Special Diabetes Program for Indians (SDPI)

Using Electronic Health System to WebAudit for SOS RKM Data Submission

October 27, 2020

SDPI – Commonly Used Abbreviations

- ADC = Area Diabetes Consultant

- Audit = IHS Diabetes Care and Outcomes Audit

- Best Practice = SDPI Diabetes Best Practice

- DDTP = IHS Division of Diabetes Treatment and Prevention

- DMS = RPMS Diabetes Management System

- EHR = Electronic Health Record (System)

- PHI = Protected Health Information

- PII = Personally Identifying Information

- RKM = Required Key Measure

- RPMS = Resource and Patient Management System

- SDPI = Special Diabetes Program for Indians

- SOS = SDPI Outcomes System

Today's Agenda

- Recap: Target Group for the Best Practice
- Generate a list of your Target Group members
- Create an Audit export file
- Upload Audit export file into the WebAudit
- Pull from WebAudit into the SOS System

Recap: Target Group For The Best Practice

– Primary goal is to show improvement in an area of need.

– You also have to be able to collect and submit RKM data.

   1. Baseline data = Where you are starting
- How many and what percent of your Target Group members achieve the RKM <u>before</u> you start your 2021 activities.

   2. Final = What you achieve by the end
- Number and percent of Target Group members who achieve the RKM by the <u>end</u> of the budget period (Dec 31, 2021).

– How will you keep track of the Target Group members?

– How will you collect RKM data?

Methods to Collect and Submit RKM Data for Your Target Group

- Use one of three methods:
  1. Pull from WebAudit
  2. Enter Individual
  3. Aggregate Data
- Choice of method depends on many factors including who is in your Target Group and whether your program has access to RPMS or another EHR system.
- You don't have to be on RPMS to use the WebAudit.

Electronic Audits – RPMS vs. Other EHRs

- The process and requirements for conducting an electronic Audit depends on the health record system used.

- IHS provides the Diabetes Audit software to update all RPMS programs each year.

- If not using RPMS, then you have to work with your software provider.

- The data file has to be in the format specified by the IHS Audit team; Applies for RPMS and NON-RPMS users.

Contact the Audit team for more information diabetesaudit@ihs.gov

RPMS to SOS

IHS RPMS System

IHS Diabetes Register in DMS

SDPI Diabetes Register for Target Group

QMAN

Search Template for Target Group

Transfer

Create an Audit Data File

WEBAUDIT System

DATA PROCESSING

AUDIT RESOURCES

FACILITY ADMINISTRATION

AUDIT REPORTS

Upload as Interim Audit

Pull Interim Audit into SOS

SDPI Outcomes System (SOS)

Why Create a Separate Register or Template From Your IHS Diabetes Register?

- Your IHS Diabetes register will be updated throughout the year, as new diabetes patients are identified or patients are removed because they are no longer active at your facility.

- Your Target Group should remain the same during the grant period. No patients/participants will be added.

- Your Target Group may include all or some of the patients on your IHS Diabetes Register.

- It's easy to run an Audit report and create an Audit export file on a register or template.

- You can create an RPMS iCare panel or Excel spreadsheet for tracking, but you cannot run a Diabetes Audit on these.

Template vs. Diabetes Registry

- Create a list of patients:

    1. Template: It's a one time search that is static and can't be updated.
    2. Register: Can be updated adding or deleting patients and managed by defining a register status.

- When you create a new Diabetes Register for your SDPI Target Group, you can populate it:

    – individually or

    – with a group of patients

- A template allows you to copy a group of patients with a diagnosis of diabetes from one register to populate a new register.

Note: If you don't have access to the Case Management System (ACM), consult with your local IT about getting access.

Using RPMS to Create a Diabetes Template for Your SDPI Target Group

In RPMS select Case Management System (ACM)

1. Main Menu select QMAN
2. Select // Search PCC Database
3. Subject of search // Register
4. Include appointment // No
5. Which CMS Register // (name the diabetes register your are searching)
6. Select patient status // (Active)
7. Select diagnosis// All diagnosis
8. Store results in a search template
9. Name the search template
10. Select how your want to create the template:
    - (Yes, if you want template to run in background)
    - (No, if you want template to run in the foreground)

```
                                  MAIN MENU


      CR      Create/Modify Register Structure
      AU      Add Authorized Users
      BL      Build Supporting Lists
      DL      Display Supporting Lists ...
      AD      Add/Delete Patients ...
      DE      Data Entry
      RG      Report Generation ...
      RD      Resource Directory ...
      QMAN    Q-Man (PCC Query Utility)
      DEL     Delete Entire Register
      CLM     Custom letter Management ...
      ECR     Display/Edit Register Creator
      LTR     Manage Recall Letters ...
      PDM     Install Pre-Diabetes Register
      IDR     Install IHS Diabetes Register



Select Case Management System <TEST ACCOUNT> Option:   QMAM
```

```
          *****  Q-MAN OPTIONS  *****
          Select one of the following:


          SEARCH PCC Database (dialogue interface)
          FAST Facts (natural language interface)
          RUN Search Logic
          VIEW/DELETE Taxonomies and Search Templates
          FILEMAN Print
          HELP
          EXIT
Your choice: SEARCH// 1 (SEARCH)
```

```
***** SEARCH CRITERIA *****


What is the subject of your search? LIVING PATIENTS
// REGISTER


Include list of upcoming appts for the patient? NO//
   NO



Which CMS REGISTER: 2020 DIABETES

Register being checked to update status of deceased
patients.
```

```
Select the Patient Status for this report


1 Active

2 Inactive

3 Transient

4 Unreviewed

5 Deceased

6 Non-IHS

7 Lost to Follow-up

8 All Register Patients
Which Status(es): (1-8): 1// 1 (ACTIVE)
```

```
Select the Diabetes Register Diagnosis for this report
Select one of the following:

1 Type 1
2 Type 2
3 Type 1 & Type 2
4 Gestational DM
5 Impaired Glucose Tolerance
6 All Diagnoses

Which Register Diagnosis: 6 (All Diagnoses)
.................................................
...........................................................................
...................

There are 100 register patients for the combination selected.

Attribute of DIABETES REGISTER: ENTER
```

```
            **** Q-MAN OUTPUT OPTIONS *****


Select one of the following:


1 DISPLAY results on the screen

2 PRINT results on paper

3 COUNT 'hits'

4 STORE results of a search in a FM search template

5 SAVE search logic for future use

6 R-MAN special report generator

7 DELIMITED file via screen capture

9 HELP

0 EXIT

Your choice: DISPLAY// 4 STORE results of a search in FM
                       search template
```

Enter the name of the SEARCH TEMPLATE: **cb 2021 TG FOR SDPI**

Are you adding 'cb 2021 TG FOR SDPI' as

a new SORT TEMPLATE? No// **Y (YES)**

DESCRIPTION:
 No existing text
  Edit? NO// **N (NO)**

1>

Next, you will be asked about creating your template in
background...

Remember ... some templates may take a very long time to finish.

Press ENTER to continue or '^' to quit: **ENTER**

Want to run this task in background? No// **Y (YES)**

Requested Start Time: NOW// **NOW**

(Oct 20, 2020@16:17:57)

Search template being generated in background

Create a SDPI Diabetes Register

1. RPMS select Case Management System (ACM)
2. CR (to create)
3. Enter name of your new Register (ex: 2021 SDPI DIABETES)
4. Established: T (today)
5. Creator: (your name will appear)
6. HS display: Y (to display on patient Health Summary)
7. Customize Screen page: accept defaults or can add additional
8. AU: (Add Authorized users – yourself, plus others as needed)
9. AD: (to Add patients using a Search Template or Individually)
   – TX used to transfer from a Search Template
   – AP used to add patients one by one

   Note: In order for the Diabetes Management software to work with a register, the word Diabetes must be in the name of the register.

```
                          MAIN MENU


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   LTR     Manage Recall Letters ...
   PDM     Install Pre-Diabetes Register
   IDR     Install IHS Diabetes Register


Select Case Management System <TEST ACCOUNT> Option:  CR
```

```
            **      CASE MANAGEMENT SYSTEM      **
            ***********************************

                    REGISTER SELECTION UTILITY


        2003 DIABETES REGISTRY          2020 DIABETES REGISTER
        CATHEY'S TEST                   CCL BIRDTOWN
        CHEME DIABETES REGISTER         CHEMEHUEVI TRIBE DIABETES
        CHERYL'S TEST                   CHILD ABUSE/NEGLECT
        DEP EPI2 AUDIT PTS              DIABETICS
        ELDER ABUSE/NEGLECT             HANDICAPPED CHILDREN (NEW)
        HUALAPAI DIABETES REGISTER      IHS DIABETES
        IHS PRE-DIABETES                JAY'S TEST
        KATHY'S REGISTER                LORI'S DIABETES REGISTER
        MOHAVE DIABETES REGISTER        PARKER DIABETES REGISTER
        PARKER DIALYSIS PATIENTS        PEACH SPRINGS DIABETES
        PHN CASE MANAGEMENT             PHN SUPAI
        PRENATAL                        SDPI NON DIABETES
        SDPI diabetes register          SLD DM PRACTICE REGISTER
        SUPAI DIABETES REGISTER         TEST DIABETES REGISTER
        VULNERABLE ADULT                cav-diabetes


    REGISTER: 2021 SDPI DIABETES
```

Are you adding '2021 SDPI DIABETES ' as
     a new CMS REGISTER TYPE (the 33RD)? No// **Y (YES)**

REGISTER NAME: 2021 SDPI DIABETES // **ENTER**

DATE ESTABLISD: **T (OCT 20, 2021)**

REGISTER CREATOR: BUTLER,CECILIA CB// **ENTER**

HEALTH SUMMARY DISPLAY: **Y (YES)**

BRIEF DESCRIPTION: **SDPI TARGET GROUP**

```
   ***********************************
              CUSTOMIZE 2021 SDPI DIABETES  REGISTER
              ***********************************



          1)  CARE PLANS                    9)  FAMILY MEMBERS
          2)  CASE HISTORY                 10)  INTERVENTIONS
          3)  CASE REVIEW DATES    <**     11)  MEASUREMENTS
          4)  COMMENTS                     12)  MEDICATIONS
          5)  COMPLICATIONS                13)  RECALL DATES
          6)  DIAGNOSES                    14)  REGISTER DATA
<**
          7)  DIAGNOSTIC CRITERIA          15)  RISK FACTORS
          8)  ETIOLOGY                     16)  SERVICES
                                           17)  All data types


          <** Indicates automatic selection of Register Component


'A' to ADD, 'D' to DELETE option(s) or 'H' for HELP  ==> A
```

```
                              MAIN MENU


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Select Case Management System <TEST ACCOUNT> Option:  AU (ADD USERS)
```

```
                              MAIN MENU


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   AU       Add Authorized Users
   BL       Build Supporting Lists
   DL       Display Supporting Lists ...
   AD       Add/Delete Patients ...
   DE       Data Entry
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   RD       Resource Directory ...
   QMAN     Q-Man (PCC Query Utility)
   DEL      Delete Entire Register
   CLM      Custom letter Management ...
   ECR      Display/Edit Register Creator
   LTR      Manage Recall Letters ...
   PDM      Install Pre-Diabetes Register
   IDR      Install IHS Diabetes Register


Select Case Management System <TEST ACCOUNT> Option: AD (ADD PATIENTS)
```

```
   AP      Add Patient(s)

   DP      Delete Patient from Register

   TX      Data Transfer From A Search Template


Select Add/Delete Patients <TEST ACCOUNT> Option:
TX (Data Transfer From A Search Template)
```

```
                   Transfer from SEARCH TEMPLATE


Select SEARCH TEMPLATE: cb 2021 TG for SDPI
                             (Oct 19, 2020)        User #2969 File
#9000001  INQ




There are 100 patients in this SEARCH TEMPLATE.



                      REGISTER SELECTION UTILITY


          2020 DIABETES REGISTER        2021 SDPI DIABETES
          IHS DIABETES                  LORI'S DIABETES REGISTER
          PARKER DIABETES REGISTER      SDPI diabetes register

     REGISTER: 2021 SDPI Diabetes
```

```
Select one of the following:


          A            ACTIVE
          I            INACTIVE
          U            UNREVIEWED


Enter Patient Transfer Status: A// Active
          The following transfer has been selected:
          From SEARCH TEMPLATE: cb 2021 DM PTS SDPI
            To CMS register:  2021 SDPI DIABETES
            Transfer Status:    A - ACTIVE
             Is that what you want? No//  Y (YES)


Transfer of patients will be done in background mode.
All patients will be entered as ACTIVE.  All cases
should be reviewed and all patient data updated in the
          2021 SDPI DIABETES Register.
```

```
*******************************************************
*              DIABETES MANAGEMENT SYSTEM             *
*******************************************************
                    DEMO HOSPITAL
             CURRENT USER: Cecilia Butler
                     MAIN MENU


   RM        Register Maintenance …

   AS        Audit Setup …

   AR        Audit Reporting …

   PDM  PreDiabetes Audit ...


Select Diabetes Management System Option: AR
```
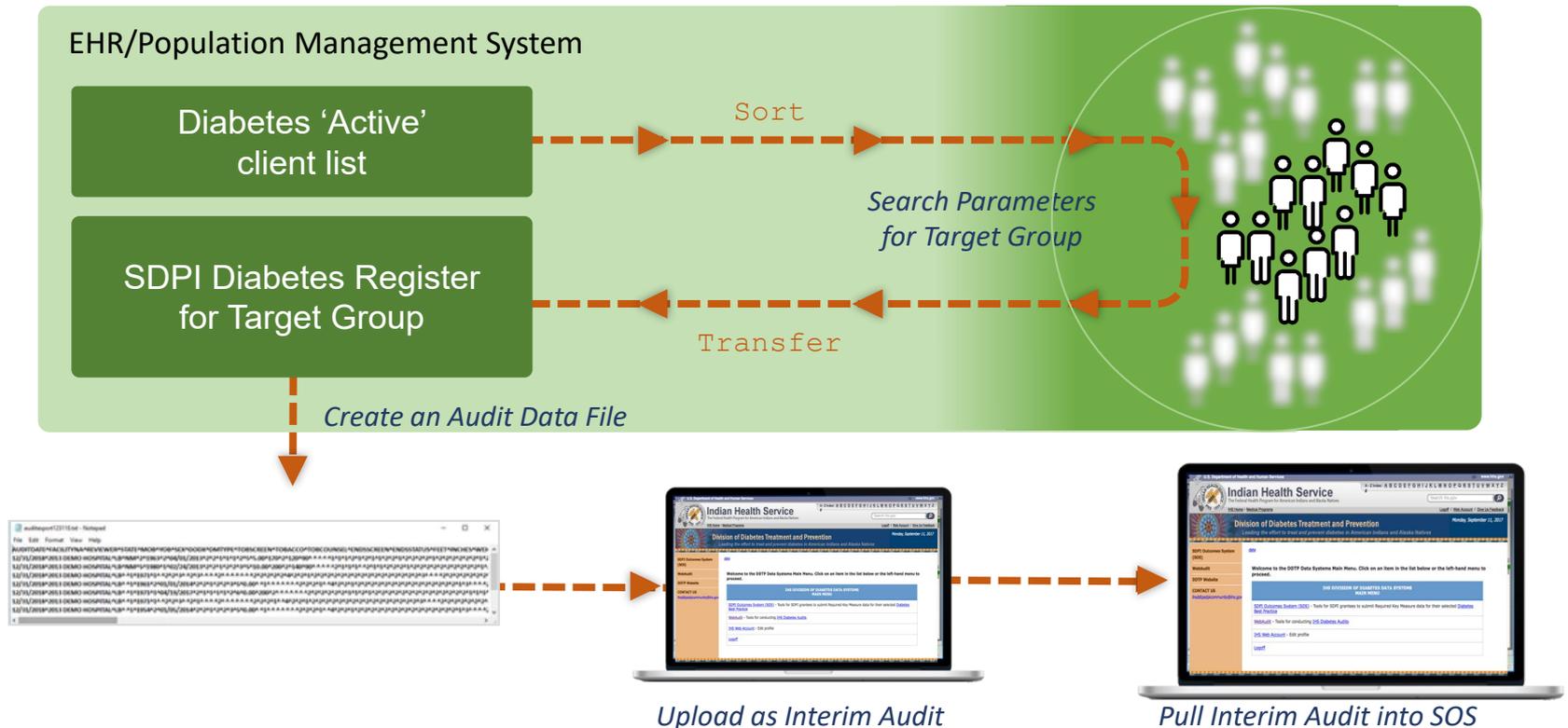
Next Step: Create an Audit Export (Data) File

1. Create Audit data file in DMS for the time period of interest (budget period).

2. Enter the Audit Date (this is the end date of the one-year Audit period).

3. Select the template or register that contains your SDPI target group.

4. Create an Audit Export Data File.

5. Retrieve Audit data file – may require assistance from your local IT.

6. Upload the data file to the WebAudit as an interim Audit.

See the Audit website to for more information, documentation, and training.
https://www.ihs.gov/diabetes/audit/audit-resources/

Electronic Health Record System to SOS

EHR/Population Management System

Diabetes 'Active' client list

SDPI Diabetes Register for Target Group

Sort

Transfer

Search Parameters for Target Group

Create an Audit Data File

Upload as Interim Audit

Pull Interim Audit into SOS

Audit Export Data File: Sample

- Export file contains raw data; don't edit anything here. If desired, you can open the file to check that the format looks correct using Notepad or other software that allows viewing of text files.

- The original text file is the only one that can be uploaded into the WebAudit.

Demonstration

Audits: Annual vs. SDPI RKM Data vs. Interim

	Annual Audit	SDPI RKM Data	Other Interim Audit
Frequency	Once per year	As many as needed	As many as needed
WebAudit Audit Type	Annual	Interim	Interim
WebAudit Versions Available	Current year only	Current + previous year	Current + previous year
Conducted When	Feb through mid-March	All year	All year
Period Covered	2021: Jan 1-Dec 31, 2020	Jan1-Dec 31	Locally determined
Due Date	2021: 3/15/2021	2020 Final: 1/31/21 2021 Baseline: 2/28/21	Determined by Area or program
Who is included	**Electronic**: All eligible DM patients **Manual**: All or sample of eligible DM patients	SDPI Target Group	Determined by Area or program
Data reviewed by DDTP	Yes	No	No
Data used for national reports	Yes	Yes (baseline & final only)	No

Conclusion and Resources

- Work with your team.
  - Review what your program said it would do (2021 Application).
  - Discuss and decide how you will choose and track your Target Group members and RKM data.
- Ask questions as they arise.
- Resources:
  - [Area Diabetes Consultant](#) for your Area
  - SDPI Team (SOS & general questions): sdpi@ihs.gov
  - Diabetes Audit Team diabetesaudit@ihs.gov
  - Audit Resources https://www.ihs.gov/diabetes/audit/audit-resources/