



**State Health Agency Kerala (SHA),**  
National Health Mission Compound,  
General Hospital Junction,  
Thiruvananthapuram - 695 035.  
Ph: 0471- 230 1181, 230 2784  
email: statehealthagencykerala@gmail.com

No. 64/2020/HNQA/SHA

14.08.2020

**Circular**

To

**All Superintendents of AB PM-JAY-KASP Empanelled Private Hospitals  
And Government Hospitals**

Sub: SHA –KASP-PMJAYScheme – Inclusion of Standard Treatment Guidelines (STGs) –  
reg.

Ref: 1.DO No.S-12015/08/2019-NHA (HNW &QA)(Pt.1)(Vol.2) Dated 27/07/2020

Kind attention to the references cited.

The National Health Authority (NHA) has developed and integrated the Standard Treatment Guidelines (STGs) / Guidance documents for 30 health benefit packages under AB PM-JAY KASP in TMS.NHA has decided to launch the first 10 STGs and make live in the PM-JAY KASP IT system by 15th August 2020.The following are the STG's according to speciality.

S N	Speciality	Name of STG
1	Ophthalmology	Cataract Surgery
2	Cardiology	Percutaneous Transluminal Coronary Angiography (PTCA)
3	CTVS	Coronary artery bypass grafting (CABG)
4	Cardiology	Systemic Thrombolysis
5	CTVS	Low cardiac output IABP insertion post-operatively

6	General medicine/ Pediatric medical management/ General surgery	Haemodialysis, Renal failure, AV Fistula
7	Cardiology/ CTVS	Mitral Valvotomy
8	Orthopaedics	Total Knee Replacement
9	OBS & GYN	Hysterectomy (Except Caesarean & Radical Hysterectomy)
10	OBS & GYN	Caesarean Hysterectomy

SHA has been continuously striving towards improving Quality of Care & Treatment being given to the beneficiaries under the scheme. This is a significant step taken by SHA towards determining minimum standard of care and to prevent fraud and abuse under the scheme. Every EHCP is requested to cooperate with the new changes.

Please find enclosed the TMS User Manual and list of these 10 STGs for your information.

Link to IT manual: [https://pmjay.gov.in/sites/default/files/2020-07/TMS\\_STG\\_User\\_Manual\\_v1\\_0.pdf](https://pmjay.gov.in/sites/default/files/2020-07/TMS_STG_User_Manual_v1_0.pdf)

**Yours faithfully,**

  
**Executive Director**  
 14/8/2020

Copy to – 1) DPCs, SHA, All districts.

**List of first 10 STGs to be launched on 15th August 2020**

<b>S No</b>	<b>Speciality</b>	<b>Name of STG</b>
1	Ophthalmology	Cataract Surgery
2	Cardiology	Percutaneous Transluminal Coronary Angiography (PTCA)
3	CTVS	Coronary artery bypass grafting (CABG)
4	Cardiology	Systemic Thrombolysis
5	CTVS	Low cardiac output IABP insertion post-operatively
6	General medicine/ Pediatric medical management/ General surgery	Haemodialysis, Renal failure, AV Fistula
7	Cardiology/ CTVS	Mitral Valvotomy
8	Orthopaedics	Total Knee Replacement
9	OBS & GYN	Hysterectomy (Except Caesarean & Radical Hysterectomy)
10	OBS & GYN	Caesarean Hysterectomy

## STG IT integration for Cataract Procedure

Packages covered/ package count: 2

Package name	HBP 1.0 code	HBP 2.0 code	Package price
i. Cataract surgery with foldable hydrophobic acrylic Intra Ocular Lens (IOL) by Phacoemulsification technique	S300031	SE020A	7,500
ii. Cataract surgery with non-foldable IOL using Small Incision Cataract Surgery (SICS) technique	S300030	SE020B	5,000

**TMS Workflow for STG will be as follows.**

Login as PMAM/MEDCO and register a patient

Once the patient is registered, MEDCO should enter the Patient IP details in “Preauthorisation” tab .

Navigate to Preauth → Preauth Initiation – New

User should select the cataract procedure as shown in following figure 1

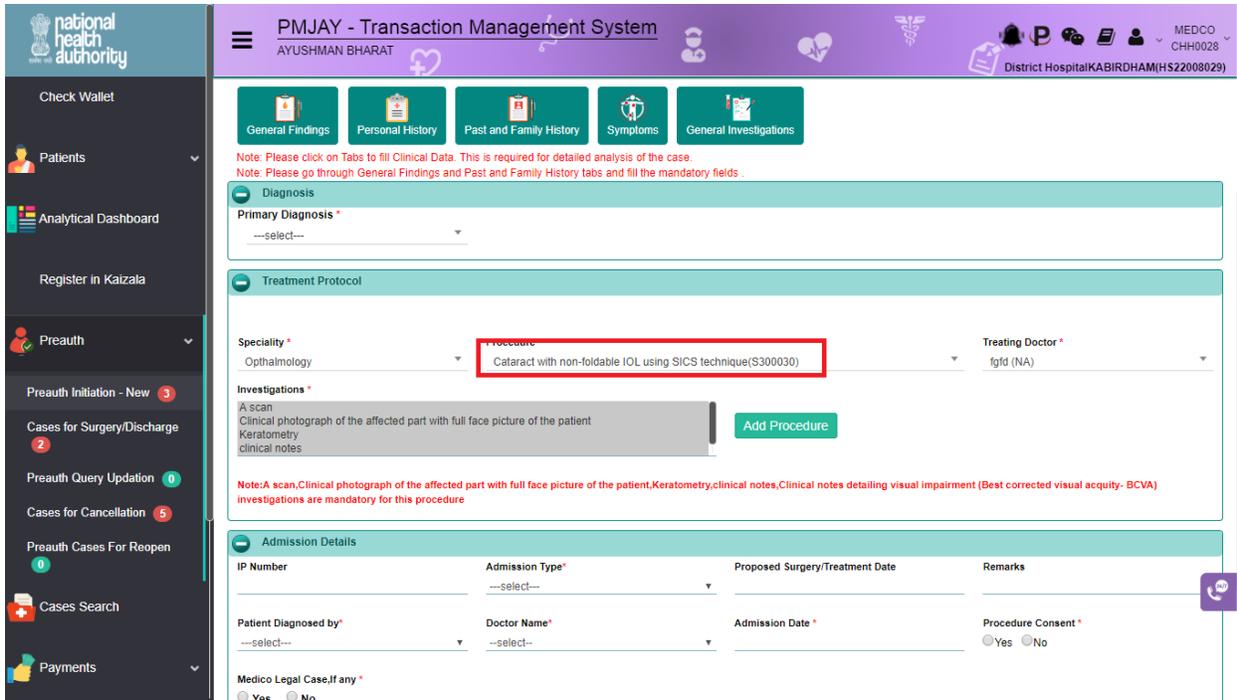


Figure 1

Once the procedure is added , a notification should pop up displaying the links to download NHA and ICMR Guidelines as shown in following figure 2

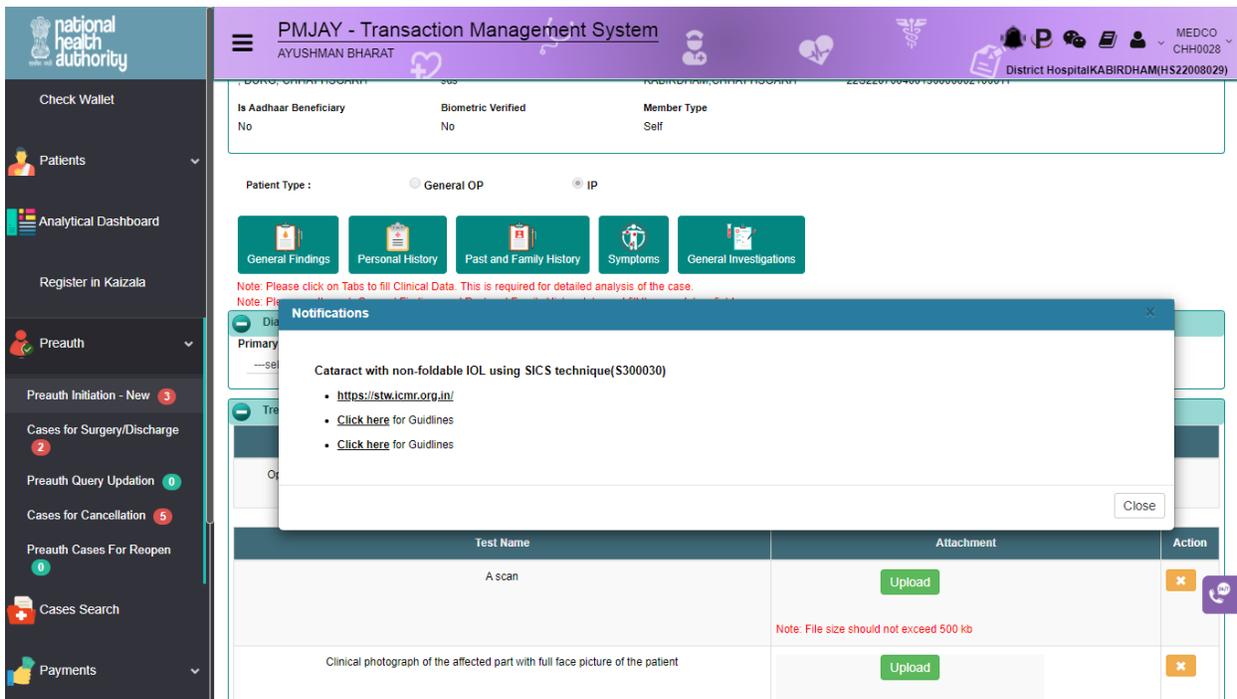


Figure 2

The link in Notification <https://stw.icmr.org.in/> will help MEDCO to check the ICMR website for more detailed information on STG.

After selecting “Click here”, MEDCO should have a provision to download NHA STG guidelines and ICMR STG guidelines documents.

The same Guidelines documents can be downloaded by selecting the “Notification icon” as shown in following figure 3



Figure 3

For cataract procedures, user should upload investigation documents like “A scan, Clinical photograph of the affected part with full face picture of the patient, Keratometry, clinical notes, Clinical notes detailing visual impairment (Best corrected visual acuity- BCVA)” are mandatory for this as shown in following figure 4

The screenshot displays the PMJAY Transaction Management System interface. The top header includes the National Health Authority logo and the system name. The left sidebar contains navigation options like 'Check Wallet', 'Patients', 'Analytical Dashboard', 'Register in Kaizala', 'Preauth', and 'Payments'. The main content area shows a 'Treatment Protocol' table with the following data:

Speciality	Procedure	Quantity	Amount(₹)	Stratification	Action
Ophthalmology(S3)	Cataract with foldable hydrophobic acrylic IOL by Phaco emulsification tech + Glaucoma(S300031)	1	12705	-	[Icon]
Test Name		Attachment			Action
Clinical notes detailing visual impairment (Best corrected visual acuity- BCVA)		[Upload Button]			[X]
		Note: File size should not exceed 500 kb			
clinical notes		[Upload Button]			[X]
		Note: File size should not exceed 500 kb			
A scan		[Upload Button]			[X]
		Note: File size should not exceed 500 kb			
Clinical photograph of the affected part with full face picture of the patient		[Upload Button]			[X]
		Note: File size should not exceed 500 kb			
Keratometry		[Upload Button]			[X]
		Note: File size should not exceed 500 kb			

Figure 4

MEDCO fill few mandatory Questions by selecting the “Questionnaire” button as shown in following Figure 5

The screenshot shows the MEDCO form interface. The left sidebar is partially visible. The main form contains the following fields and elements:

- Medico Legal Case, If any \***: Radio buttons for Yes and No.
- Total Package Amount Admissible Under the Scheme Rs \* (Note:Grade Applicable)**: Input field with value ₹ 7260 and Hospital Grade: 121%.
- The Amount Liabie by Insurance Is \***: Input field with value ₹ 7260.
- Note :**
  - Please click on Stratification/Implant icon in Action Column for updating Stratification/Implant details
  - Total Amount will be displayed only after adding Implants / Stratification if applicable
- Action Type**: Dropdown menu with value ---select---
- Buttons**: Submit, Add/View Attachments, and Questionnaire (highlighted with a red box).
- Additional Info**: Insurance Wallet Amount: Rs.27,675 and Scheme Wallet Amount: Rs.477,675.

Figure 5

Upon clicking “Questionnaire” button, a pop should display with listed questions as shown in following figure 6

The screenshot displays the PMJAY Transaction Management System interface. On the left is a dark sidebar with navigation options: Check Wallet, Patients, Analytical Dashboard, Register in Kaizala, Preauth (with sub-items: Preauth Initiation - New 11, Cases for Surgery/Discharge 26, Preauth Query Update 14, Cases for Cancellation 44, Preauth Cases For Reopen 14), Cases Search, and Payments. The main header is purple and contains the system name, user profile (MEDCO CHH00653), and hospital name (aarogya hospital(HS22011221)).

The central focus is a 'Questionnaire' form with the following table:

S.No.	Questions	Options	
1	Ocular biometry (A scan and keratometry) done?	<input type="radio"/> Yes <input type="radio"/> No	
2	Other essential investigations done ? - Blood Pressure & Blood Sugar (Fasting, PP and Random)	<input type="radio"/> Yes <input type="radio"/> No	
3	Clinical notes uploaded?	<input type="radio"/> Yes <input type="radio"/> No	
4	Best Corrected Visual Acuity (BCVA) < 6/9	<input type="radio"/> Yes <input type="radio"/> No	
5	Slit lamp examination done?	<input type="radio"/> Yes <input type="radio"/> No	
6	Taken Clinical photograph of the affected part with full face picture of the patient?	<input type="radio"/> Yes <input type="radio"/> No	
7	Previous cataract surgery done in the same eye	<input type="radio"/> Yes <input type="radio"/> No	

At the bottom of the form is a green 'Submit' button and a 'Close' button in the bottom right corner.

Figure 6

MEDCO should answer the displayed Questions with YES / NO options. If the selected answer is different from desired answer then a text box should display where MEDCO should enter the "Reason" for the selected answer as shown in following figure 7

This screenshot shows the same questionnaire form as Figure 6, but with user input. The 'Options' column now shows selected radio buttons: Question 1 (Yes), Question 2 (No), Question 3 (Yes), Question 4 (No), Question 5 (Yes), Question 6 (No), and Question 7 (Yes). To the right of the 'Options' column, there are text input boxes for reasons, with the word 'TEST' entered in each. The 'Submit' and 'Close' buttons remain at the bottom.

S.No.	Questions	Options	
1	Ocular biometry (A scan and keratometry) done?	<input checked="" type="radio"/> Yes <input type="radio"/> No	
2	Other essential investigations done ? - Blood Pressure & Blood Sugar (Fasting, PP and Random)	<input type="radio"/> Yes <input checked="" type="radio"/> No	TEST
3	Clinical notes uploaded?	<input checked="" type="radio"/> Yes <input type="radio"/> No	
4	Best Corrected Visual Acuity (BCVA) < 6/9	<input type="radio"/> Yes <input checked="" type="radio"/> No	TEST
5	Slit lamp examination done?	<input checked="" type="radio"/> Yes <input type="radio"/> No	
6	Taken Clinical photograph of the affected part with full face picture of the patient?	<input type="radio"/> Yes <input checked="" type="radio"/> No	TEST
7	Previous cataract surgery done in the same eye	<input checked="" type="radio"/> Yes <input type="radio"/> No	TEST

Figure 7

After filling all the mandatory fields in preauthorization form MEDCO can initiate preauth. CASE ID will be generated.

Now the case is available in PPD login for approval. Navigate to Preauth → Day-wise Worklist

User should select the particular CASE ID for continuing further process.

Click on “Questionnaire” tab as shown in following figure 8

The screenshot shows the PMJAY - Transaction Management System interface. The top header includes the National Health Authority logo and the system name. The left sidebar contains navigation options: Assigned Cases, Pendency, Preauth (selected), Preauth Updation (0), Day-Wise Worklist (3), Cases Search, and Suspicious Cases. The main content area displays Patient Details for Case No. CASE/PS2/HS22008029/S7914. The details are organized into four columns: Name, Card No., Registration No., and Case No. Below the details is a navigation bar with tabs: Past Claim History, Preauthorization, Attachments, Case Sheet, and Questionnaire (highlighted in red).

Name:	Card No:	Registration No:	Case No:
cxvkv	PFCIG30C	3435	CASE/PS2/HS22008029/S7914
Case Status:	IP No:	IP Registered Date:	Actual Registration Date:
Medco Preauth Initiated(Insurance)	NA	28/04/2020	28/04/2020 19:22:27
Contact No:	Communication Contact No:	Patient Address:	Communication Address
9999999999	9030247666	, DURG, CHHATTISGARH	sds
Hospital Name:	Hospital Address:	Hospital type:	Family ID:
District HospitalKABIRDHAM	KABIRDHAM, CHHATTISGARH	Public	22S220700400130000002100011
Gender:	Age :	Is Aadhaar Beneficiary:	Biometric Verified:
Male	28 years 0 months 0 days	No	No
Member Type:	Self		

Figure 8

After selecting “Questionnaire” tab, Questions should display as shown in following figure 9

The screenshot shows the PMJAY - Transaction Management System interface with the Questionnaire form displayed. The top header and left sidebar are the same as in Figure 8. The main content area shows the Questionnaire form with three questions. Below the questions is a Submit button. At the bottom, there is a Questionnaire Report table.

S.No.	Questions	Options	
1	Clinical notes detailing visual impairment (Best Corrected Visual Acuity- BCVA)	<input type="radio"/> Yes <input type="radio"/> No	
2	Ocular Biometry (A scan and keratometry), slit lamp examination.	<input type="radio"/> Yes <input type="radio"/> No	
3	Clinical photo of Affected part with Proper labelling of Affected Eye whether R or L with full face photograph.	<input type="radio"/> Yes <input type="radio"/> No	

Questionnaire Report		
Response Submit Date	User ID	
29-04-2020 16:33:04	District Hospital -Kawardha (MEDCO)	<a href="#">View Details</a>

Figure 9

PPD should fill the Questions with options YES / NO. If the selected answer is different from desired answer then textbox should display for entering "REASON" as shown in following figure 10

The screenshot shows the PMJAY Transaction Management System interface. The top header includes the National Health Authority logo and the system name. The left sidebar contains navigation options like Assigned Cases, Pendency, Preauth, and COVID Tests. The main content area displays a questionnaire for 'Self' with three questions. The first question is about visual impairment, the second about ocular biometry, and the third about clinical photos. Each question has 'Yes' and 'No' radio button options. Below the questions is a 'Submit' button. A 'Questionnaire Report' table below shows a submission from 'District Hospital -Kawardha (MEDCO)' on '29-04-2020 16:33:04' with a 'View Details' link.

S.No.	Questions	Options	
1	Clinical notes detailing visual impairment (Best Corrected Visual Acuity- BCVA	<input checked="" type="radio"/> Yes <input type="radio"/> No	
2	Ocular Biometry (A scan and keratometry), slit lamp examination.	<input type="radio"/> Yes <input checked="" type="radio"/> No	TEST
3	Clinical photo of Affected part with Proper labelling of Affected Eye whether R or L with full face photograph.	<input type="radio"/> Yes <input checked="" type="radio"/> No	TEST

Response Submit Date	User ID	
29-04-2020 16:33:04	District Hospital -Kawardha (MEDCO)	<a href="#">View Details</a>

Figure 10

PPD has a provision to view the Questionnaire filled by MEDCO by selecting "View Details" option as shown in following figure 11

This screenshot is identical to Figure 10, but the 'View Details' link in the 'Questionnaire Report' table is highlighted with a red rectangular box to indicate the action to be taken.

Figure 11

After selecting "View Details" option, a pop will display with the Questionnaire answered by MEDCO as shown in following figure 12

The screenshot displays the PMJAY Transaction Management System interface. The top header includes the National Health Authority logo and the system name. The main content area shows patient details for KABIRDHAM, CHHATTISGARH, including gender, age, and member type. A questionnaire pop-up window is open, displaying a table with two rows of questions and answers.

S.No.	Question	Answer
1	Best Corrected Visual Acuity (BCVA) < 6/9	Yes
2	Previous cataract surgery done in the same eye	test

Figure 12

After PPD approval, the case is available in MEDCO login for surgery details updation and claim initiation.

After user updated Surgery details , now the case is available in "Claim Initiation" tab

MEDCO should submit the mandatory Questionnaire before initiating the claim as shown in following figure

**national health authority**

**PMJAY - Transaction Management System**  
AYUSHMAN BHARAT

MEDCO CHH00653  
aarogya hospital(HS22011221)

Check Wallet

Patients

Analytical Dashboard

Register in Kaizala

Preauth

Cases Search

Payments

Claims

Claim Initiation 4

Claim Query Updation 1

Erroneous Claims 3

Erroneous Claim Updation 0

**Patient Details** Case No: CASE/PS2/HS22011221/S7909

<b>Name:</b> poonamtwo	<b>Card No:</b> PIOT230K	<b>Registration No:</b> 3436	<b>Case No:</b> CASE/PS2/HS22011221/S7909
<b>Case Status:</b> Discharge Date updated by Medco(Insurance)	<b>IP No:</b> NA	<b>IP Registered Date:</b> 28/04/2020	<b>Actual Registration Date:</b> 28/04/2020 20:03:38
<b>Contact No:</b> 9999999999	<b>Communication Contact No:</b> 9999999999	<b>Patient Address:</b> 121212_street_landmark, GARIYABAND, CHHATTISGARH	<b>Communication Address:</b> xcvxc
<b>Hospital Name:</b> aarogya hospital	<b>Hospital Address:</b> RAIPUR, CHHATTISGARH	<b>Hospital type:</b> Public	<b>Family ID:</b> 22922090050042000005600073
<b>Gender:</b> Male	<b>Age :</b> 21 years 0 months 0 days	<b>Is Aadhaar Beneficiary:</b> No	<b>Biometric Verified:</b> No
<b>Member Type:</b> Self			

IP Details | Past Claim History | Clinical Notes | Preauthorization | Treatment/Discharge | Claims | Attachments | Case Sheet | Questionnaire

**Questionnaire**

S.No.	Questions	Options
1	Taken Still Image of the patient undergoing the procedure with patient ID and date ?	Yes <input type="radio"/> No <input type="radio"/>
2	Operative notes taken ?	Yes <input type="radio"/> No <input type="radio"/>
3	Detailed discharge summary uploaded ?	Yes <input type="radio"/> No <input type="radio"/>
4	Barcode of IOL uploaded ?	Yes <input type="radio"/> No <input type="radio"/>

After submitting the above Questionnaire , MEDCO can initiate the Claim.

Case is available in CEX login for further processing.

Navigate to Claims → Claim Updation (CEX)

Select respective Case ID to open the case. Click on “Notification icon” for the ICMR guidelines.

A pop up should display with ICMR STG link and ICMR STG guidelines document link to download as shown in following figure 13

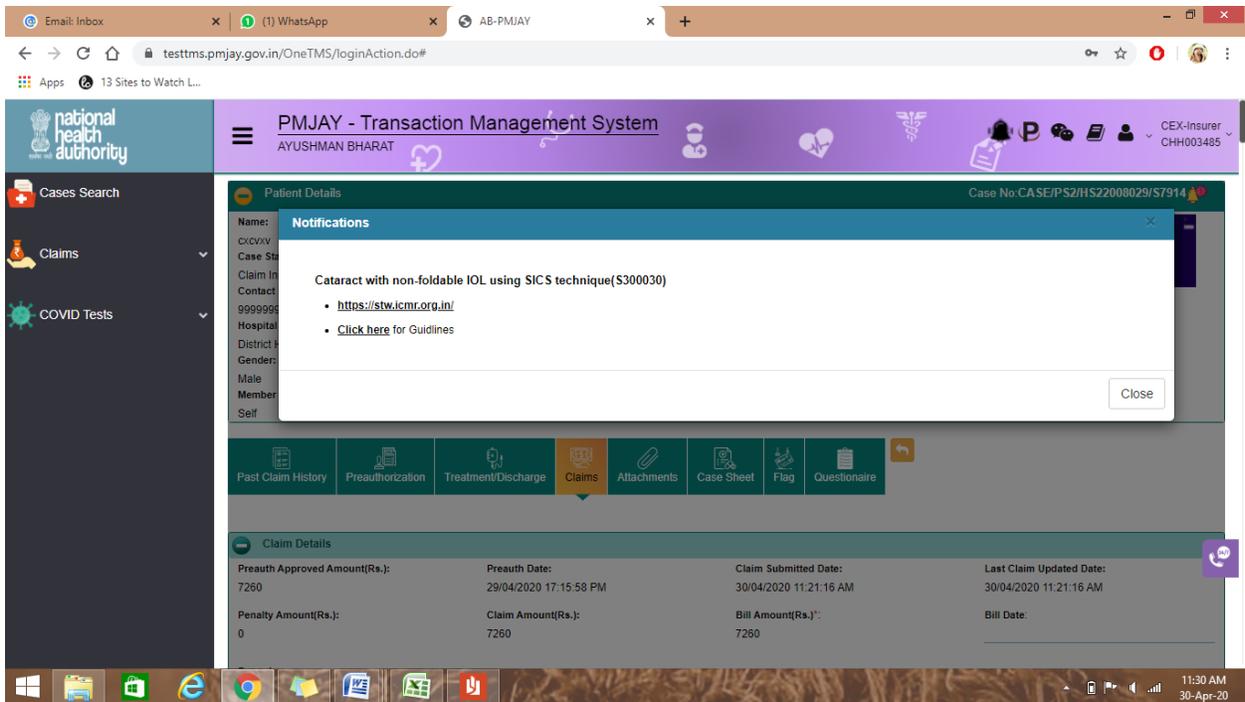


Figure 13

After filling all the mandatory fields, CEX will perform Action “Forward” and submit the case. Now the case is available in CPD login.

Select the “Notification icon as shown in following figure 14



Figure 14

A pop up will display to download NHA STG guidelines and ICMT guidelines documents as shown in following figure 15

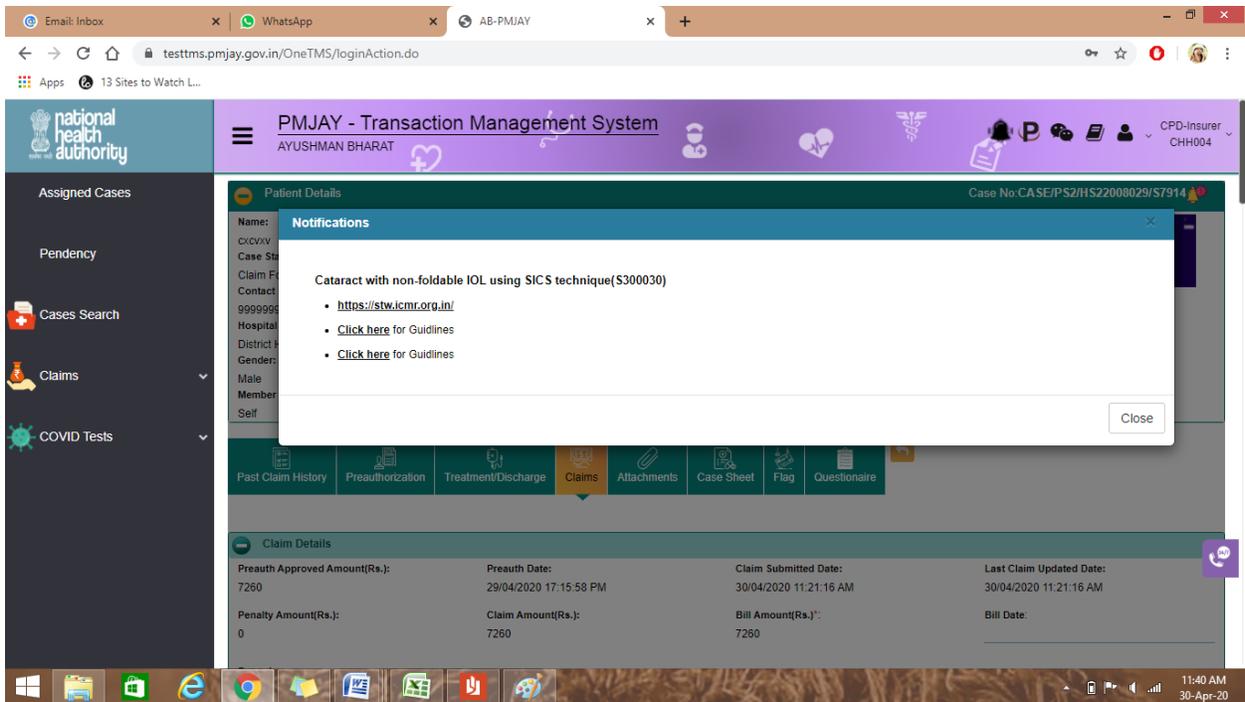


Figure 15

Select the "Questionnaire" tab to get the listed Questions as shown in following figure 16

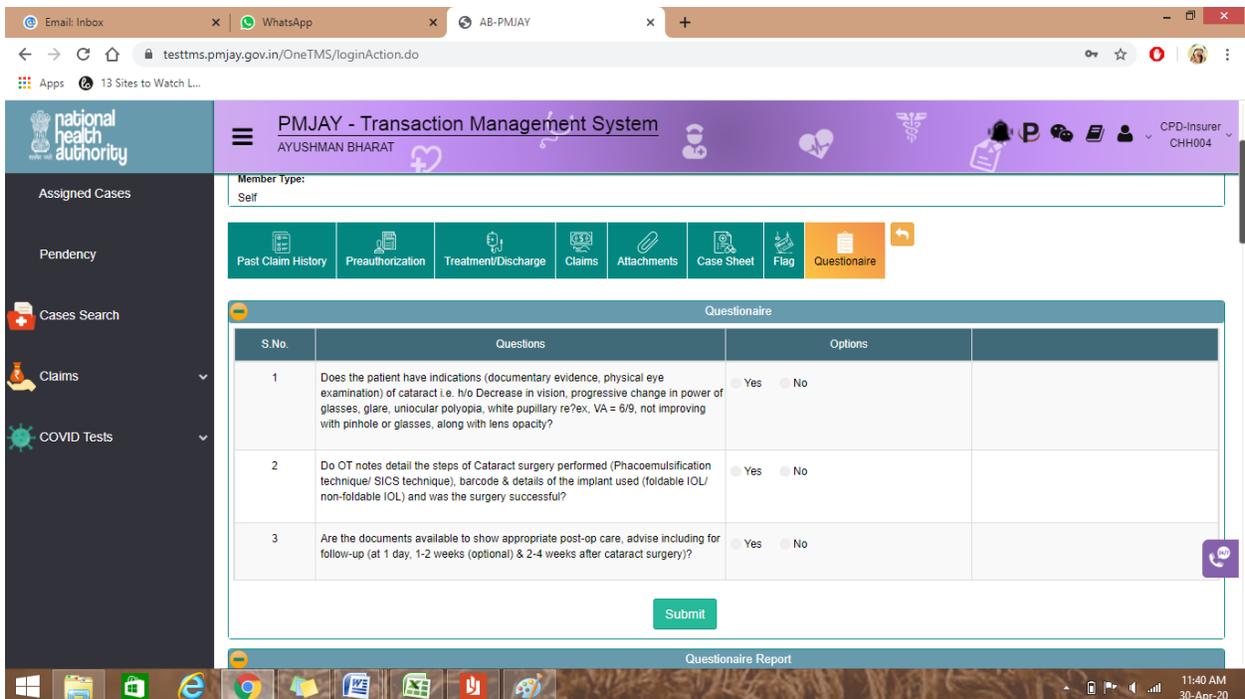


Figure 16

User has to fill Questionnaire with the options YES / NO. If the selected answer is different from desired answer then a textbox should display to enter REASON for selecting the respective answer.

After filling all the details CPD can submit the case and case will be approved.

CPD can view the questionnaire filled by MEDCO and PPD by clicking the “View Details” link as shown in following figure 17

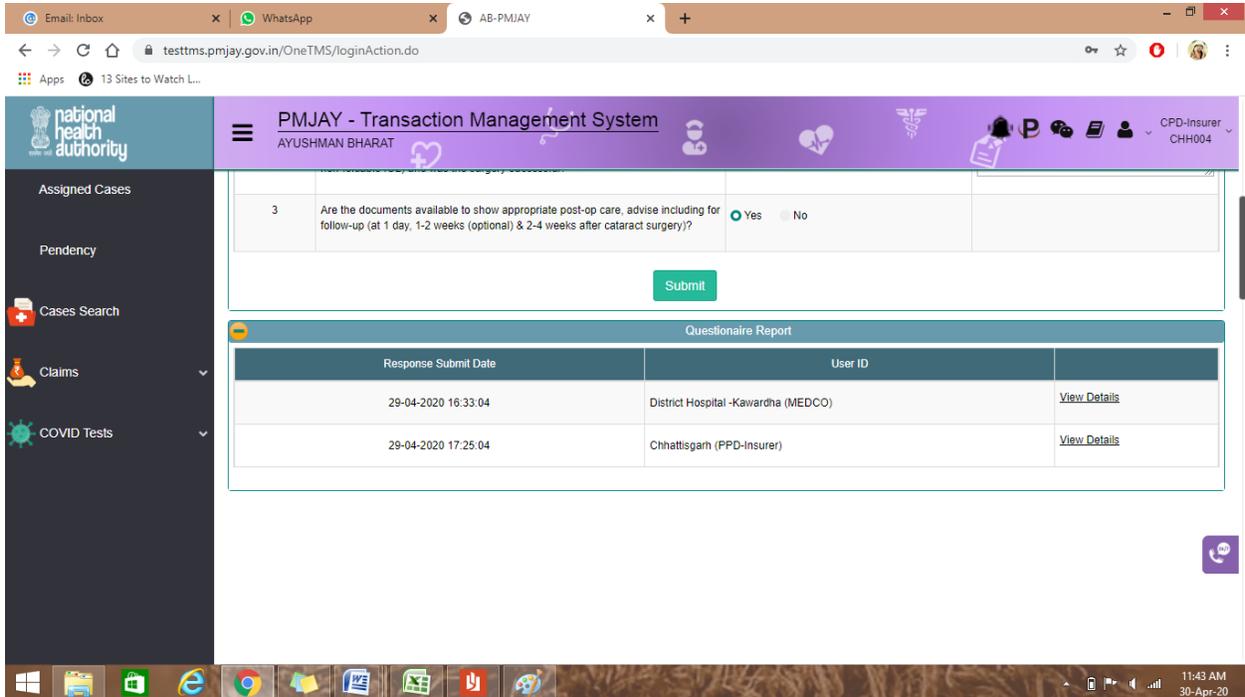


Figure 17

The Questionnaire submitted by MEDCO , PPD , CPD details can be viewed in Auditor login

Login as Medical Auditor as shown in following screenshot 18

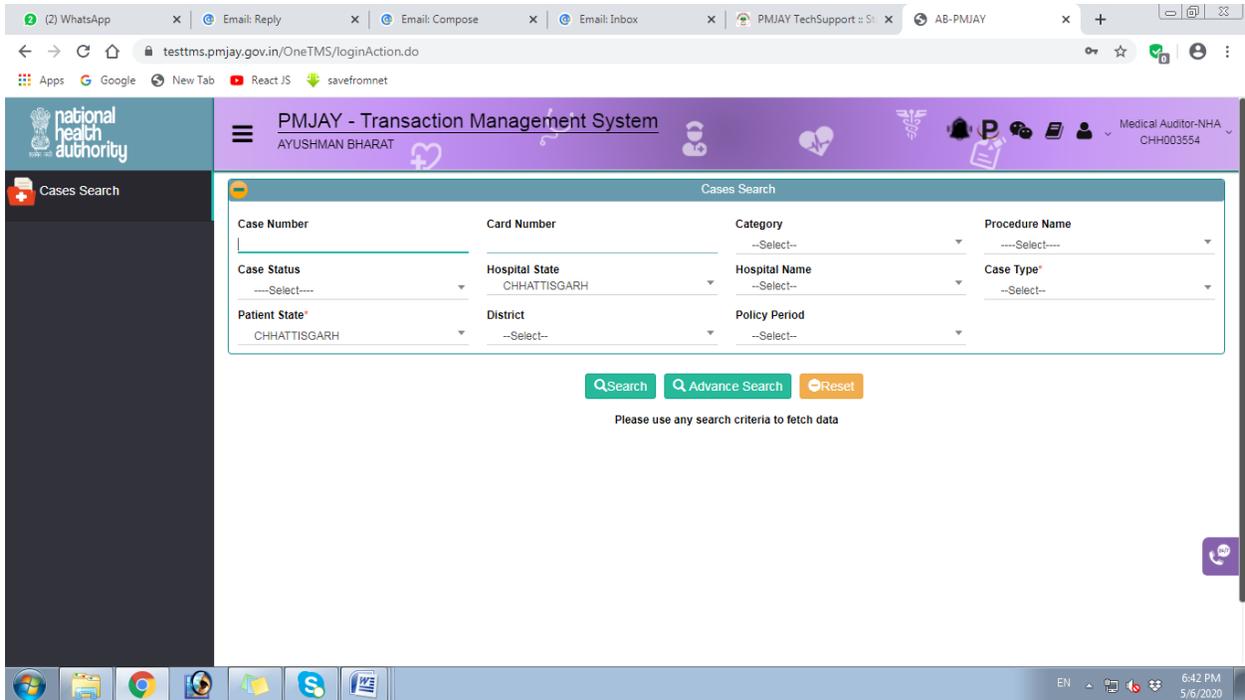


Figure 18

In "Case Search" tab , search the respective case with the "Case Number" field or Select "Category : Ophthalmology" , and "Procedure code : S300030 / S300031" and Click "Search" button as shown in following figures 19, 20

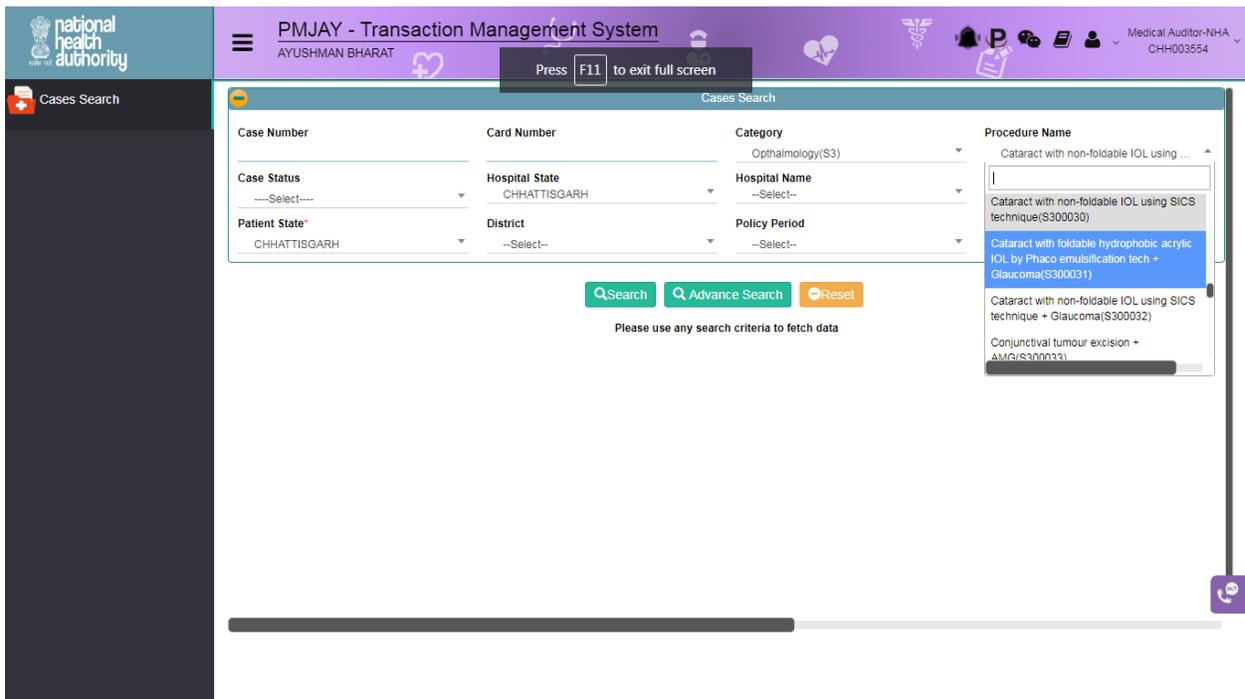


Figure 19

List of STG Procedure related cases shall display as shown in following figure 20

The screenshot shows the PMJAY Transaction Management System interface. At the top, there is a header with the National Health Authority logo and the text 'PMJAY - Transaction Management System AYUSHMAN BHARAT'. Below this is a search filter section with various dropdown menus for Case Number, Card Number, Category, Procedure Name, Case Status, Hospital State, Hospital Name, Case Type, Patient State, District, and Policy Period. Below the filter are buttons for 'Search', 'Advance Search', and 'Reset'. A table below the filter displays case records with columns for S.No, Case No, Claim No, Patient Name, Contact No, Card No, Case Status, Hospital Name, Patient Registration Date, Case Registration Date, and Category. The table contains four rows of data.

S.No	Case No	Claim No	Patient Name	Contact No	Card No	Case Status	Hospital Name	Patient Registration Date	Case Registration Date	Category
1	CASE/HS22017008/S5505	TRUST/KAN/2019/3813528/1	Nitin Raj	9999700960	7Z3RLJ4	Preauth Cancelled	District hospital	15/05/2019	07/12/2019	Ophthalmology(S3)
2	CASE/HS22017008/R7659	TRUST/BAL/2019/6443529/1	PUNI RAM	8447054412	PCZ0G171P	Case Terminated	District hospital	07/12/2019	07/12/2019	Ophthalmology(S3)
3	CASE/HS22017008/R7660	TRUST/JAS/2019/3803530/1	DEVENDRA YADAV	9340231834	PUGYVIVPP	Case Terminated	District hospital	07/12/2019	08/12/2019	Ophthalmology(S3)
4	CASE/HS22008029/IM7730	TRUST/BU/2019/6363531/1	guria nirmaia	9999999999	PSX5FBY2A	Case Terminated	District HospitalKABIRDHAM	18/12/2019	19/12/2019	Ophthalmology(S3)

Figure 20

Select respective case and click on CASE ID to open the case

Click on "Questionnaire" tab to view the Questions submitted by MEDCO and Approvers. Upon Clicking Questionnaire tab , Questionnaire Report shall display as shown in following figure 21

The screenshot shows the 'Questionnaire Report' interface. It features a table with two columns: 'Response Submit Date' and 'User ID'. The table contains three rows of data. A 'View Details' link is highlighted in a red box in the first row. Below the table, there is a summary box indicating the total number of flagged answers.

Response Submit Date	User ID
05-05-2020 13:43:05	aaarogya hospital (MEDCO)
05-05-2020 13:13:05	Chhattisgarh (PPD-Insurer)
05-05-2020 14:12:05	Chhattisgarh (CPD-Insurer)

Total number of flagged answers : 5

Figure 21

Upon clicking on "View Details" , Auditor can check the Questions filled by respective Role.

Below the Questionnaire tab , count of Flagged answers selected by MEDCO and Approvers will display as shown in above figure.