Question	Answer
Will the Jan 2020 launch require a vendor (Lumedx, CardioAccess, etc) upgrade?	We don't want to cause extra work for you or the vendors. The vendors have all been certified and will only have to go through User Acceptance Testing to make sure IQVIA can receive the files and make sure that when we go live in January you can submit the way you are used to submitting.
Will the change require software updates by the Registry software vendors?	Answered above.
I still do not have an understanding of what the rollout for IQVIA is? DO you have any graphics/examples that can show us what this will look like?	IQVIA will receive the files from participants using the same format that is used today when you send data into DCRI. The data will go into IQVIA, IQVIA will curate the data and make it available on the dashboard where sites will be able to access data quality reports and drill down to see which records need updating. There will also be a bi-directional data exchange with DCRI at the end of the submission period where DCRI will perform analytics on the data and risk adjusted data will be calculated. This will be sent back to IQVIA for dashboard display. January is the go- live target, supporting the current process sites are experiencing today. Sites will have a new system to login to but the workflow should not change substantially. Behind-the-scenes work is ongoing to ensure that IQVIA is ready to go at go-live. This will be a phased roll-out starting January 1 with more to come in the following months.



Question	Answer
What lead to the decision to transition from DCRI to IQVIA?	DCRI is not going away and will remain the analytic center for the risk- adjusted metrics that you are used to seeing in your feedback reports. There is another analytic center working on some risk modeling. This was a decision from the surgeons based on IQVIA's experience, expertise, and our desire to provide dashboard reporting and more real- time access to your data for quality improvement.
Do we need to use a vendor or can we just enter through this new system?	Initially you will need to stay with your vendor. Direct data entry will be an option later in 2020.
Are there any plans for a training manual for coding procedures?	We have a training manual available on the STS website located at https://www.sts.org/registries-research-center/sts-national-database/congenital-heart-surgery-database/data-collection
You mentioned two centers for data analysis. How will it be determined which center a CHSDs data will go to?	All the database data will go to DCRI for feedback reports for all of our participants. Other analytic centers may be used for research or grants, as we've done with other projects at STS.
When should we stop sending data to Duke?	The harvest schedule will be posted on the website at <u>https://www.sts.org/registries-research-center/sts-national-</u> <u>database/harvest-schedule-and-information</u> The last date for CHSD submission to DCRI and the first date to submit data to IQVIA will be updated here.
Will any of these changes affect the PediMacs Data Entry?	No, Intermacs and Pedimacs are with University of Alabama - Birmingham and have direct data submission and dashboard availability now. They will not be impacted by this change.



Question	Answer
Has it been decided if there will be additional charges for potential data needs beyond the 6 years of migrated data that will be brought over. Particularly concerning for academic facilities with needs for research purposes beyond 6 years.	We are encouraging you to download all of your historical data files (all PDF reports) before the end of this calendar year. All of your data from the database will be migrated over into the data warehouse. However, you will only be able to interact with the last six years. The rest will be archived and not readily available so you would need to do a data request to obtain those files. A&P and PUF mechanism are also available for aggregated data requests.
Is it possible to get all of the exceptions found in the interpretation guides added to the training manual; ie. VSD exceptions, Glenn exceptions so we don't have to go to several different sources and since these are important rules for coding. It would also be nice for those new managers who have never been through a harvest and therefore have not seen the interpretation guide.	We can improve upon the interpretation guide and the overview. There is a lot of information in there that would benefit from being cleaned up. STS will work on finding a way to make this a better process for all data managers. Perhaps we could consider adding this at the beginning of the training manual.
Will participants be able to analyze their own data within IQVIA?	You will be able to filter your data by different variable and case types. Data will be downloadable and you can transfer it to Excel and PowerPoint presentation. It is not unlimited. More information will be provided in upcoming presentations. <u>https://www.sts.org/registries-</u> <u>research-center/sts-national-database/sts-national-database-webinars</u>
Will we receive the national report twice a year or will this change beginning 2020?	The risk adjusted reports will still be twice a year following a spring cutoff and a fall cutoff. You will have the dashboard with unadjusted results and procedure counts available as you enter data (near real- time).



Question	Answer
Will we be assigned a 'go to' contact with STS CHSD? It is hard to just email to a generic CHSD account when we have issues or questions. no phone numbers are ever provided	There will be a support tree at IQVIA through email and phone. Support requests are triaged so that you are connected with the right person to help with your issue. The support system will be available 24/7 with response times within 24 hours. It is not possible to have one person to handle all of the issues. Depending on the type of question you have it may get forwarded/escalated to additional support personal to reach resolution as quickly as possible.
Will it be possible to send IQVIA feedback on some of the problems with the current DQR so they can implement it before they go live?	STS has been working on the issues with IQVIA. We always welcome your feedback through this entire change and after.
Can you please provide details about the purpose of the dashboard and the enhancements expected with the onboarding of IQVIA?	The purpose of the dashboard is to provide a more timely and interactive solution that replaces the PDF reports that are not only coming out months after you submit data but also may not help you with quality improvement projects. The new Dashboard will help sites to assess their outcomes in near real-time.
What if we want to continue with our vendor even after this roll-out?	We expect you to continue with your vendor after this as most participants do want a vendor. There is no plan to remove vendors, they are an integral part of the overall data management workflow.
Will it be possible in the future to submit STS data from EPIC and submit to IQVIA	The focus for this initial rollout (phase I, phase II, phase III) is to work with the vendors so you can continue submitting data as you are today, provide dashboard reporting, set up the bi-directional data exchange with DCRI, and provide the option of direct data entry. Once we get those things in place we can then start to look at interoperability if the STS chooses to head in this direction. IQVIA has done this with other clients and they also have a lot of experience internally with interoperability. We need to have a good base in place first before looking at interoperability.



Question	Answer
Can we see deidentified data from other facilities in near real time?	We are not allowed to share data other than the aggregate STS data. Sites wouldn't want to benchmark themselves against partial data so the STS data will be from the last analysis period.
Will data requests be filled quicker? At this time it takes months for a response.	It depends on the nature of the request (research or minor data requests). It will need to go through the STS A&P process which is vetted through the committee at STS. Those calls are periodic. With the dashboard sites should be able to see their own data and use filters to hopefully answer some of your own questions.
One of the biggest frustrations we as data managers feel, is the lack of communication and consistency with definitions- especially the pre-op factors, and complicationsare there any opportunities to communicate beyond the training manual? (There are a lot of definitions from prior versions that may or may not still apply to 3.41)	There will be upcoming webinars were we can provide clarity on. But we need to know where there are contraindications or further clarity is needed. Please let us know so we can make corrections and provide you with the tools you need. Please send these to the FAQ mailbox so we can make corrections or provide additional information.
How will this dashboard compare to PC4's?	We are not familiar with PC4's dashboard to provide a comparison. Please join the upcoming webinars or take a look at AQO.
Do we have to enter data via IQVIA?	You will be using your vendors' software but then submitting it to IQVIA instead of submitting it to DCRI.
When you say to download your data that is greater than 6 years old, where are we to download it from? Won't it still exist in our vendor database? Is there a way to download historical data from STS?	Sites will still have access to data that is in their vendors' software. The PDF reports will need to download from the DCRI report module (your analyzed data).
Our software analytics does that - which confuses me on the value I gain from the dashboard. Is it different than what my analytics provide?	Every vendor package is different and some provide other functions. The goal is make these features available to everyone along with the STS benchmarked/analyzed data.



Question	Answer
The demonstrations you are referring to, will that happen during AQO or will there be webinar for that as well? Especially, for the ones who will not be attending AQO.	Both. There will be demonstrations at AQO and live webinars. We are still developing and working with IQVIA so there will be webinars that everyone will be invited to and have access to in November and December. There will also be additional training material online and on our website to help you with your work flow.
When can those of us who aren't going to AQO see a demo? Will we be able to submit minor data requests for the Fall 2019 Harvest Data? Will there be the usual Fall Harvest Report?	It will be after AQO, in November and December. You are still able to submit minor data request. The Fall report will still be coming out either end of December or early January.
Will the dashboard allow review of data elements that are not included in the outcomes reports (ex. complications for all patients, not just the benchmark operations)	Yes, the dashboard will let you look at all of the patients that you submitted. You will be able to filter based on which patients and data elements you want to look at.
Will we be able to query (SQL/No SQL/MDX) the database directly for our own data? Not only using the web interfaces.	No, but there are ways to work with the data (Data Download Report). This will not be available in phase I but it is something IQVIA will work with STS on in subsequent phases. There are ways to get closer access to the raw data.
In the new IQVIA reports that are analyzed by DCRI will we be able to drill down on the metrics to see which cases are included in the various benchmark measures. Currently it's not clear which cases are included in the numbers in the STS DCRI analysis reports. Would like to determine which cases are included and which are excluded	You will have analyzed reports which you can drill down into.



Question	Answer
In version 3.41 there were new procedures added which didn't get a STAT score. When will we have a STAT score for them?	We have a group working on this regarding the current STAT score methodology. That project is close to being submitted for publication (December or January). Once it is published we will be able to operationalize these changes in the database. In the last upgrade there were new operations that were added to the database. We do not currently have STAT scores for these procedures but are working on it. Hope to have an answer to this question soon.
Will the dashboard report allow you see all the data fields you submitted and allow you to query STS data and our own site data that will allow us to slice and dice the data	All fields will not be available at go-live but will be reevaluating the reported fields with your feedback. You should be able slice and dice your data on a limited scale and you will have access to STS data but will not be able to drill down into these records. Additionally, after you submit data you can access the DCF in a read-only view and see the fields you submitted.
So we won't have to request a data request from Duke if we wanted to see what cases were included/excluded because we could drill into our data analysis report through IQVIA?	Yes, that is our goal. This is a phased process to make the reports accessible. We look for your feedback as we start laying on the analyzed data to your raw data and you begin to drilldown.
Will you start sending a final assessment/report card to a participant on their harvest submission? As of now, a participant doesn't have anything other than the DQR which doesn't give the final picture as it's required for internal assessment.	Clarification requested so STS can better respond.
Could we get some clarification regarding capturing familial hx of CHD? We started to capture then saw an update on STS website that this was an error, not to capture it?	The Familial Hx of CHD in the NCAA section is an error and should not be captured. We apologize for the confusion.
Will sites be able to filter outcome reports/metrics by surgeons on the IQVIA dashboard	We are working with IQVIA to determine if a NPI filter can be applied.
Pilot sites? Have they already been chosen?	Yes, but we are always looking for volunteers. Please reach out to STS at STSDB@sts.org



Question	Answer
Will the monthly webinars be recorded for viewing later if you cannot attend a given webinar	All webinars will be recorded and posted on the STS website. CHSD will be the first Thursday of every month.
Who will have access at the sites to the IQVOA dashboards? Data Managers, Surgeons, etc.	Sites will designate who has access to the dashboard according to the current contact list. Please update your sites information using the following link. <u>https://www.sts.org/registries-research-center/sts-national-database/sts-national-database-forms</u>
Will we need to have new contracts?	No, you will not need to have new contracts.

