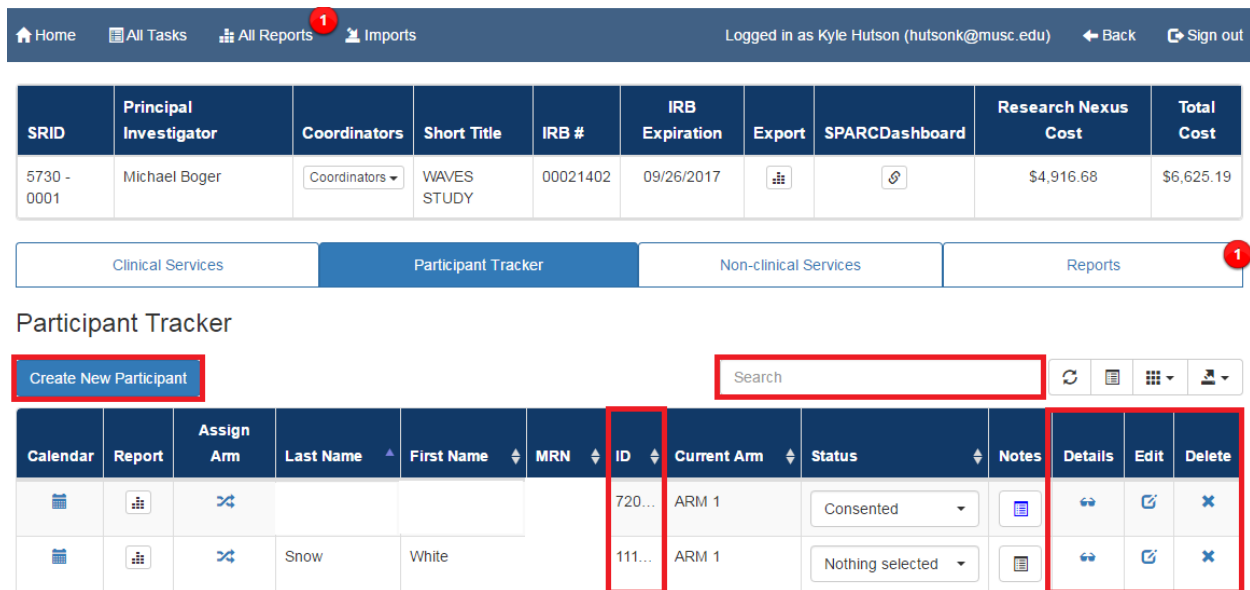
Procedure	R/T	Status	Follow Up	Completed Date	Performed By	Notes	Remove
4 ▶ Sample Processing: Urine R							
21 ▶ Sample Processing: Serum or Whole Blood R							
Same Day Sample Shipment	R ▼	Complete Incomplete	📅		N/A ▼	📄	✖
Future Frozen Sample Shipment	R ▼	Complete Incomplete	📅		N/A ▼	📄	✖

Nothing Selected 1 Add Service

Please choose the service that is desired to be added

4. (SPARCFulfillment) Participant List Combined into Participant Tracker Tab

The previous functionality on the Participant List tab (i.e., Create, Edit, Detail, Delete and Search participants) has been combined on the Participant Tracker tab. The "ID" column has also been added on the Participant Tracker tab. This work was done as part of the ongoing effort to simplify the user interface.



SRID	Principal Investigator	Coordinators	Short Title	IRB #	IRB Expiration	Export	SPARCDashboard	Research Nexus Cost	Total Cost
5730 - 0001	Michael Boger	Coordinators	WAVES STUDY	00021402	09/26/2017			\$4,916.68	\$6,625.19

Clinical Services	Participant Tracker	Non-clinical Services	Reports
-------------------	----------------------------	-----------------------	---------

Participant Tracker

Create New Participant

Calendar	Report	Assign Arm	Last Name	First Name	MRN	ID	Current Arm	Status	Notes	Details	Edit	Delete
						720...	ARM 1	Consented				
			Snow	White		111...	ARM 1	Nothing selected				

5. (SPARCFulfillment) Klok Import User Interface Improvements

Improvements have been done to the Klok Import User Interface:

- 1). The import window is not allowing ".XML" file, as well as ".xml" files.
- 2). The left side labels on the import window are now lined up with the associated buttons on the right side.
- 3). When running the Klok Import, the user is shown a warning message stating 'This action is irreversible'. The option for the user to 'Prevent this page from creating additional dialogs' has been removed.
- 4). Removed the default setting which allows user(s) to click outside of modal, or use the Esc key to close modal. When the Klok import is running, the modal window stays open.

Imported Klok Reports

Title	Date Created	Attached File
Klok Report	06/12/2017 12:24:51 PM	
Proof Report	06/12/2017 12:18:57 PM	
Klok Report	06/06/2017 11:28:54 AM	
Proof Report	06/06/2017 11:16:09 AM	
Proof Report	06/06/2017 10:01:47 AM	
Proof Report	05/31/2017 09:29:51 AM	
Proof Report	05/31/2017 09:13:13 AM	

6. (SPARCFulfillment) Visit Report Simplification

In the Visit Report, the “Incomplete Visit” and “List of Cores which have incomplete visits” have been removed, since the intended functionality is covered by the other existing columns of data.

7. (SPARCFulfillment) Invoice Report Text Change

In the Invoice Report, the "Fulfillment Components" column header has been changed to "Components" to maintain consistency.



List of Programming Changes with Links to GitHub

SPARCRequest v2.1.0:

- Hide Inactive Surveys in SPARCCatalog [View commit](#)
- Freeze Panes – Step 2 Calendar Page(s) [View commit](#)
- Fix Notes Thread/Service Name Display [View commit](#)
- Fix Doc “Other” Document Type Issues [View commit](#)
- SSR Export Modifications [View commit](#)
- Excepted the refresh_tab from before_filter to Stop Unnecessary Queries [View commit](#)
- Old CWF Code Cleanup [View commit](#)
- Approvals Broken by Rails 5; Strong Parameters Were Needed [View commit](#)
- Change Service Label and Arm Name Styling [View commit](#)
- Saved Filters Refactor [View commit](#)
- Clean Up Duplicated Research Opportunities Org and Services [View commit](#)
- Merge Service Requests [View commit](#)
- Update Rails to 5.0.3 [View commit](#)
- User Edits Option Fields Random Spec Failure [View commit](#)
- Edit Study Information Bug for Projects Converted to Studies [View commit](#)
- Replaced .uniq with .distinct on Relations [View commit](#)
- Persistent Dashboard Filter Values [View commit](#)
- Code Improvement to Avoid Loading Lib for Every Page [View commit](#)
- Protocol Filter Fixes/Spec Refactors [View commit](#)
- Freeze Panes – Step 2 Calendar Page(s) [View commit](#)
- Dashboard Your Cost – bad data [View commit](#)
- Move Archive Button [View commit](#)
- Switching PI Bug [View commit](#)
- Remove Identities from Project Roles [View commit](#)
- Added SRID Number to Step 2B Header [View commit](#)
- Step 4 Survey Submission Long Process Time [View commit](#)
- Happy Spec Random Failure Refactor [View commit](#)
- Dashboard Admin Edit Add Service Throws Nomethoderror [View commit](#)
- CWF Code Cleanup Part II [View commit](#)
- No Emails If Can’t Connect to Google Calendar [View commit](#)
- Dashboard Protocols Exporter Fix [View commit](#)
- Survey Dependency Bugs/Updates [View commit](#)
- Merge R,T, % Fields Into One Modal [View commit](#)
- Withdrawn Status Bug [View commit](#)



SPARC Request

Research Made Easy

- Fix Survey Question Validation When Dependent on Option Selection [View commit](#)
- Initialize Selectpickers/DateTimePickers When Taking Step 4 Survey [View commit](#)
- Validations on Visits and Visit Groups [View commit](#)
- Surveyor Checkbox/Radios Not Displaying Correctly in Chrome [View commit](#)
- Protocol Filter Randomly Failing Specs [View commit](#)
- Updated Header Logos [View commit](#)
- Arm Object Consolidation [View commit](#)
- Moving Epic Interface/Fake Epic Soap Server to Lib for Specs [View commit](#)
- Production Bug Documents#Create [View commit](#)
- Move Archive Button [View commit](#)
- Associated User Update Bug [View commit](#)
- Update Header Logos Adjustments [View commit](#)
- Adding Some File Format MIME Types [View commit](#)
- Bootstrap Catalog Base Code [View commit](#)
- Associated User Bug Refactor [View commit](#)
- Edit Study Information Bug for a Project Converted to a Study [View commit](#)
- Change Service Label and Arm Name Styling [View commit](#)
- Study Questions Change [View commit](#)
- Costs in Header Not Updating Automatically [View commit](#)
- Authorized Users Overflow [View commit](#)
- Service Calendar Visual Bugs [View commit](#)
- Deactivate Services Refactor [View commit](#)
- Perfect Storm Spec Failure [View commit](#)
- Service Calendar Optimization Part 1: Visits [View commit](#)
- Step 4 Survey Submission Long Process Time [View commit](#)
- Authorized User Visible HTML Tag [View commit](#)
- Coverage Analysis Report [View commit](#)
- Change “Modify Request” Button Naming [View commit](#)
- Inactive Service Indicator [View commit](#)
- Fixing Multiple Authorized User Form Bugs [View commit](#)
- Survey Dependent Bugs [View commit](#)
- Indirect Cost Bug [View commit](#)
- Freeze Panes – Step 2 Calendar Page(s) [View commit](#)
- Update Survey Dependents On Change Question/Option Content [View commit](#)
- Added Rake Task for Study Type Question Text [View commit](#)
- Changed Archive Button Color to Grey [View commit](#)
- Max Totals Indirect Cost Incorrect [View commit](#)

- Next SSR ID Bug [View commit](#)
- Fixed Nil error Indirect Cost [View commit](#)
- Config Model and Specs [View commit](#)
- Step 4 Multi-Click [View commit](#)
- Document Upload Error Message [View commit](#)
- Permissible Value Query Methods [View commit](#)
- MUSC Final Merge Into OS Master [View commit](#)
- Pricing Report Adjustments [View commit](#)
- Signature Section Only for Coverage Option [View commit](#)
- Non-Clinical Services Label Change [View commit](#)
- Form Functionality Admin Dashboard Submissions Bug [View commit](#)
- Multi Submit Bug Fix [View commit](#)
- Fixing Study Type Question Specs [View commit](#)
- Study Type Question Fixes [View commit](#)
- More Study Type Question Bug Fixes [View commit](#)
- More Study Type Question Bug Fixes II [View commit](#)

SPARCFulfillment v2.5.5

- Procedure Model Fix [View commit](#)
- Klok Import Modal Improvements [View commit](#)
- Allow Upper Case For File Exts [View commit](#)
- Bug Fix For Participant Tabs Header Issue [View commit](#)
- Invoice Report Field Text Change [View commit](#)
- Visit Report Update [View commit](#)
- Participant Tracker: Stop Defaulting Service [View commit](#)
- Study Schedule Change Service Label and Arm Name [View commit](#)
- Merging Participant List With Participant Tracker [View commit](#)
- Indirect Cost in Fulfillment [View commit](#)
- Updated Header Logos [View commit](#)
- Klok Import Fix Task [View commit](#)
- Participant Tracker: Stop Defaulting Service [View commit](#)