

NEW PHASE REPORTING

By Ben Fouts, Data Analyst,
Data Group Webinar, April 11, 2017
Redwood Community Health Coalition



PHASE

New Definitions, Template and Instructions



PHASE Initiative

Focuses on patients who have Abdominal Aortic Aneurysm, Coronary Artery Disease, Peripheral Artery Disease, Transient Ischemic Attack/Cerebrovascular Accident or Diabetes



PHASE Algorithm

- Medications
- Goals for:
 1. Blood pressure
 2. Statin
 3. HbA1c

PHASE
PHYSICIAN LEADERSHIP AND CLINICAL RESEARCH

KAISER PERMANENTE
IMPROVING HEART HEALTH
IN OUR COMMUNITY

V2 Updated: 6/28/2016

PHASE POPULATIONS

Repaired AAA	CAD	Symptomatic PAD
CVA/TIA Ischemic, Embolic	ASA: HTN/Smoking: M ≥ 50 yrs, F ≥ 60 yrs, ACEI: ≥ 55 yrs or microalbuminuria	

PHASE MEDICATIONS & CAUTIONS
INDEPENDENT of BP control or Statin Use

ASA

ASA	81mg daily
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CAUTION/INFO If ASA intolerant:
Clopidogrel: CAD, Sx PAD
Warfarin: Embolic CVA/TIA

ACEI

Lisinopril	10mg daily
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CAUTION/INFO Verify effective contraception in women of childbearing potential: use Chlorthalidone or HCTZ.
Use ACEI with caution: eGFR <30, K >5.5
ARB may be inappropriate: Hx of Angioedema, renal failure or hyperkalemia on ACEI.

ACEI + Thiazide: HX ISCHEMIC & EMBOLIC CVA, HX INTRACRANIAL HEMORRHAGE

Lisinopril - HCTZ	10-12.5mg
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STATIN

- Clinical ASCVD³ Age <75 + any LDL

Atorvastatin	40-80mg daily
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- Clinical ASCVD Age ≥75 + any LDL
- DM: Age ≥40 + LDL 70-189

Simvastatin OR Atorvastatin	20-40mg OR 10-20mg
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CAUTION/INFO Verify effective contraception in women of childbearing potential.

BETA BLOCKER - FOR CAD/Sx PAD/AAA

Metoprolol ER or Atenolol	25mg daily
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CAUTION/INFO Use with caution: HR < 55, asthma, hypotension. HF or LVEF < 40%: Use 1) Carvedilol or 2) Bisoprolol. eGFR < 30: Use Metoprolol ER.

BP Goals¹
≤ 139/89: <60 yrs and/or DM, and/or CKD²;
≤ 149/89: ≥ 60 yrs, no DM, no CKD/microalb.

Statin Goals
Atorvastatin 40-80 mg:
• Clinical ASCVD³ Age < 75 + any LDL
Simva 20-40 mg or Atorva 10-20 mg:
• Clinical ASCVD Age ≥ 75 + any LDL
• DM: Age ≥ 40 + LDL 70-189

A1c Goals
≤ 7.9%: > 65 yrs or clinical factors⁴
≤ 6.9%: <65 yrs w/o clinical factors

¹ BP algorithm applies to eGFR ≥ 30 and LVEF ≥ 40%
² CKD: Microalbuminuria or [Age/2] + eGFR < 30
³ Clinical ASCVD (Atherosclerotic cardiovascular disease): CAD, TIA/CVA, Symptomatic PAD, Repaired AAA
⁴ Individualize A1c goal based on Risk of hypoglycemia, Duration of DM, Life expectancy, Co-morbidities, Vascular complications, member resources, and support system
⁵ If on thiazide and eGFR ≥ 60 AND K < 4.5
⁶ Titrate to BP; HR 55-70
⁷ If transitioning from Atenolol to Losartan use combination Losartan and Metoprolol
⁸ E.g. NPH insulin, Levemir, Lantus
 Adapted from KPNC CPG for: CAD, DM, Cholesterol, HTN, HF and Stroke

2017 RCHC PHASE Reporting

- Data reported every quarter.
- Measurement period is one year.
- First quarter of the year just ended.
- This week, Colleen will send an e-mail to health centers participating in PHASE with a reporting template containing their summary data, a new instruction manual, and the location of the new PHASE BridgeIT reports

RCHC PHASE Reporting

- New BridgelT report: PHASE_v7
- Now a single report is used for case management and reporting
- It contains more information on patients
- Features output sheets for the modified measures

New BridgeIT Instruction Manual

- Displays ICD-10 codes used to define the chronic conditions
- Names the medication groups
- Provides examples of filters that can be used for case management
- Defines the columns
- Lists the filters and output sheets for reporting

Instructions and Technical Documentation for the BridgeIT PHASE Report Set

Version 8, By Ben Fouts, Redwood Community Health Coalition. April, 2017.

Introduction

A BridgeIT report is available from RCHC that displays patients eligible for the Kaiser Permanente PHASE (Preventing Heart Attacks and Strokes Every Day) initiative. The newest version of the report can be used for case management activities and to summarize data for quarterly reporting. Similar to reports in the RCHC BridgeIT Annual Clinical Report Set, the PHASE report can be filtered to display particular patient sub-populations, and has associated output sheets that display a summary of the data.

The instructions below were written for people who are familiar with the basics on how to run BridgeIT reports. For instance, users will need to know how to import a report from the Warehouse, run it with parameters, filter the results, open and refresh the output sheets, and move between the output sheets in order to copy data from them.

PHASE Population Definition

The initial denominator for the BridgeIT PHASE report is defined as all patients 18 years of age and older with at least one diagnosis code on their Problem List from one of seven diagnosis groups, or who have been identified as a the PHASE program participant by the health center. Below are the lists of ICD-10 codes that are used by the report to define the initial report denominator¹. Note that an asterisk (*) denotes any number or no number.

Diabetes Mellitus (abbreviated "DM"): E10*, E11*, E13* and O24* (but not O24.4* or O24.9*)

Abdominal Aortic Aneurysm (abbreviated "AAA"): I71.3, I71.4 and I71.9

Coronary Artery Disease (abbreviated "CAD"): I20*, I21*, I22*, I23*, I24*, I25* (but not I25.3, I25.41 or I25.42), Z95.1, and Z98.61

Peripheral Artery Disease (abbreviated "PAD"): I70.0, I70.1, I70.20*, I70.21*, I70.229, I70.235, I70.245, I70.25, I70.269, and I70.299

Transient Ischemic Attack/Cerebrovascular Accident (abbreviated "TIA"): G45.0, G45.1, G45.8, G45.9, G46.3, G46.4, I63*, I65*, I66*, I67.2 and Z86.73

Demonstration of BridgeIT Report: PHASE_v7

- Different columns
- Different outputs

Changes to PHASE Reporting

- Same basic sections
- Some modifications to section names and denominator definitions
- See the tab “Definitions” on the reporting template
- Our data will appear on the Report_HealthCenter tab of the template

Changes to PHASE Reporting

- Old “REACH” section has been renamed “Patient population measures.” Two of the patient definitions have changed.
- Report on the number of patients in defined populations:
 1. Diabetes: patients aged 18-75 years with a diagnosis of diabetes and at least two primary care medical visits in the past two years
 2. ASCVD: patients aged 18 years and over with a diagnosis of ASCVD
 3. Hypertension: patients aged 18-85 years with a diagnosis of essential hypertension and diagnosed at least six months ago
 4. Unduplicated patients in these three populations

Medication Measures

- The statin and ACE/ARB medication measures were changed from all PHASE-eligible patients to patients with diabetes
- Diabetes denominator is the same as the defined diabetes population (see last slide) except that the age range is 55 to 75 years
- NEW medication measure: patients in the hypertension denominator (see last slide) who have been prescribed an oral drug in the anti-hypertensive class

Antihypertensive Medications

- A new Rx Group must be established in eCW with the name "Antihypertensives"
- Add medications to it suggested by KP/PHASE
- See the document "PHASE Clinical and Quality Measures: Oral Medication List for Hypertension" available from RCHC

Clinical Quality Measures

- Based on the defined populations of patients with diabetes and hypertension
 1. Diabetes controlled blood pressure (under 140/90 mmHg)
 2. Diabetes controlled A1c (under 9%)
 3. Hypertension controlled blood pressure (by what we call the "QIP" definition)

UDS Screening and Follow-up Measures

- Tobacco screening and follow-up. No change. Same as presumed 2017 UDS measure.
- BMI screening and follow-up. No change. Kept 2016 UDS measure (which is NOT the same as the presumed 2017 UDS measure)
 1. 2016 UDS Normal BMI: If aged 18-64 years, $18.5 \leq \text{BMI} < 25$; If aged 65+ years, $23 \leq \text{BMI} < 30$
 2. 2017 UDS Normal BMI: all ages 18+ years, $18.5 \leq \text{BMI} < 25$
- Depression screening and follow-up. No change. Same as presumed 2017 UDS measure.

New Versions of BridgeIT Reports

- Adult_Weight_v8 (use for PHASE)
- New column to evaluate the new definition of 'normal' weight parameters ($18.5 \leq \text{BMI} < 25$ for adults)
- New output sheet to summarize this column
- All other columns and outputs left same as v7

New Versions of BridgeIT Reports

- Tobacco_v6 (use Version 6.2 for PHASE)
- Added ICD-10 codes for:
 1. Tobacco use (Z72.0)
 2. Tobacco counseling (Z71.6)

FYI: New Version of BridgeIT Report (not PHASE)

- Cervical Cancer Screening_v8 (now Version 8.1)
- Added Gender Identity from Social History for health centers that are placing it there instead of (or in addition to) Patient Information Structured Data

BridgelT Report Index Also Will be on the RCHC IHIT Portal

Most Recent Versions of Documents and Clinical BridgelT Reports			
Key Documents			<i>Updated: April 2017</i>
Instruction manual: Instructions_BridgelT Clinical Annual Reports_v12 (December, 2016) Technical document: Technical_BridgelT Clinical Annual Reports_v12 (November, 2016) System Set-Up Document: SystemSetup_BridgelT Clinical Annual Reports_v5 (December, 2016) Validating the data: Instructions_Validating_Cleaning_Data_v4 (April, 2016)			
BridgelT Reports			Color coding: New version of report
Report name in BridgelT	Type		Last update
Adult_Weight_v8	Data summary		April 2017
Asthma_Pharma_v7	Data summary	Version 7.1	November 2016
Asthma_Validation_v3	Validation		October 2015
Breast Cancer Screen Validation_v3	Validation	Version 3.1	March 2015
Breast Cancer Screening_v6	Data summary	Version 6.1	October 2015
CAD_LipidLower_v4	Data summary	Version 4.2	November 2016
CAD_Validation_v4	Validation		November 2016
Cervical Cancer Screen Validation_v5	Validation	Version 5.1	March 2015
Cervical Cancer Screening_v8	Data summary	Version 8.1	April 2017
Child_Weight_v6	Data summary	Version 6.1	November 2016
ColRect Cancer Screening_v6	Data summary		August 2016
ColRect_Image_Validation_v3	Validation	Version 3.1	March 2015

Questions About PHASE?