



Patient Study Calendar

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Background

Appropriately routing charges for services covered by research funding is a key concern for research staff. At UAMS, all research participants' generated charges must be reviewed against the research study protocol to assess study-relatedness. This finance review of all entries from each participant's medical record is very time-consuming, redundant to the tasks completed by study coordinators for case report form (CRF) entry, and can lead to errors during billing review.

Metrics & Goals to be Achieved

Establish a mechanism to capture all known charges the study could generate and put them in a platform that would work with our electronic medical record system to decrease the time spent on billing review and streamline research accounting.

Methods

- A detailed research study budget is built to capture administrative time, pharmacy, Institutional Review Board (IRB), reimbursement, and screening fees as invoiceable study expenses. All study-related activities are built in the research study budget matrix to mimic the protocol study calendar including alternate, conditional, and outside tests, and study communications. All items within the budget are then tied to a billing indicator to assist with routing charges as routine care or payable by the sponsor.
- The research study budget is imported to AR-Patient Study Calendar (AR-PSC). Study coordinators review the participant's medical record and mark all completed activities in AR-PSC for each protocol time point. Ideally, this review is done within 5 days of the visit and upon CRF completion.
- Information from AR-PSC is used for billing review and then imported to the Clinical Research Accounting System to assist the finance team with accounting.

UAMS AR-CRIS AR-PSC Subject Calendar (Staging) logged user: Kacie Simpson help? Log out

Presley, Elvis (PID=123456789, Male, 1935-01-08)
 This subject is registered in study: 123456 46213

- 2020-03-17 123456 / Pre-Registration / Screening / Screening / Day 1 (32 activities: 31 completed 1 dropped)
- 2020-03-24 123456 / Treatment / Arm 1 A, B, C-D / Cycle 1 / Day 1 (45 activities: 39 completed 6 dropped)
- 2020-03-31 123456 / Treatment / Arm 1 A, B, C-D / Cycle 1 / Day 8 (31 activities: 26 completed 5 dropped)
- 2020-04-06 123456 / Treatment / Arm 1 A, B, C-D / End of Treatment / Day 1 (2 activities: 2 completed)
- 2020-05-26 123456 / Follow up Prior to Progression / Follow up Prior to Progression / Follow up 1 / Day 1 (10 activities: 7 completed 3 dropped)
 - Misc. (5 activities)
 - G0463 - Hospital outpt clinic visit / C / \$107.86 / cptG0463 / Notes
 - Misc. - Disease Assessment - Disease Assessment / R / \$0.00 / Notes
 - Misc. - PT Administrative Time / R / \$0.00
 - Misc. - Research Nurse (Staff Time) / R / \$0.00
 - Misc. - Study Coordinator (Staff Time) / R / \$0.00
 - PR CARDIOVASCULAR SYSTEM SERVICES (1 activities)
 - 36591 - Draw blood off venous device / See notes / R / \$99.14 / cpt36591
 - PR EVALUATION AND MANAGEMENT SERVICES (1 activities)
 - 99215 - Office/outpatient visit est / C / \$264.00 / cpt99215 / Notes
 - PR IMAGING (3 activities)
 - 71260 - Ct thorax w/dye / C / \$328.83 / cpt71260 / Notes
 - 74176 - Ct abd & pelvis w/o contrast / C / \$398.66 / cpt74176 / Notes
 - 74177 - Ct abd & pelv w/contrast / C / \$553.28 / cpt74177 / Notes
- 2020-07-28 123456 / Follow up Prior to Progression / Follow up Prior to Progression / Follow up 2 / Day 1 (9 activities: 9 planned)
- 2020-09-29 123456 / Follow up Prior to Progression / Follow up Prior to Progression / Follow up 3 / Day 1 (9 activities: 9 planned)

Note: Actual costs not represented

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Outcomes

AR-PSC has decreased redundant processes and duplicate data entry, significantly improved data quality, and increased revenue. AR-PSC is also a quick central location for research staff to review the location of the participant within the research study.

Lessons Learned & Future Directions

Initially, we did not have a solution for capturing unscheduled visits or additional treatment due to adverse events in AR-PSC because these items cannot be accounted for on the study level in the research study budget. Over time, a process was developed to manually enter this information into AR-PSC on the participant level as needed. We have also added some reporting features to AR-PSC that we hope will continue to evolve over time.

Contact

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UAMS AR-CRIS AR-PSC Template Management (Staging) logged user: Kacie Simpson help? Log out

[123456] A Phase III Randomized Trial of A, B, and C-D Versus A and B in Advanced Biliary Tract Cancers
 Current Version: Test again is released on 2020-05-27 Click Start to Manage button to manage the study. When completed, click End Managing button

Preview Full Preview Hide deleted items Hide new change flags

Epoch	Arm/Segment	Length	Repeatable
Pre-Registration !	Screening		
Treatment !	Arm 1 A, B, C-D		
	Arm 2 _A, B		
Follow up Prior to Progression !	Follow up Prior to Progression		
Follow up after Progression !	Follow up After to Progression		

Control Panel: Dashboard, Start to Manage, Study Managers, Study Versions, Study Site/Versions, Populations, Registrations

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