RESOURCE AND PATIENT MANAGEMENT SYSTEM

IHS PCC Suite

(BJPC)

Patient Wellness Handout Description and Logic

Version 2.0 Patch 8
July 2012

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Preface

The Patient Wellness Handout is a tool that provides patients with access to some of the information in their medical record. Information, education, and the delivery of preventive services improve patient health and facilitate communication between healthcare providers and patients. This results in improved patient outcomes.

1.0   Component Descriptions

1.1   Header Information

The header below displays on each page of the Patient Wellness Handout.

```
   ********** CONFIDENTIAL PATIENT INFORMATION   Date    **********
Patient Wellness Handout           Report Date:          Page: 1
```

Figure 1-1: Header Example

1.2   Demographic Component

This section is standard on each handout type for all patients. It is always printed and is not an optional component. The text that displays will depend on the age of the patient.

1.2.1   Format and Logic

```
Patient Name          HRN                    Facility Name
Patient Street address                       Facility City, State and ZIP
Patient City, State and ZIP                  Primary Designated Provider
Patient phone #                              Facility phone number

Greeting to Patient

Emergency Information
```

Figure 1-2: Standard Demographic Information Example

- **Patient last name, First Name, HRN, Address and Phone number** are obtained from the Patient files which are updated by patient registration.

- **Facility Name:** Uses the value in the FACILITY PRINT NAME field in the PCC Master Control file for the site the user is logged in to. If that value is blank then it displays the name of the facility in the LOCATION file for the location that the user is logged in to.

- **Provider Designated Provider name**: The designated primary care provider is displayed. If none exists, then no provider name displays. Provider is taken from the Designated Primary Care Provider package and if that isn't in use the value is taken from the Designated Provider field of the Patient file.

- **Facility phone number**: Facility phone number is obtained from the phone number field of the LOCATION file for the site the user is logged in to.

1.2.2   Greeting Text

- For patients 13 and older: "Thank you for choosing [Facility Name]. This handout is a new way for you and your doctor to look at your health."

- For patients 0-12 years of age: "Thank you for visiting with us! Please look at this information about your child's visit. If you have any questions, contact your child's health care provider or ask at your next clinic appointment."

```
SMITH, JOAN MARIE   HRN:  100019                   DEMO HOSPITAL
900 RIVER PLACE                               CHICAGO, ILLINOIS   77788
MY TOWN, ARIZONA   12121                      JONES, DOCTOR
555-555-0010                                  555-555-1234


Thank you for choosing DEMO HOSPITAL.
This handout is a new way for you and your doctor to look at your health.
```

Figure 1-3: Greeting Text Example – Patient 13 and Older

1.2.3   Emergency Information

Emergency Information displays as a part of the Demographic Component. This section is standard on each handout type for all patients. It is not an optional component.

1.2.3.1   Logic

- Emergency contact information is obtained from the VA Patient file and is updated by patient registration.

- Last ER visit: The last visit on file with a clinic code of 30. The reason for visit is the ICD code narrative of the primary purpose of visit. This will not display if the patient has no ER visits.

- Last Hospital Admission: The last visit on file with a service category of H (Hospitalization) is displayed. The reason for visit is the ICD Narrative text of the Primary purpose of visit.

```
EMERGENCY INFORMATION
Emergency Contact: SMITH,PHILLIP JAMES            My Blood Type: A+
Address: 900 RIVER PLACE
City/State: MY TOWN,  ARIZONA    12121
Phone: 555-555-0010

Last ER visit: Jan 12, 2009
   Main reason for visit: ASHTMA EXACERBATION
Last Hospital Admission: Mar 03, 2007
   Reason for admission: PNEUMONIA
```

Figure 1-4: Emergency Information Example

1.3   Height/Weight/BMI Component

The logic and display for the Height/Weight/BMI component differs depending on the age of the patient.

1.3.1   Patients 19 and Older

This component will not display if any Purpose of Visit for the patient's most recent visit is Prenatal/Pregnancy.

- Logic for determining pregnancy: Finds all visits in the past 90 days that have a service category of Ambulatory, Observation, Day Surgery, or Hospitalization. If any of the purpose of visits recorded on any of those visits is contained in the BGP GPRA PREGNANCY DIAGNOSES taxonomy the patient is considered pregnant and this component will not display.

- The following standard text is displayed: ***"Weight and Body Mass Index are good measures of your health. Determining a healthy weight and Body Mass Index also depends on how tall you are."***

- The system retrieves the most recent Height (measurement type HT) from the V MEASUREMENT File. The system retrieves the most recent Weight (measurement type WT) from the V MEASUREMENT File. The system retrieves the patient's age in years as of the date the handout is run.

- The system determines if the HT or WT data is "out of date" (not current) based on the following logic:

  – For ages 19 through 50, height and weight must be within the last five years, not required to be on same day.

  – For ages over 50, height and weight must be within the last two years, not required to be on same day.

The system determines the above in a very general way: e.g. if the date of the HT for those over 50 was over (2*365) days ago the HT is considered out of date. For those 19-50 if the date of the last WT is greater than (5*365) days ago the weight is considered out of date.

The handout displays messages according to the following logic:

- If the Height is current and weight is either not current or has never been entered the following displays:

  "You are [feet] feet and [inches] inches tall."

  "No recent weight is on file. We recommend that you have your weight rechecked at your next visit."

- If the Weight is current and the height is either not current or has never been entered the following displays:

  "Your last weight was [xxx] pounds on [MMM, DD, YYYY]."

  "No recent height is on file. We recommend that you have your height rechecked at your next visit."

- If neither the Height nor Weight is current the system displays:

  "No recent weight is on file. We recommend that you have your weight rechecked at your next visit."

  "No recent height is on file. We recommend that you have your height rechecked at your next visit."

- If both the Height and Weight values are current the system displays the following:

  "You are [feet] feet and [inches] inches tall."

  "Your last weight was [number] pounds on [MMM DD, YYYY]."

  "We recommend that you have your weight rechecked at your next visit."

- If, both the Height and Weight are current the system calculates the patient's BMI using the last weight and height recorded. Given H is Height in inches and W is weight in lbs. the calculation is:

  S W=W*.45359,H=(H*0.0254),H=(H*H),%=(W/H),%=$J(%,4,1)
  This is weight in kilograms divided by height in meters squared.
  Once calculated the system displays:

  "Your Body Mass Index on [MMM DD, YYYY] was [BMI]."

- If the patient's BMI is between 18-25, the following message displays:

  "You are at a healthy weight. Keep up the good work!"

- If the patient's BMI is greater than or equal to (≥) 26, the following message displays:

  "You are above a healthy weight. Ask your health care provider about a weight that is good for you."

- If the patient's BMI is less than or equal to 17, the following message displays:

  "Your current BMI is below normal. Ask your health care provider about a weight that is good for you."

1.3.2   Patients 13-18 Years of Age

This component will not display if any Purpose of Visit for the patient's most recent visit is Prenatal/Pregnancy.

- Logic for determining pregnancy: Finds all visits in the past 90 days that have a service category of Ambulatory, Observation, Day Surgery, or Hospitalization. If any of the purpose of visits recorded on any of those visits is contained in the BGP GPRA PREGNANCY DIAGNOSES taxonomy the patient is considered pregnant and this component will not display.

- The following standard text is displayed:

  Weight and Body Mass Index are good measures of your health. Determining a healthy weight and Body Mass Index also depends on your age and how tall you are.

- The system retrieves the most recent Height (measurement type HT) from the V MEASUREMENT FILE. The system retrieves the most recent Weight (measurement type WT) from the V MEASUREMENT FILE. The system retrieves the patient's age in years as of the date the handout is run.

- The system determines if the HT or WT data is "out of date" (not current) based on the following logic: Height and weight must be on same day.

- Messages display according to the following logic:

  - If the Height is current and weight is either not current or has never been entered the following displays:

    "You are [feet] feet and [inches] inches tall."

    "No recent weight is on file. We recommend that you have your weight rechecked at your next visit."

  - If the Weight is current and the height is either not current or has never been entered the following displays:

    "Your last weight was [xxx] pounds on [MMM, DD, YYYY]."

    "No recent height is on file. We recommend that you have your height rechecked at your next visit."

- If neither the Height nor Weight is current the system displays:

  "No recent weight is on file. We recommend that you have your weight rechecked at your next visit."

1.3.3   Pediatric Weight/Height/Head Circumference

This component will not display if any Purpose of Visit for the patient's most recent visit is Prenatal/Pregnancy.

- Logic for determining pregnancy: Finds all visits in the past 90 days that have a service category of Ambulatory, Observation, Day Surgery, or Hospitalization. If any of the purpose of visits recorded on any of those visits is contained in the BGP GPRA PREGNANCY DIAGNOSES taxonomy the patient is considered pregnant and this component will not display.

- The following standard text displays:

  - If the patient is 0-3 years old:

    "Weight, height, and head circumference can help you see how your child is growing."

  - If the patient is 4-12 years old:

    "Weight and height can help you and your doctor sees how well your child is growing."

The system retrieves the most recent Weight (measurement type WT) from the V MEASUREMENT FILE. The system retrieves the patient's age in years as of the date the handout is run.

- The system determines if the HT or WT data is "out of date" (not current) based on the following logic: For ages >24 months the height and weight must have been in the past year to be considered current; For ages 6-24 months the height and weight must have been taken in the past 90 days; For ages 6 months or less the height and weight must have been taken in the past 30 days.

- The handout displays messages according to the following logic:

  - If the Height is current and weight is either not current or has never been entered the following displays:

    "Your child is [feet] feet and [inches] inches tall."

    "No recent weight is on file. We recommend that you have your child's weight rechecked at your next visit."

  - If neither the Height nor Weight is current the system displays:

    "No recent weight is on file. We recommend that you have your child's weight rechecked at your next visit."

    "No recent height is on file. We recommend that you have your child's height rechecked at your next visit."

– If both the Height and Weight values are current the system displays the following:

"Your child is [feet] feet and [inches] inches tall."

"Your child's last weight was [number] pounds on [MMM DD, YYYY]."

- If the child is **0-2 years old** the system retrieves the most recent head circumference from the V Measurement file. If there is a head circumference value on file the system displays:

"Your child's most recent head circumference is [value] on [date]"

- If the head circumference has never been entered the following displays:

"There is no recent head circumference is on file. We recommend that you have your child's head circumference at your next visit."

1.4 Recent Weight History Component

The system displays the last five weight values recorded for the patient. The following text displays:

**"Here are your most recent weights
Date   Weight (lbs)"**

1.5 Tobacco Quit Line Component

This component will only display for patients who have a tobacco health factor that indicates current tobacco use.

- The system will retrieve the last documented health factor in the TOBACCO (SMOKING) category.

- The system also retrieves the last documented health factor in the TOBACCO (SMOKELESS - CHEWING/DIP) category.

- If either of the above health factors indicates the patient is a current user then the following text displays. The following health factors are considered current users:

  – CURRENT SMOKELESS
  – CURRENT SMOKER, EVERY DAY
  – CURRENT SMOKER, SOME DAY
  – CURRENT SMOKER, STATUS UNKNOWN

"Talk to your health care provider or smoking cessation program about ways that you can quit using tobacco."

"Your smoking cessation program's phone number is [phone number]"

"For additional support, call your tobacco quit line at [phone number]"

The reminder "Don't forget to update the Tobacco Help Line and phone # for the tobacco cessation program in the PWH site parameters" displays when you add this component. Go to the "Update Default PWH for a Site" to enter the information. If no number is entered, the last two lines do not display.

1.6   Medications (Active Only) Component

This component displays active medications based on the following logic:

- The pharmacy patient file, prescription profile multiple is scanned beginning 365 days prior to the date the handout is run. This scan will gather up all prescriptions filled and filed into the IHS Pharmacy System. Each prescription is reviewed as follows:

    - Prescriptions with the status of 0 – Active, 2 – Refill, 3- Hold and 5 – Suspended are included on the PWH.

    - The Status on the prescription is checked. The prescription is skipped and does not display on the PWH if the status is any of the following:

        - 1   NON-VERIFIED
        - 4   DRUG INTERACTIONS
        - 10 DONE
        - 11 EXPIRED
        - 12 DISCONTINUED
        - 13 DELETED
        - 14 DISCONTINUED BY PROVIDER
        - 15 DISCONTINUED (EDIT)
        - 16 PROVIDER HOLD

- The prescriptions are tabled by Drug Name and date last dispensed. Only the last one is kept and displayed.

- Outside Medication entered into PCC are now retrieved and displayed. The V Medication file is reviewed for the past 365 days. The V Medications that meet the following criteria are kept for display:

    - The V Medication must be attached to an Event Visit.
    - The V Medication must NOT be discontinued.
    - Only the latest of each Drug is displayed on the PWH.

- NVA Outside medications. The Non-VA Medications multiple in the Pharmacy Patient file is reviewed. The NVA meds that meet the following criteria are displayed:

  - The field "discontinued date" is blank (null).

The three sets of medications described above are displayed in alphabetical order by Drug Name.

```
MEDICATIONS - This is a list of medications and other items you are
taking including non-prescription medications, herbal, dietary, and
traditional supplements.  Please let us know if this list is not
complete.  If you have other medications at home or are not sure if
you should be taking them, call your health care provider to be safe.

1.    ACETAMINOPHEN/BUTALBITAL/CAFFEINE
      Directions: BY MOUTH EVERY 4 HOURS IF NEEDED
```

Figure 1-5: Active Medications Example

1.7 Medications (Active and Recently Expired) Component

Active Medications are displayed following the logic in Section 1.7.

- The following prescriptions with a status of 11 – EXPIRED are displayed under the heading "Your Prescription for these medications has expired."

  - The prescription expired in the past 120 days.

- Prescriptions marked as chronic or acute do not display.

```
MEDICATIONS - This is a list of medications and other items you are
taking including non-prescription medications, herbal, dietary, and
traditional supplements.  Please let us know if this list is not
complete.  If you have other medications at home or are not sure if
you should be taking them, call your health care provider to be safe.

1.    LAMIVUDINE 150MG TAB                    Rx#: 3498659  Refills left: 0
      Directions: TAKE ONE (1) TABLET BY MOUTH 2 TIMES A DAY  AS DIRECTED


==========
Your prescription for these medications has expired.  You need to talk
with your prescriber to get a new prescription for these medications.

39    TEMAZEPAM 15MG CAP                      Rx#: 3498583  Refills left: 5
      Directions: TAKE ONE (1) CAPSULE BY MOUTH AT BEDTIME FOR SLEEP **MAY
                  CAUSE  DROWSINESS** *AVOID ALCOHOL*
      Last date filled: Jan 26, 2011     Expired on: Jul 29, 2011
```

Figure 1-6: Medications Active and Expired Example

1.8   Blood Pressure Component

The logic and display for the Blood Pressure component differs depending on the age of the patient.

> **Note**:   This component will not display for any patient under 3 years old.

1.8.1   Patients 18 and Older

The following standard text displays:

"BLOOD PRESSURE - Blood Pressure is a good measure of health."

- The system retrieves the most recent BP value from the V Measurement file that was NOT on an ER (clinic 30) visit.

If there no BP found (no BP documented ever) the system displays:

"You should have your blood pressure checked at your next visit."

- If a BP was found and it was taken over 365 days ago (more than 1 year old) the system displays:

"BLOOD PRESSURE - Blood Pressure is a good measure of health.

Your blood pressure was 120/80 on Jul 06, 2010.

You should have your blood pressure checked every year or more often.

Ask your provider to check your blood pressure at your next visit."

- If a BP was found and it was taken less than 365 days ago (in the past year) the system displays:

    "BLOOD PRESSURE - Blood Pressure is a good measure of health.

    Your blood pressure was 120/80 on Jul 06, 2010."

- The system checks to see if the patient has Diabetes. The logic used to determine diabetes is:

    - Diabetes (using the Surveillance Diabetes Taxonomy) is an Active problem on the patient's problem list.
    - The Patient has an iCare tag of "Diabetes", "A" or "P"
    - The patient meets the site defined health summary criteria for displaying the Diabetes supplement. The default for this is 1 visit with a diabetes diagnosis in the past year. A site can modify these criteria and if they do those criteria is used.

- The system checks to see if the patient has Chronic Kidney Disease (CKD). The logic used to determine Chronic Kidney Disease is:

    - Any diagnosis in the APCH CKD DXS taxonomy in the past year.

- Diabetes (using the APCH CKD DXS Taxonomy) is an Active problem on the patient's problem list.

- Urine protein

    • UPCR is greater than (>) 200 mg/g (or >0.2 g/g)

    • 24 hour urine total protein greater than (>) 300 mg/day

- A/C ratio (UACR test) is greater than (>) 30mg/g on at least 2 occasions

- The patient's last Estimated GFR is less than (<) 60

• If the patient does NOT have Diabetes and does NOT have CKD and the last recorded diastolic was greater than (>) 89 OR the last systolic greater than (>) 139, the system displays the following message:

"Your last blood pressure was too high. Eating healthy foods, cutting back on salt, and more physical activity can help lower blood pressure. If you take medicine to lower your blood pressure, be sure to take it every day."

• If the patient does NOT have Diabetes and does NOT have CKD and the last recorded diastolic did not meet the criteria above the system displays the following message:

"Your blood pressure is good! It is very important to have your blood pressure checked often."

• If the patient is Diabetic or has CKD AND the last recorded diastolic was greater than (>) 79 OR the last systolic was greater than (>) 129, the system displays the following message:

"Your last blood pressure was too high. Eating healthy foods, cutting back on salt, and more physical activity can help lower blood pressure. If you take medicine to lower your blood pressure, be sure to take it every day."

• If the patient is Diabetic or has CKD AND the last recorded diastolic did not meet the above listed criteria, the system displays the following message:

"Your blood pressure is good! It is very important to have your blood pressure checked often."

1.8.2   Patients 3-17 Years of Age (Pediatric BP)

The following standard text is displayed:

"BLOOD PRESSURE - Blood Pressure is a good measure of health."

• The system retrieves the most recent BP value from the V Measurement file that was NOT on an ER (clinic 30) visit.

• The system retrieves the last BP measurement on file in V MEASUREMENT.

- If there is no BP on file (BP is not available) the system displays the following:

    – For ages less than (<)13:

    "No recent blood pressure on file. We recommend that you have your child's blood pressure checked at your next visit."

    – For ages 13-17:

    "No recent blood pressure on file. We recommend that you have your blood pressure checked at your next visit."

- If blood pressure data IS available, then the system displays the following message for age 0 to 12 years:

    "Your child's last blood pressure was [measure] over [measure] on [MMM DD, YYYY]."

- If blood pressure data IS available, then the system displays the following message for age 13 to 17 years:

    "Your last blood pressure was [measure] over [measure] on [MMM DD, YYYY]."

1.9   Recent BP History (All Ages) Component

The system retrieves the three most recent BP values from V Measurement.

- The system displays:

    "Here are your [if over 12 years of age] your child's [if under 13 years of age] most recent blood pressures."

- The system will display that patients last 3 most recent blood pressure values and the dates the values were recorded.

1.10   Diabetes Screening Component

- This component will NOT display for patients less than 10 years of age.

- This component will NOT display if the patient has diabetes.

- Age greater than (>)12 years : This component displays if the patient is classified as overweight or obese and no blood glucose recorded in the past 2 years.

- Age is 10 - 12 years: The component displays if the patient is classified as overweight or obese, and no blood glucose in past 2 years

1.10.1   Text Display

Age 10-12 years:

- If blood glucose data IS NOT available in the past two years, the system displays the following message:

  "It is important to have your child's blood sugar checked every two years. We recommend that you get it checked more often if your child is urinating often, always feels hungry, or is always thirsty. We suggest that you have your child's blood sugar checked at your next visit."

- If blood glucose data IS available within the past 2 years, then the system displays the following message:

  "It is important to have your child's blood sugar checked every two years. We recommend that you get it checked more often if your child is urinating often, always feels hungry, or is always thirsty."

  "Your child's last blood sugar was [measure] on [MMM DD, YYYY]."

Age >12 years:

- If blood glucose data IS NOT available in the past two years, the system displays the following message:

  "It is important to have your blood sugar checked every two years. We recommend that you get it checked more often if you have to urinate often, always feel hungry, or are always thirsty."

- If blood glucose data IS available within the past two years, then the system displays the following message:

  "It is important to have your blood sugar checked every two years. We recommend that you get it checked more often if you have to urinate often, always feel hungry, or are always thirsty."

1.10.2   Glucose Logic

The patient's last glucose value is obtained from the V LAB file using the DM AUDIT GLUCOSE TESTS TAX lab taxonomy.

1.10.3   Diabetes Logic

The system uses the following logic to determine if a patient is diabetic.

- Diabetes (using the Surveillance Diabetes Taxonomy) is an Active problem on the patient's problem list.

- The Patient has an iCare tag of "Diabetes"

- The patient meets the site defined health summary criteria for displaying the Diabetes supplement. The default for this is 1 visit with a diabetes diagnosis in the past year. A site can modify the criteria; if they do, the new criteria are used.

1.10.4 BMI Logic

This component will ONLY display if the patient is considered overweight or obese based on the following criteria:

- The BMI value is used to determine if the patient is overweight or obese using the NHANES II values in the PCC MAN REPORTS BMI STND REF table.

- The system finds the last recorded weight and height. For ages 18 and under, a height and weight must be taken on the same day in the past year. For ages 19 through 49, height and weight must be recorded within the last 5 years, not required to be on the same day. For ages 50 and older, height and weight must be recorded within the last 2 years, not required to be on the same day. The system does not use weights taken on visits with pregnancy diagnosis.

- if a BMI cannot be calculated (for example, no height is available) this component will NOT display.

1.11 HIV Screening Component

This component does NOT display if the patient meets the following criteria:

- Age is less than 13 years or greater than 64 years

- The patient has had an HIV screening in the past 5 years.

1.11.1 HIV Logic

The system uses the following logic to determine if an HIV test is recorded for a patient in the past 5 years.

- Any CPT in V CPT that is contained in the BGP CPT HIV TESTS taxonomy.

- HIV Test in V Lab using the BGP HIV TEST TAX and the BGP HIV TEST LOINC CODES taxonomy.

1.11.2 Text Display

- If no HIV test is recorded for the patient, the following text displays:

  "HIV is a virus that causes a serious infection. HIV infection can cause sickness and death. A person can have HIV for many years and not know it. Everyone should be tested for HIV when they are between 13 and 64 years old. According to our records, you have not had an HIV test. Ask your provider about how you can get an HIV test."

1.12   Allergies Component

If the user selects this component to be displayed on the Wellness handout they will be asked whether to include allergies from the Problem List, allergies from the Allergy Tracking system or both. The Adult Regular and Medication Reconciliation handouts display both.

Note: Allergies inactivated through the ART system do not display.

1.12.1   Text Display

The following standard text displays:

"It is important to know what allergies and side affects you have to medicines or foods."

- If no allergy data is available, the system displays the following message:

  "No allergies on file. Please tell us if there are any that we missed."

- If allergy data IS available, the system displays the following message:

  "Below is a list of allergies that we know of. Please tell us if there are any that we missed."

1.12.2   Logic

The system then gathers allergies from the problem list using the same code set the health summary uses. If the ICD9 code associated with the problem is one of the following then it is assumed to be an allergy: 629.3, 693.0, 995.0, 995.2, 999.4-999.89, V14.*, 692.5, 693.1, V15.*, 692.*, (minus 692.9), 693.8, 693.9, 989.5, 989.82, 995.3, 995.2*, or 799.9 or V82.9 with a narrative that contains the phrases NO KNOWN ALLERG, NKA, NKDA or NO KNOWN DRUG ALLERG. It then gathers all allergies from the Allergy tracking system using the same logic the health summary uses.

1.13   Problem List Component

1.13.1   Logic

The system retrieves all problems from the patient's problem list that have a status of Active. If the patient does not have any active problems on their problem list this component will not display.

1.13.2   Text

- The following standard text displays:

  "Your Health Problems (Problem List)"

  "A problem list is a listing of all of the medical conditions that you have that don't go away quickly."

- The following items display:
    - ICD diagnosis code
    - Provider narrative
    - Notes
    - Date of Onset

1.14   Family History Component

This component displays if the patient has at least one entry in the family history file.

1.14.1   Text

The following standard test displays:

"Family health history is the gathering of information about you and your family. Knowing about your family's health history is important to staying healthy."

"You can use the online Family Health History tool to make a family health history by going to: http://www.familyhistory.hhs.gov."

- The following items display:
    - Family Relationship
    - Status
    - Disease State
    - Date of Onset

1.15   Procedures Component

1.15.1 Logic

The system looks at only major procedures. The patient must have at least one entry in the procedure file, excluding labs and administrative codes. Both V Procedure and V CPT files are reviewed.

1.15.2 Text

- The following text displays:

  "Procedures are things that you have done to improve your health. Some examples of a procedure are any kind of surgery or putting a cast on a broken leg. If you think you have had a procedure or surgery that is not on this list, please tell your health care provider."

- The following items display;

  – Procedure
  – Narrative
  – Date of Procedure

1.16   Appointments Component

If a patient has at least one appointment pending in the scheduling package the following text displays:

- Ages greater than (>) 12 years:

  "APPOINTMENTS - You are scheduled to come back for another appointment. Please call us at [hospital phone number] if you have any questions or need to reschedule an appointment."

- Ages less than (<) 12 years:

  "APPOINTMENTS - Your child is scheduled to come back for another appointment. Please call us at [hospital phone number] if you have any questions or need to reschedule an appointment."

- The following data items display:

  – Date/Time
  – Clinic Name
  – Provider Name

1.17   Immunizations Received Component

1.17.1 Logic

- The system pulls data from the Immunization package Immunization Forecaster, if operational. If the Forecaster is not operational, the system reviews the V Immunization file.

1.17.2 Text

- The system displays the following message if patient immunizations are found:

  "Immunizations (shots) - Getting shots protects you from some diseases and illnesses."

  "You received the following immunization(s):"

  "[Name of Immunization] on [date administered]"

  "[Name of Immunization] on [date administered]"

- The system displays the following message if patient immunizations are not found:

  "No immunizations are on file."

1.18   Immunizations Due Component

The system pulls data from the Immunization Package Immunization Forecaster, if operational.

1.18.1 Text

- If immunizations ARE DUE the system displays:

  "IMMUNIZATIONS (shots). Getting shots protects you from some diseases and illnesses. It is time for you to get these shots:"

  "[Name of Immunization]"

- If immunizations ARE NOT DUE, the system displays:

  "IMMUNIZATIONS (shots). Getting shots protects you from some diseases and illnesses. Your immunizations are up to date."

- If the immunization forecaster is not running at the facility the following message displays:

> *"IMMUNIZATIONS (shots): Ask your doctor if you are due for any immunizations.*

1.19   Pediatric Screening Component

The Pediatric Screening Component displays only for patients under the age of 18 years. It is composed of two exam types: eye exam and dental exam.

1.19.1   Eye Exam

Eye exam data displays for patients between the ages 15 months to 18 years. The system looks for the last eye exam documented in the past year.

1.19.1.1   Logic

- Measurements VU or VC.
- ICD Procedures: 95.09, 95.05
- V CPT: 99172, 99173
- V POV: V72.0

1.19.1.2   Text

- The following standard text is displayed if an eye exam is documented in the last year:

  "Your child's last vision test was performed on [MMM DD, YYYY]."

- The following standard text is displayed if no eye exam documented in the last year:

  "We recommend that your child have an eye exam. Be sure to discuss this with your child's provider."

1.19.2   Dental Exam

Dental Exam data displays if the patient is between ages 1 and 11 years or if there are two or more POVs for diabetes recorded, between ages 12 to 18 years.

1.19.2.1   Logic

The system uses the following logic to retrieve the last dental exam;

- ADA code (V Dental) 0000
- ADA code (V Dental) 0190
- Exam code 30 – Dental Exam

- A Contract Health visit with any ADA code documented in V DENTAL.

1.19.2.2 Text

- The following standard text is displayed if there is no dental exam documented in the last year:

  "We recommend that your child have a dental checkup. Be sure to discuss this with your child's provider."

- The following standard text is displayed if a dental exam is documented in the last year:

  "Your child's last dental checkup was performed on [MMM DD, YYYY]."

1.20 Cholesterol Component

This component will not display for anyone less than (<)18 years of age.

1.20.1 Logic

The system retrieves the latest of each of the following tests:

- Total cholesterol: Searches V LAB for the last Total Cholesterol test WITH a value/result. Uses the DM AUDIT CHOLESTEROL TAX lab taxonomy and the BGP TOTAL CHOLESTEROL LOINC taxonomy.

- LDL: Searches V LAB for the last LDL test WITH a value/result. Uses the DM AUDIT LDL CHOLESTEROL TAX lab taxonomy and the BGP LDL LOINC taxonomy.

- HDL: Searches V LAB for the last HDL test WITH a value/result. Uses the DM AUDIT HDL TAX lab taxonomy and the BGP HDL LOINC taxonomy.

- Triglyceride: Searches V LAB for the last Triglyceride test WITH a value/result. Uses the DM AUDIT TRIGLYCERIDE TAX lab taxonomy and the BGP TRIGLYCERIDE LOINC codes taxonomy.

If there is an LDL value on file the system determines if a patient is diabetic by checking if the patient meets the following criteria.

- Diabetes (using the Surveillance Diabetes Taxonomy) is an Active problem on the patient's problem list.

- The Patient has an iCare tag of "Diabetes", "A" or "P"

- The patient meets the site defined health summary criteria for displaying the Diabetes supplement. The default for this is one visit with a diabetes diagnosis in the past year. A site can modify these criteria; if they do, the new criteria are used.

The system determines if the patient has cardiovascular disease (CVD) using the following logic:

- Any diagnosis in the past 365 days that is contained in the BGP AMI DXS (HEDIS) taxonomy.

- Any procedure in the past 365 days that is contained in the BGP CABG PROCS taxonomy.

- Any CPT in the past 365 days that is contained in the BGP CABG CPTS taxonomy.

- Any CPT in the past 365 days that is contained in the BGP PTCA CPTS taxonomy.

- Any diagnosis in the past 365 days that is contained in the BGP IVD DXS taxonomy.

The system finds the earliest date of all four tests. It uses that date in the following logic:

- If the patient is diabetic or has CVD and the earliest date of the four tests documented is NOT in the past year OR if the patient is not diabetic nor CVD and the earliest date of the four tests documented is NOT in the past five years the system displays the following message:

    "No recent cholesterol is on file. We recommend that you have your cholesterol rechecked at your next visit."

1.20.2   Text

- The system displays the following standard message:

    "Cholesterol"
    Controlling your cholesterol can keep your heart and blood vessels healthy."

- If no tests were found the system displays the following message:

    "No recent cholesterol is on file. We recommend that you have your cholesterol rechecked at your next visit."

- If some or all of the tests were found the system displays the test, result and date for each test. If the test value was not found, "not found on file" displays.

    "Your total cholesterol was XX on mmm dd, yyyy.
    Your last LDL (bad cholesterol) was XX on mmm dd, yyyy.
    Your last HDL (good cholesterol) was XX on mmm dd, yyyy.
    Your last triglyceride was not found on file."

- If patient is diabetic or has CVD and the LDL less than (<)100mg/dl the system displays the following message:

  "LDL (bad cholesterol) should be under 100 mg/dL. Your LDL cholesterol is good! You should have your cholesterol checked every year."

- If patient is diabetic or has CVD and the LDL greater than or equal to (≥) 100mg/dl the system displays the following message:

  "It is best when your LDL (bad cholesterol) is less than 100 mg/dL. Ask your provider about ways to lower your cholesterol."

- If patient had a triglyceride value and the triglyceride level greater than (>) 500mg/dl (regardless of disease) the system displays the following message:

  "High triglyceride levels can hurt your pancreas and cause health problems such as pain and poor digestion. Ask your provider about how you can get your triglycerides less than 500 mg/dL."

1.21   Anticoagulation Component

This component displays if the patient has a medication for Warfarin dispensed in the past 45 days. The system looks at the V Medication file and if there is any V Medication with a drug containing the name "WARFARIN" or contained in the BGP CMS WARFAIN DRUGS taxonomy this component will display.

- If the patient has a prescription for warfarin, the following will display:

  "ANTICOAGULATION THERAPY - you are taking Warfarin to prevent dangerous types of blood clots."

- They system retrieves that patient's last documented INR Target from the V Anticoagulation file.

- If there is no INR Target on file the following message displays:

  "Your INR Target is not on file. We recommend that you ask your health care provider about your INR Target at your next visit."

- If there is a goal on file the system displays:

  "Your INR target is between [MIN] and [MAX] documented on MMM DD, YYYY."

- The system retrieves the last 3 INR values documented in the past 3 years. The search is done in V LAB for any lab test in the BJPC INR LAB TESTS lab taxonomy. The system displays the following if any tests were found in the past 3 years:

- Your last 3 INR results were: [INR] on [date]

  [INR] on [date]

  [INR] on [date]

- If no INR values were found in the past 3 years the following message will
display:

  *"None Documented. We recommend that you ask your health care provider
  about your INR results."*

- The system finds the last documented V Medication for Warfarin and displays:

  *"Your most recent medication to prevent blood clots is: [warfarin, tablet
  strength, sig]"*

- The system finds all of the patients pending (future) appointments after the
current date and time (the date/time the PWH is generated). If the appointment
clinic is mapped to clinic stop code D1 – Anticoagulation Therapy the
appointment date and time is printed.

  "Your next anticoagulation appointment is on [date]."

- If no appointment is found there is no display.

1.22   Diabetes Care Component

This is the diabetes comprehensive component which includes A1c value,
Nephropathy assessment, Retinal screen, and Foot exam. If the patient is not diabetic
the component does not display.

- The system uses the following logic to determine if a patient is diabetic.

  − Diabetes (using the Surveillance Diabetes Taxonomy) is an Active problem on
    the patient's problem list.
  − The Patient has an iCare tag of "Diabetes"
  − The patient meets the site defined health summary criteria for displaying the
    Diabetes supplement. The default for this is one visit with a diabetes diagnosis
    in the past year. A site can modify the criteria; if they do, the new criteria are
    used.

1.22.1   Hemoglobin A1c

The system retrieves the last Hemoglobin A1c test on file that has a result/value. V
LAB is searched using the DM AUDIT HGB A1C TAX lab taxonomy and the BGP
HGBA1C LOINC CODES   taxonomy.

- The system displays the following message:

  "Hemoglobin A1c
  *Hemoglobin A1c is a test that measures your blood sugar control over a 3-month
  period. We recommend that you have this test done every 3-6 months."*

- If a test was found the system displays the following message:

  "Your last A1c test on file was [value] done on [DATE]."

- If test was not found or if last A1c > 1 year ago, the system displays the following message:

  "We recommend that you have your A1c tested. Ask your health care provider to order an A1c test for you."

- If A1c done in last year and A1c is less than 7%, the system displays the following message:

  "An A1c value that is less than 7% shows great blood sugar control. You are doing great!"

- If A1c done in last year and A1c is between 7-9%, the system displays the following message:

  "Ask your health care provider how you can keep lowering your A1c."

- If A1c done in last year and A1c is greater than 9%, the system displays the following message:

  "Your A1c is too high. Ask your health care provider about ways to lower your A1c."

1.22.2   Diabetes Kidney Assessment

The system displays the following message:

"Diabetes Kidney Assessment
Diabetes can cause kidney damage. There are tests that can see how well your kidneys are working. Getting these tests at least once a year can help your health care provider protect your kidneys and lower your risk of getting kidney damage and dialysis."

- The system retrieves the latest kidney test done in the past year (365 days). The last kidney test is defined as the last V LAB found that is contained in any of the following three lab and three Loinc code taxonomies:

  - DM AUDIT A/C RATIO TAX
  - DM AUDIT A/C RATIO LOINC
  - DM AUDIT P/C RATIO TAX
  - DM AUDIT P/C RATIO LOINC
  - BGP QUANT URINE PROT LOINC
  - BGP QUANT URINE PROTEIN

- If patient had no kidney lab test in the past year the system displays the following message:

  "We recommend that you have your kidneys tested to see how well they are working every year. Ask your health care provider to order a kidney function test for you."

- If patient had a kidney lab test in the past year the system displays the following message:

    "Your kidneys were tested on [DATE]. We recommend that you have your kidneys tested again on [1 year (365 days) from date]."

1.22.3 Diabetes Eye Exam

The system displays the following message:

"DIABETES EYE EXAM
Diabetes can affect your eyes and vision. Early detection of eye problems can help you to get the treatment you need to lower your chances of having problems such as blurred vision or blindness."

- The system retrieves the last eye exam done in the past year (365 days) by using the following logic.

    - V Exam – Exam code 03, DIABETIC EYE EXAM
    - V POV – Diagnosis V72.0
    - V Procedure – 95.02
    - V CPT – taxonomies: BGP DM RETINAL EXAM CPTS or BGP DM EYE EXAM CPTS
    - Any visit that does not have a DNKA narrative to an Optometrist or Ophthalmologist (provider class codes: 24, 79, 08)

        Any visit to an Optometry or Ophthalmology Clinic (clinic codes: 17, 18, 64 or A2) in the past year.

- If the patient did not have an eye exam the system displays the following message:

    "We recommend that you have at least one diabetes eye exam every year. Ask your healthcare provider to order a diabetes eye exam for you."

- If the patient did have an eye exam in the past year the system displays the following message:

    "Your last diabetes eye exam was done on [DATE]. We recommend that you have another eye exam by [1 year (365 days) from DATE]."

1.22.4   Diabetes Foot Exam

The system displays the following standard message:

"DIABETES FOOT EXAM
Diabetes can make your feet hurt or have no feeling. Having a diabetes foot exam
every year can help keep your feet healthy."

- The system retrieves the last diabetic foot exam in the past year (365 days) using the following logic:

  - V EXAM – exam code 28 – Diabetic Foot Exam
  - Any visit to a podiatrist (provider code 28 or 33 or 25 or 84)
  - Any visit to podiatry clinic (clinic code 65)

- If the patient did not have a diabetes foot exam the system displays the following message:

  "We recommend that you have at least one diabetes foot exam every year. Ask
  your health care provider to order a diabetes foot exam for you."

- If the patient did have a diabetes foot exam in the past year the system displays the following message:

  "Your last diabetes foot exam was done on [DATE]. We recommend that you
  have another foot exam by [1 year (365 days) from DATE]."

1.23   Cancer Screening Component

1.23.1   Mammogram

This item displays if the patient is female and between the age of 50 and 69 years.

- The system retrieves the last mammogram on file using the following logic:

  - V Radiology with CPT in BGP CPT MAMMOGRAM taxonomy
  - Diagnosis - V POV V76.11, V76.12
  - Procedures: 87.36, 87.37
  - V CPT: BGP CPT MAMMOGRAM taxonomy
  - Women's Health Procedures: MAMMOGRAM SCREENING, MAMMOGRAM DX UNILAT, MAMMOGRAM DX BILAT

- If no mammogram was found the system displays the following message:

  "No mammogram on file. It is recommended that you receive a mammogram
  every year. Ask your health care provider to order a mammogram for you."

- The system determines how "old" the mammogram is in days. (today's date-the date of the mammogram). If a Mammogram was recorded in the past year, the system displays the following message:

"Your last mammogram was on [DATE]. Your next mammogram will be due on [DATE – 1 year from now]."

- If a Mammogram was found and it was not in the past year, the system displays the following message:

"Your last mammogram was on [DATE]. We recommend that you receive a mammogram every year. Ask your health care provider to order a mammogram for you."

1.23.2   Pap Smear

This item displays if the patient is female and over 18 years of age.

- This item does not display for women with a history of hysterectomy. Hysterectomy is defined as:

    – V Procedure: 68.3, 68.4, 68.5, 68.6, 68.7, 68.9
    – V CPT: taxonomy BGP HYSTERECTOMY CPTS
    – V POV: 618.5
    – Women's health procedure: HYSTERECTOMY

- The system retrieves the last documented PAP Smear. Logic for Pap Smear:

    – V Lab "PAP SMEAR" or in BGP PAP SMEAR TAX taxonomy
    – Diagnosis - in BGP PAP SMEAR DXS taxonomy
    – Procedures: 91.46
    – V CPT: BGP CPT PAP taxonomy
    – Women's Health Procedures: PAP SMEAR

- If no Pap Smear was found the system displays the following message:

"No PAP Smear on file. We recommend that you get a PAP Smear every 3 years. Ask your health care provider to order a PAP Smear for you."

- If a Pap Smear is found, the system determines how "old" the pap smear is in day (today's date-the date of the pap smear). If the pap smear was performed in the past 3 years (3*365 days), the system displays the following message:

"Your last Pap Smear was on [DATE]. Your next Pap Smear will be due on [DATE – 3 years from now]."

- If a Pap Smear is found and it was not performed in the past 3 years, the system displays the following message:

"Your last PAP smear was on [DATE]. We recommend that you get a PAP smear every 3 years. Ask your health care provider to order a PAP smear for you."

1.23.3   Colon Cancer

This item displays if the patient is greater than or equal to 50 years of age.

- The system checks the patient's history of colorectal cancer and does not display data if the following exist for the patient.

    − Problem List diagnosis in BGP COLORECTAL CANCER DXS taxonomy

    − Any diagnosis ever in BGP COLORECTAL CANCER DXS in V POV.

    − Any CPT ever in either BGP COLORECTAL CANCER CPTS or BGP TOTAL CHOLECTOMY CPTS taxonomies in V CPT.

    − Any procedure ever in BGP TOTAL CHOLECTOMY PROCS in V Procedure.

- The system retrieves the last colonoscopy in the past 10 years. Colonoscopy is defined as:

    − V Procedure: 45.43, 45.22, 45.23, 45.25

    − V CPT : BGP COLO CPTS taxonomy

- The system retrieves the last barium enema in the past 10 years. Barium Enema is defined as:

    − V Radiology [BGP BE CPTS]

    − V CPT [BGP BE CPTS]

    − PROCEDURE 87.64

- The system retrieves the last sigmoidoscopy in the past 5 years. Sigmoidoscopy is defined as:

    − V Procedure: 45.24, 45.42

    − V CPT : BGP SIG CPTS taxonomy

- The system retrieves the last Fecal Occult Blood test in the past year.   FOBT is defined as:

    − V Lab: BGP GPRA FOB TESTS, BGP FOBT LOINC CODES

    − V CPT: BGP FOBT CPTS

- If none of the above 4 items are found in the appropriate time frame the following message displays:

    "It is recommended that all people who are 50 years and older be screened for colon cancer. Ask your health care provider to order a colon cancer screening for you."

- If at least one of the above 4 items was found in the appropriate time frame the system determines which of the 4 (if there are more than 1) has the greatest next due date. (e.g. if FOBT is due 1/1/09, colonoscopy is due 1/1/2011, it uses 1/1/2011) and displays the following message:

"You are up to date for colon cancer screening. Your next colon cancer screening will be due on [1 year from last FOBT or 5 years from last sigmoidoscopy, or 10 years from last documented colonoscopy or barium enema]."

1.24 Recent Lab Results

- The system checks the V LAB file for lab tests with results recorded in the past 100 days. If a patient's resulted lab tests are found the following displays:

"RECENT LAB RESULTS

You recently had some lab work done. Be sure to talk with your health care provider about these results and ask what they mean. Your healthcare provider will answer any questions that you may have.

[Laboratory Test]   [Result]   [Reference Range]   [Date]"

- If the patient has labs with pending results in the V LAB file the following displays:

"Lab tests can help measure health and some check to make sure that your treatments are working. The following lab tests have been ordered by your health care provider. We recommend that you go to the lab to have them done.

[Laboratory Test] [Date Ordered]"

1.25 Patient Goals Component

The system retrieves data from the V Patient Ed file and the Patient Goals file for this component.

- Patient Education: The system looks for any education topic entered into V Patient Education that has the GOAL COMMENT field populated. The system displays the component title,   the topic and goal comment for each topic found.

```
My Healthcare Goals
DIABETES MELLITUS-Nutrition
Goal: EAT HEALTHY MEALS
```

Figure 1-7: Patient Education Example

- Patient Goals: The system looks for goals documented in the Patient Goals file and displays them based on the following criteria:

  – The Goal Setting is equal to Goal Set

- The Goal Status is not MET
- The Goal Status is not DELETED
- The Goal Status is not STOPPED
- The Goal Status is not INACTIVE

The system displays the Goal Name, Goal Start Date, Goal Follow up Date, Goal Type, Step # and Description, Step Start Date and Step Follow-up Date.

```
Goal Name: LOSE WEIGHT
 Start: Nov 21, 2011   Follow up: Dec 16, 2011
  Type: NUTRITION
 Step#1:  CUT OUT SUGAR
  Start: Nov 16, 2011   Follow up: Dec 16, 2011
 Step#2:  EXERCISE 2CE WEEKLY
  Start: Nov 26, 2011   Follow up: Dec 26, 2011
```

Figure 1-8: Patient Goal Example

1.26   Activity Level Component

The system retrieves the last documented health factor in the Activity Level category.

The component does not display if the physical activity health factor is blank.

- If physical activity health factor is "Very Active," the following text displays:

  "Your level of physical activity is outstanding! You are working hard and it shows. Keep up the good work and stay on track."

- If physical activity health factor is "Active," the following text displays:

  "Your level of physical activity is excellent! Increasing your physical activity level to 60 minutes each day (about 300 minutes each week) helps you get even more health benefits."

- If physical activity health factor is "Some Activity," the following text displays:

  "Increasing your physical activity to 30 minutes each day (about 150 minutes each week) helps you gain even more health benefits. Now you are on the way to losing weight and better health."

- If physical activity health factor is "Inactive," the following text displays:

  "Increasing your physical activity to 10 minutes each day helps you get more energy, lowers stress, and helps to improve your strength. Being active will help you feel better."

1.27   As Me Three Questions Component

This component displays a hard-coded message:

"Every time you talk with a doctor, nurse, pharmacist, or other health care worker, use the Ask Me three questions to better understand your health. Make sure you know the answer to these three questions:

1. What is my main problem?

2. What do I need to do?

3. Why is it important for me to do this?"

1.28   Intake Forms

This component is designed to be printed prior to the patient's appointment and filled out by the patient or if the patient is a child, by the parent/guardian. This information could be included in its own PWH that is generated by patient registration.

The three intake forms that can be selected and printed on the Patient Wellness Handout are:

- The Big Five
- Age Related Intake Form
- Pregnancy Intake Form

The user can choose to include one, two, or all three on their handout.

1.28.1   The Big Five

The patient must be under the age of 21 in order for this form to display on the handout. The following age dependent text displays.

1.28.1.1   Under 16 years of Age

Please answer the following questions that are related to your child's health.

Your answers will help your provider give your child the best health care.

"The Big Five"-Scoring Worksheet

Some habits contribute more than others to excess weight. Complete this brief scoring sheet on behalf of your child. Keep in mind that all children should have good nutrition and physical activity habits, regardless of whether they are overweight.

1. Sweetened beverages

Sweetened beverages include fruit juices (whole juice or from concentrate), fruit drinks and punches, regular-calorie soft drinks, sports drinks (e.g., Gatorade), energy drinks, regular sweetened iced tea and chocolate or other flavored milk. One serving of a sweetened beverage is 12 oz.

How many servings of sweetened beverage does your child consume in a typical day? (Round up any half servings to the next whole number of servings.)

A. One or no servings = 0

B. Two servings = 5

C. Three servings = 10

D. Four servings = 15

E. Five or more servings = 20

Record your child's score here: _____

2. Fast food (excluding sweetened beverages)

Traditional fast food (e.g., burgers [with any type of meat], hot dogs, french fries, chicken nuggets, onion rings)

In a typical week, how often does your child eat traditional fast food?

A. One time or less = 0

B. Two times = 5

C. Three times = 10

D. Four times = 15

E. Five or more times = 20

Record your child's score here: _____

3. Family meals

Eating supper or dinner while being supervised by at least one parent is protective against obesity.

How often does your child eat supper or dinner with at least one parent during a typical week?

A. One time or less = 20

B. Two or three times = 10

C. Four or five times = 5

D. Six or seven times = 0

Record your child's score here: _____

4. Media time

    Media time is defined as the amount of time your child spends watching television, using a computer (apart from homework), playing video games, or listening to a music device while sitting or lying still.

    In a typical day, how much total media time does your child have?

    A. Less than one hour = 0

    B. One to two hours = 5

    C. Two to three hours = 10

    D. Three to four hours = 15

    E. More than four hours = 20

    Record your child's score here: _____

5. Habitual physical activity

    Regular physical activity is protective against obesity. This can include most sports as long as your child is out of breath at least once while playing. It can also include walking, riding a bike, skateboarding, etc., regardless of whether your child is out of breath. Gym class does not count.

    In a typical week, on how many days does your child participate in physical activity (sports to the point of being out of breath) or walking, riding a bike, etc., for at least 30 minutes total per day?

    A. Zero or one day = 20

    B. Two or three days = 10

    C. Four or five days = 5

    D. Six or seven days = 0

    Record your child's score here:_____

Total score: _____

To calculate your child's total score, add up the scores above, and then subtract that number from 100. For example, if the sum of the scores above is 60, your child's score would be: 100-60=40.

Scoring guide:

80 to 100 points. Excellent. Although there is always room for improvement, it's obvious that your child is practicing habits that will help him or her achieve or maintain a healthy weight.

60 to 80 points. Good. Your child has many good habits, but there is still significant room for improvement.

40 to 60 points. Fair. To achieve or maintain a healthy weight, there are many healthy behaviors your child needs to adopt.

Less than 40 points. Poor. Your child is at high risk of becoming obese or remaining obese. You should speak to your health care provider about helping your child achieve a healthy weight.

1.28.1.2 16 to 21 Years of Age

Please answer the following questions that are related to your health. Your answers will help your provider give you the best health care.

"The Big Five"-Scoring Worksheet

Some habits contribute more than others to excess weight. Complete this brief scoring sheet. Keep in mind that you should have good nutrition and physical activity habits.

1. Sweetened beverages

    Sweetened beverages include fruit juices (whole juice or fromconcentrate), fruit drinks and punches, regular-calorie soft drinkssports drinks (e.g., Gatorade), energy drinks, regular sweetened iced tea, and chocolate or other flavored milk. One serving of a sweetened beverage is 12 oz.

    How many servings of sweetened beverage do you consume in a typical day? (Round up any half servings to the next whole number of servings.)

    A. One or no servings = 0

    B. Two servings = 5

    C. Three servings = 10

    D. Four servings = 15

E. Five or more servings = 20

Record your score here:_____

2. Fast food (excluding sweetened beverages) Traditional fast food (e.g., burgers [with any type of meat], hot dogs, french fries, chicken nuggets, onion rings).

   In a typical week, how often do you eat traditional fast food?

   A. One time or less = 0

   B. Two times = 5

   C. Three times = 10

   D. Four times = 15

   E. Five or more times = 20

   Record your score here:_____

3. Family meals

   How often does you eat supper or dinner with at least one parent during a typical week?

   A. One time or less = 20

   B. Two or three times = 10

   C. Four or five times = 5

   D. Six or seven times = 0

   Record your score here:_____

4. Media time

   Media time is defined as the amount of time you spend watching television, using a computer (apart from homework), playing video games, or listening to a music device while sitting or lying still.

   In a typical day, how much total media time does you have?

   A. Less than one hour = 0

   B. One to two hours = 5

   C. Two to three hours = 10

       D. Three to four hours = 15

       E. More than four hours = 20

       Record your score here:_____

5. Habitual physical activity

      Regular physical activity is protective against obesity. This can include most sports as long as you are out of breath at least once while playing. It can also include walking, riding a bike, skateboarding, etc., regardless of whether are out of breath. Gym class does not count.

      In a typical week, on how many days do you participate in physical activity (sports to the point of being out of breath) or walking, riding a bike, etc., for at least 30 minutes total per day?

      A. Zero or one day = 20

      B. Two or three days = 10

      C. Four or five days = 5

      D. Six or seven days = 0

      Record your score here:_____

Total score: _____

To calculate your total score, add up the scores above, and then subtract that number from 100. For example, if the sum of the scores above is 60, your score would be: 100-60=40

Scoring guide:

80 to 100 points. Excellent. Although there is always room for improvement, it's obvious that you are practicing habits that will help achieve or maintain a healthy weight.

60 to 80 points. Good. You have many good habits, but there is still significant room for improvement.

40 to 60 points. Fair. To achieve or maintain a healthy weight, there are many healthy behaviors you need to adopt.

Less than 40 points. Poor. You are at high risk of becoming obese or remaining obese. You should speak to your health care provider about achieving a healthy weight.

1.28.2   Age Related Intake Forms

If this form is added to the PWH, the form that prints will differ depending on the age of the patient.

1.28.2.1   0-1 year old intake form

Please answer the following questions that are related to your child's health. Your answers will help your provider give your child the best health care.

How is your child being fed? (choose one)

_ Only Breastfed   _ Only Formula

_ Mostly Breastfed   _ Mostly Formula

_ Half Breastfed and half Formula

If formula or milk what kind?   _____

How many ounces a day?   _____

How many ounces of juice a day?   _____

How many ounces of soda pop a day?   _____

Is your baby eating solid foods?

_ No   _ Baby food   _ Table food

Does your child eat anything that is not food like dirt, sand, paint chips or clay?

_ Yes _ No   _ I don't know   _ I don't think so

Does Your Child? (choose all that apply):

_ Sit by himself/herself

_ Stand by himself/herself

_ Walk by himself/herself

_ Hold a bottle

_ Hold a cup

_ Pick up stuff between his thumb and forefingers

_ Hear you across a room

_ Babble

_ Say a word you understand

_ See you across a room

_ Do you have any other children with glasses or eye problems

Do you put your child to sleep on his/her back?

_ Yes _ No

Does anyone smoke in your home?   _ Yes   _ No

Does your child?

_ Wheeze

_ Cough most days

Does anyone in your family have asthma?   _ Yes   _ No

What kind of child restraint or car seat do you use in your car?

1.28.2.2 Intake Form for 1-4 year olds

Please answer the following questions that are related to your child's health.

Your answers will help your provider give your child the best health care.

Have you noted any of the following skin conditions/problems with your Child:

_ Persistent dry skin

_ Persistent itching/scratching

_ Red, irritated skin

Do you put your child to sleep on his/her back?

_ Yes _ No

Does anyone smoke in your home?

_ Yes _ No

Has your child seen a dentist?

_ Yes _ No

Have you noticed any of the following in regard to your child?

_ Wheezing   _ Shortness of breath

_ Persistent cough   _ Exercise limited by breathing problems

1.28.2.3 Intake Form for 5-11 Years Old

Please answer the following questions that are related to your child's health.

Your answers will help your provider give your child the best health care.

Have you noticed your child having any of the following?

    _ Wheezing   _ Shortness of breath

    _ Persistent cough   _ Exercise limited by breathing problems

Have you or your child's teacher noticed that your child has?

    _ Inability to concentrate _ Restlessness

    _ Impulsiveness   _ Behavior problems at school

    _ Failure to finish tasks   _ Difficulty organizing work

Have you noted any of the following skin conditions/problems with your child:

    _ Persistent dry skin

    _ Persistent itching/scratching

    _ Red, irritated skin

Does your child use the internet?   _ Yes   _ No

Do you know about your child's Internet use (e.g. what sites he/she is visiting, what games he/she is playing, to whom he/she is talking, and how much time he/she is spending on the computer)?

    _ Yes   _ No

Do you have rules for the Internet?

    _ Yes   _ No

Have you installed an Internet filter?

    _ Yes   _ No   _ Have not heard of this before

Does anyone smoke in your home?

    _ Yes   _ No

Do you share a clear "no use" message about alcohol, tobacco, and other drugs with your child?

    _ Yes   _ No

Have you talked with your child about puberty and/or menstruation?

　　_ Yes　　　　　　_ No

Have you talked to your child about ways to avoid sexual abuse?

　　_ Yes　　　_ No

How many times a day does your child brush and floss his teeth?

　　Brushing:　　_ None _ Once _ Twice　_ More than twice

　　Flossing:　　_ None _ Once _ Twice　_ More than twice

Do you have any concerns about your child's mood or behavior (such as poor attention, hitting, temper, worries, not participating in play with others, irritability, bad mood, or low activity level)?

　　_ Yes　　　_ No

Do you have any concerns about your child starting school or your child's school performance?

　　_ Yes　　　_ No

1.28.2.4 Intake Form for 12-18 Years Old

Please answer the following questions that are related to your child's health.

Your answers will help your provider give your child the best health care.

Have you noticed your child having any of the following? (choose all that apply)

　　_ Wheezing　　　　_ Shortness of breath

　　_ Persistent cough　　_ Exercise limited by breathing problems

Have you or your child's teacher noticed that your child has? (choose all that apply)

　　_ Inability to concentrate

　　_ Impulsiveness

　　_ Failure to finish tasks

　　_ Restlessness

　　_ Behavior problems at school

　　_ Difficulty organizing work

During the past two weeks, has your child often seemed down or depressed?

　_ Yes _ No

During the past two weeks, has your child been bothered by little interest or pleasure in doing things?

　_ Yes _ No

Has your child showed any of the following behaviors since our last visit? (check all that apply):

　_ Sudden decrease in school performance

　_ Withdrawal from family activities

　_ New and concerning friends

　_ Increase in behavior problems

　_ Irritability

　_ Unpredictable mood changes

Acne is a common problem among teenagers. If your child has concerns about acne, be sure to discuss this topic with your child's provider.

Your child could also have other skin conditions.

Have you noted any of the following:

　_ Persistent dry skin

　_ Persistent itching/scratching

　_ Red, irritated skin

Have you noticed your child being overly concerned with their weight or the way they look?

　_ Yes _ No

Does your child use the internet?   _ Yes   _ No

　Do you know about your child's Internet use (e.g. what sites he/she is visiting, what games he/she is playing, to whom he/she is talking, and how much time he/she is spending on the computer)?

　　_ Yes   _ No

　Do you have rules for the Internet?

　　_ Yes _ No

Have you installed an Internet filter?

 _ Yes _ No   _ Have not heard of this before

Mark the answers which best describe your child's tobacco history:

Smoking:

_ Never smoked

_ Current smoker (cigarettes or cigars)

   He/she smokes: _ Every day _ Some days

_ Recently quit smoking (has stopped using for 6 months or less)

_ Quit smoking and has not smoked for more than 6 months

_ Smokes for ceremonial purposes

Chewing tobacco (snuff, dip, spit tobacco)

_ Never chewed tobacco

_ Current chewing tobacco or snuff user

_ Recently quit chewing tobacco or snuff (has stopped using

   for 6 months or less)

_ Quit chewing tobacco and has not used tobacco for more than 6 months

Does anyone smoke in your home?

 _ Yes   _ No

How often has your child had a drink containing alcohol in the past year? Consider a drink to be a bottle of beer, a glass of wine, a wine cooler, one cocktail or a shot of hard liquor (like scotch, gin, or vodka).

 _ Never   _ Monthly or less   _ 2-4 times/month

 _ 2-3 times/week   _ 4-5 times/week   _ 6+ days/week

Do you share a clear "no use" message about alcohol, tobacco, and other drugs with your child?

 _ Yes _ No

Have you talked with your child about puberty and/or menstruation?

 _ Yes _ No

Does your child have a girlfriend or boyfriend?

_ Yes _ No

Is their relationship respectful toward each other?

_ Yes _ No

Would your adolescent feel comfortable enough to inform you whether anyone has ever attempted to force sex with him/her?

_ Yes _ No

Has your child ever been pregnant?

_ Yes _ No

Does your child or child's partner use any form of contraception?

_ Yes _ No

If yes, what type of birth control is used? (choose all that apply):

_ Condom   _ Diaphragm   _ Birth control pills

_ A shot   _ Sterilization

_ Rhythm Method _ Other

_ Does not use birth control

Does your child always wear a safety belt and bicycle or motorcycle helmet?

_ Yes _ No

Have you set any restrictions to your child's driving or biking?

_ Yes _ No

Has your child ever been threatened with a gun, knife or other physical harm, or been injured in a fight?

_ Yes _ No

Has your child bullied others?

_ Yes _ No

Has your child been suspended from school because of fighting, bullying or carrying a weapon?

_ Yes _ No

Do you know your child's friends and the activities they participate in or attend?

    _ Yes   _ No

Is your child getting to school on time?

    _ Yes   _ No

Is your child doing well in school?

    _ Yes   _ No

Is he/she completing homework assignments? How are his/her grades?

    _ Yes   _ No

Have you discussed with your child how to get home safely if he/she is with someone who has been using drugs or alcohol?

    _ Yes   _ No

1.28.2.5 Intake Form for > than 18 Years of Age

Please answer the following questions that are related to your health.

Your answers will help your provider give you the best health care.

During the past two weeks, have you felt down, depressed, or hopeless?

    _ Yes   _ No

During the past two weeks, have you felt little interest or pleasure in doing things you used to like to do?

    _ Yes   _ No

How sure are you that you can manage and control most of your health

problems?

    _ Very sure   _ Somewhat sure   _ Not very sure

    _ I do not have any health problems

On average, how many days per week do you have a drink of alcohol?

A drink is one bottle of beer, one glass of wine, one wine cooler, or one shot of hard liquor (like whiskey, scotch, gin or vodka)

    _ Never   _ 1-2 days per week   _ 3-4 days per week

    _ 5-6 days per week   _ every day

When you drink, about how many drinks do you usually have?

_ 0   _ 1   _ 2   _ 3   _ 4

_ 5   _ 6   _ 7   _ 8 or more drinks

What are the most number of drinks you have had at one time in the past month?

_ 0   _ 1   _ 2   _ 3   _ 4

_ 5   _ 6   _ 7   _ 8 or more drinks

Tobacco: Mark the answers which best describe your tobacco history.

Smoking:

_ Never smoked

_ Current smoker (cigarettes or cigars)

   I smoke: _ Every day _ Some days

_ Recently quit smoking (have stopped using for 6 months or less)

_ Quit smoking and have not smoked for more than 6 months

_ Smoke for ceremonial purposes

Chewing tobacco (snuff, dip, spit tobacco)

_ Never chewed tobacco

_ Current chewing tobacco or snuff user

_ Recently quit chewing tobacco or snuff (have stopped using
   for 6 months or less)

_ Quit chewing tobacco and have not used tobacco for more than 6 months

Does anyone smoke at your home?   _ Yes _ No

Are you exposed to tobacco smoke at work?   _ Yes _ No

Family Planning Are you planning to have a baby this week, this month, or this year?

_ Yes _ No

Do you or your partner use a form of birth control? _ Yes   _ No

    If yes, what type of birth control is used? (choose all that apply):

        _ Condom   _ Diaphragm   _ Birth control pills

        _ A shot   _ Sterilization

        _ Rhythm Method _ Other

        _ Do not use birth control

How much physical activity (exercise) do you get in a typical week?

    _ I do not exercise much

    _ about 30 minutes, one to four days per week

    _ about 30 minutes, five or more days per week

    _ about 60 minutes, five or more days per week

Please check all of the items below that describe your job:

    _ work during the day   _ work as a manager or supervisor

    _ work during nights   _ work as a staff employee

    _ mixed or split shift   _ desk job

    _ lots of lifting and physical activity at work

    _ job is associated with health and safety risks

    _ work with food   _ work with animals

    _ currently unemployed   _ retired and not working

1.28.2.6 Two Diagnoses of Diabetes Ever Intake Question

In addition to the questions above, if the patient has had at least two diagnoses of diabetes ever the following question will print at the bottom:

Do you monitor your blood sugars at home? _ yes   _ no

    If yes, how many times a day? _____

1.28.2.7 Intake Form for > 65 Years of Age

In addition to the above, if the patient is Over 65 the following additional questions will print:

Have you fallen in the past year?

　_ Yes _ No

Activities of Daily Life: (please mark each activity as appropriate)

If you have any questions on filling this form out, please discuss it with your health care provider.

Are you the   _ Patient

　　　　　　　　_ Caregiver/family member

Do you require any help with going to the bathroom?

　_ Need no help

　_ Need a little bit of help

　_ Cannot do without help

Do you require any help taking a bath or shower?

　_ Need no help

　_ Need a little bit of help

　_ Cannot do without help

Do you require any help getting dressed?

　_ Need no help

　_ Need a little bit of help

　_ Cannot do without help

Do you require any help eating?

　_ Need no help

　_ Need a little bit of help

　_ Cannot do without help

Do you require any help cooking or preparing meals?

　_ Need no help

_ Need a little bit of help

_ Cannot do without help

Do you require any help managing money or bills?

_ Need no help

_ Need a little bit of help

_ Cannot do without help

Do you require any help shopping?

_ Need no help

_ Need a little bit of help

_ Cannot do without help

Do you require any help with household chores?

_ Need no help

_ Need a little bit of help

_ Cannot do without help

Do you require any help taking your medications?

_ Need no help

_ Need a little bit of help

_ Cannot do without help

Do you require any help in getting around to places (driving, taking a bus)?

_ Need no help

_ Need a little bit of help

_ Cannot do without help

When you do these activities how hard is it?

_ Need no help

_ Need a little bit of help

_ Cannot do without help

1.28.2.8 Pregnancy Intake Form

If the patient is pregnant, defined by the Currently Pregnant field in Reproductive Factors being set to yes, the following intake form will print if it is defined in the PWH structure as an Intake form you want to print.

Please answer the following questions that are related to your health during your pregnancy (if you are not currently pregnant, you can skip these questions).

When was your last drink? Please check just one answer.

   _ Within the last week   _ Within the last year

   _ More than a year ago   _ Within the last month

   _ Never

Do you ever feel that you should cut down on your drinking?

   _ Yes   _ No

Do any friends ever tell you that you should cut down on your drinking?

   _ Yes   _ No

Does anyone in your house get drunk or use drugs?

   _ Yes   _ No

Is it a problem?

   _ Yes   _ No

When did you last get high or use drugs? _____

Have you ever been treated for problems from alcohol or drugs?

   _ Yes   How many years ago was that? _____

   _ No

Has anyone hit or physically abused you in the last year?

   _ Yes   _ No

Has anyone hit or physically abused you during this pregnancy?

   _ Yes   _ No

Have you ever been sexually abused?

   _ Yes   _ No

Has anyone (your partner or someone else) forced you to have sex during this pregnancy?

_ Yes   _ No

When you drink, how much do you usually drink?

Number of drinks just before this pregnancy: _____

Number of drinks during this pregnancy: _____

How many times per month do you drink that much?

Number of drinks just before this pregnancy: _____

Number of drinks during this pregnancy: _____

When you drink more than your usual amount, how many drinks do you have?

Number of drinks just before this pregnancy: _____

Number of drinks during this pregnancy: _____

How many times a month?

Number of drinks just before this pregnancy: _____

Number of drinks during this pregnancy: _____

How many cigarettes do you smoke in a day?

Number of cigarettes per day just before this pregnancy: _____

Number of cigarettes per day during this pregnancy: _____

Do you use Smokeless tobacco?

Just before this pregnancy: _ Yes   _ No

During this pregnancy: _ Yes   _ No

Do you huff or sniff gasoline, glue, or other substances to get high?

Just before this pregnancy: _ Yes   _ No

During this pregnancy: _ Yes   _ No

Do you use other drugs (PCP, marijuana, cocaine, heroin, speed)?

Just before this pregnancy: _ Yes   _ No

During this pregnancy: _ Yes   _ No

Do you use needles to inject drugs to get high?

Just before this pregnancy: _ Yes   _ No

During this pregnancy: _ Yes   _ No

How much alcohol can a pregnant woman drink each day?

Number of drinks: _____

When was your last menstrual period?

Month/Day/Year: _____/_____/_____

What do you think is the most important thing you can do to have a healthy baby?
_____

Contact Information

If you have any questions or comments regarding this distribution, please contact the OIT Help Desk (IHS).

Phone: (505) 248-4371 or (888) 830-7280 (toll free)

Fax: (505) 248-4363

Web: http://www.ihs.gov/GeneralWeb/HelpCenter/Helpdesk/index.cfm

Email: support@ihs.gov