Data Quality Tools: SWOG Reports and CTSU Data Quality Portal

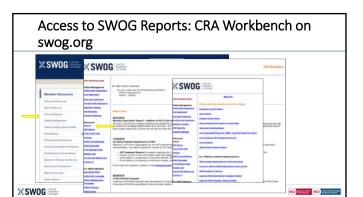
Phyllis Goodman, M.S. Coordinating Statistician Institution Performance SWOG Statistical Center

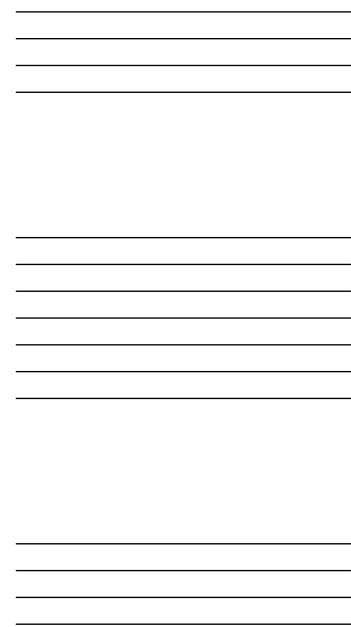
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SWOG Reports for Quality

- Expectation Report
- Query Report
- Ineligible patients
- Patients in Follow-Up
- SWOG reports: We are always updating, revising let us know if you have ideas for additional reports or additional fields on current reports that could be helpful to you

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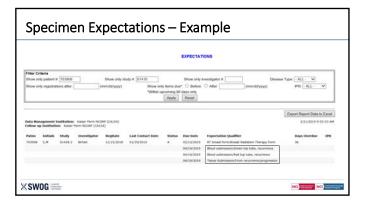


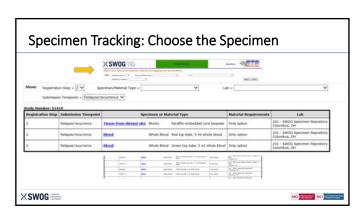


Expectations: How SWOG communicates data requirements

- Required forms, reports, specimens
- Posted at the time the patient is registered
- Baseline forms, specimens
 Others with a defined due date known at the time of patient registration; post-baseline specimens, QoL forms, other forms
- Posted during protocol treatment and follow-up
 - Based on the follow-up timing for patient
 - Adverse events, treatment given, tumor assessment, new study-specific forms (S1802, S1614)
- Overdue follow-up
 - Need updated last contact date

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Notes on specimens • Specimens that can't be submitted → "Notify that Specimen Cannot be Submitted" SWOG • Specimens that can't be submitted → "Notify that Specimen Cannot be Submitted" SWOG • If a specimen isn't logged, the expectation won't get resolved even if it has been received by the biorepository → Log the specimen retroactively • If a specimen was logged in but the wrong type of specimen was chosen → Contact the Statistical Center

How SWOG Measures Data Quality?

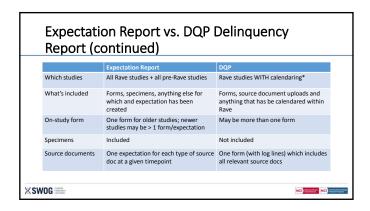
- Institution Performance Review (IPR)
 - Statistics used to monitor an institution's compliance to data submission requirements
 - Are required forms being submitted?
 - SWOG Policy #33
- Categories of data updated November 2017
 - Baseline (Initial Forms Set)
 - Post-baseline forms submission
 - Vital status updates (Follow-up)
 - Specimen submission

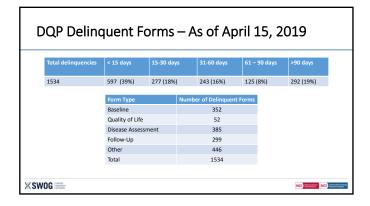
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What's new(ish) in the quality world? • Data Quality Portal (DQP) on CTSU website • Overdue forms • Overdue queries • Overdu

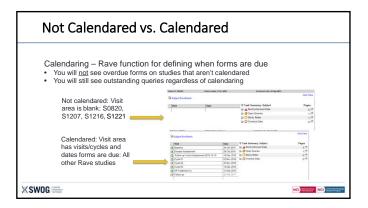
Expectation Report vs. DQP Delinquency Report						
		Expectation Report	DQP			
	What's posted	Overdue and upcoming items due within next 90 days	Overdue forms only			
	Overdue definition	> 60 days from day expectation is due, doesn't take into account treatment delays	Based on target date + maximum treatment delay; overdue if > 15 days late			
	How to access	SWOG CRA Workbench; dynamic report updated in real time*	CTSU; updated nightly			
* Data submitted in Rave are applied to the SWOG database overnight.						
×sw	XSWOG HANDS NG CONTROL					

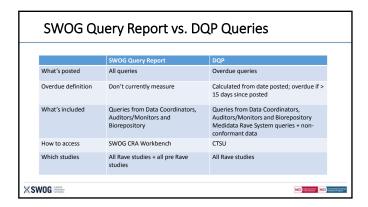


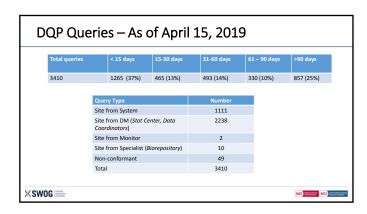


• How come I see XXX on the SWOG Expectation Report but it isn't overdue in Rave? • Form forced into Rave without updating appropriate data fields in SWOG database (e.g., last contact date) • QoL Coversheets that trigger roll out of forms in Rave not answered appropriately • Was QoL form complete? • Yes → Appropriate form rolls out in Rave; when completed and submitted, expectation resolves • No → Form doesn't roll our in Rave; expectation resolves • Blank → System query but if answered with text rather than Y/N, form doesn't roll out (so it won't look overdue in Rave), expectation doesn't get resolved • Source documents uploaded with the wrong "Type of Procedure" • Data point which triggered expectation resolution was amended • Not a calendared study

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DQP Comments
Delinguent Forms
Complements our Expectation and IPR reports
 If there are inconsistencies, work towards the SWOG reports as that is how site performance is currently measured
Overdue queries
 One missing lab value → multiple queries (value, units, ULN, LLN, sample collection date)
 Partially completed forms → missing data queries
 "Ghost queries" – query on a log line or form that was subsequently deleted → contact Statistical Center
 If you find an inconsistency, contact me
We see DQP as a tool; we don't know NCI's long term plan for use
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Thank you!	
XSWOG ™	