H2N Chart Abstraction
Protocol
Goal: to abstract BP data for Q42015, Q42016, Q42017 from practices who are unable to produce electronic ABCS reports by 3/31/2018
Ultimate goals is a dataset of BP from 3 quarters from 188 practices total to enable analysis of specific aims.

1   **Name of the Practice:**

2   **How did you select charts?**   This has a pulldown menu
        Notes:

3   **Part 1: For each patient, determine denominator eligibility**
                If you have a list of eligible patients from EHR, you can skip part 1, otherwise manually determine eligibility
        Notes:

        Part 2: For each patient, determine numerator code by reviewing the chart
                you will determine BP measured by OFFICE VISIT during the time period
                you will review for exclusion criteria (like pregnancy)
        Notes:

4   ***** This information will auto fill. Enter it into REDCAP:**
        Indicate chart abstraction as the source in REDCAP

        Q4 2015   # reviewed   Rate
                                                                                (formulas can be added
                                                                                for these numbers and a rate
                      # Eligible (denominator, ideally 90+)   autocalculated)

meeting criteria (numerator)

Notes, questions, comments??

Did you overwrite REDcap data?

Q4 2016   # reviewed

       Rate

(formulas can be added for these numbers and a rate autocalculated)

Eligible (denominator, ideally 90+)

meeting criteria (numerator)

Notes, questions, comments??

Did you overwrite REDcap data?

Q4 2017   # reviewed

       Rate

(formulas can be added for these numbers and a rate autocalculated)

Eligible (denominator, ideally 90+)

meeting criteria (numerator)

Notes, questions, comments??

Did you overwrite REDcap data?

Denominator final rating (circle 1):
        0 = didn't meet denominator criteria ineligible
        1 = meets denominator criteria
Numerator final rating (circle 1):
        0 = didn't meet criteria for controlled BP
        1= met criteria for controlled BP
        2= didn't meet criteria, but met exception such as pregnancy

Measurement Date: (circle one)
12/31/2015 for Q4 2015
12/31/2016 for Q4 2016
12/31/2017 for Q4 2017

Part 1: Were you able to obtain a list of eligible patients from the EHR?
        ☐No – Continue to Part 2
        ☐Yes – record denominator=1 and go to part 3

Part 2: Manually determine whether individual meets eligibility criteria.
    Review charts until *90 eligible people* are identified for each time point (check summary page for totals)
    1.   Did this patient have a face to face visit with an enrolled provider in the year prior to measurement date?
        ☐No – **Exclude from review** record denominator = 0 and begin review of next chart
        ☐Yes - **Continue**

    2.   Is patient ≥ 18 1 year prior to measurement date AND <= 85 as of 1 year prior to measurement date?
        ☐No – **Exclude from review** record denominator = 0 and begin review of next chart
        ☐Yes - **Continue**

    3.   Was the patient diagnosed with essential hypertension* on the active problem list by 6 months prior to the measurement date or has an office visit diagnosis code by 6 months prior to measurement date?
        ☐No – **Exclude from review** and begin review of next chart
        ☐Yes – **Record as Denominator = 1 and continue**

Part 3: Determine if this chart meets numerator criteria.
    1.   Find most recent ***office recorded*** BP in a standard EHR field within 1 year prior to measurement date. Is the systolic BP <140 and diastolic BP<90?
        ☐Yes – **Meets criteria for Numerator , record = 1** and begin review of next chart
        ☐No – **Blood pressure is higher.** Continue to determine if exception (X) exists
        ☐No – **Blood pressure is not measured record numerator = 2** and begin review of next chart

Part 4: Determine if chart meets exception criteria
    1.   Is there a dx code on the active problem list (on or before MeasDate) or an office visit dx code (on or within 1 year before MeasDate)

indicating pregnancy*?

>☐Yes – **Meets criteria for Exception, record numerator=2** and move to next chart

>☐No – Continue with review to determine if another exception exists

2. Is there a dx code on the active problem list (on or before MeasDate) or an office visit dx code (on or within 1 year before MeasDate) indicating end stage renal disease (ESRD)*?

>☐Yes – **Meets criteria for Exception, record numerator=2** and move to next chart

>☐No – Continue with review to determine if another exception exists

3. Does the chart indicate that the goals of care are palliative?

>☐Yes – **Meets criteria for Exception, record numerator=2** and move to next chart

>☐No – **Doesn't meet exceptions, record numerator = 0** (uncontrolled BP) and move to next chart

QUARTER: XXXXX Measurement date: XXXXXX

DELETE Patient MRN	denominator eligibility if all 3=1, status = 1; else 0				Numerator Eligibility				
						Control?	Exception	Exception	Exception
	FINAL Denominator status	in person visit?	age 18-85?	HTN dx 6 mo prior?	FINAL Numerator	BP 140/90?	pregnant?	ESRD?	Palliative care?
	1= eligible 0=imeligible	0=no inelig 1=yes cont	0=no inelig 1=yes cont	0=no inelig 1=yes cont	0=uncontrolled BP 1=controlled BP 2=uncontrolled, exception met	0=no cont.. 1=yes done	0=no cont.. 1=yes done	0=no cont.. 1=yes done	0=no done 1=yes done

QUARTER: XXXXX Measurement date: XXXXXX

DELETE / Patient MRN	denominator eligibility if all 3=1, status = 1; else 0				Numerator Eligibility				
						Control?	Exception	Exception	Exception
	FINAL Denominator status	in person visit?	age 18-85?	HTN dx 6 mo prior?	FINAL Numerator Status	BP 140/90?	pregnant?	ESRD?	Palliative care?
	1= eligible 0=imeligible	0=no inelig 1=yes cont	0=no inelig 1=yes cont	0=no inelig 1=yes cont	0=uncontrolled BP 1=controlled BP 2=uncontrolled, exception met	0=no cont.. 1=yes done	0=no cont.. 1=yes done	0=no cont.. 1=yes done	0=no done 1=yes done

QUARTER: XXXXX Measurement date: XXXXXX

DELETE	Denominator Eligibility				Numerator Eligibility				
						Control?	Exception	Exception	Exception
Patient MRN	FINAL Denominator status	in person visit?	age 18-85?	HTN dx 6 mo prior?	FINAL Numerator Status	BP 140/90?	pregnant?	ESRD?	Palliative care?
	1= eligible 0=imeligible	0=no inelig 1=yes cont	0=no inelig 1=yes cont	0=no inelig 1=yes cont	0=uncontrolled BP 1=controlled BP 2=uncontrolled, exception met	0=no cont.. 1=yes done	0=no cont.. 1=yes done	0=no cont.. 1=yes done	0=no done 1=yes done

Practice ID	Name	date abstraction scheduled for	Abstractor lead	date completed	Notes