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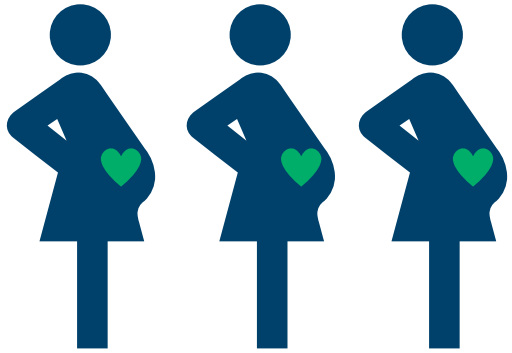
Supporting Team-Based Care with Data Tools

OB Module + Family Planning Measures in DRVS



May 2021

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Azara OB Module*

1. Module Overview
2. Prenatal Passport
3. Reporting: Summary & Detail
4. Family Planning Measures

**All data contained in this presentation is demo data.*

Module Overview

An overview of the OB module in DRVS.

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Module Overview

- The OB module offers many benefits for managing prenatal patients.
  - ✓ Pre-visit planning for prenatal patients.
  - ✓ Pre-visit planning for postnatal patients.
  - ✓ Reports to allow care teams to deliver more informed care in an efficient manner.
  - ✓ Reports to allow care teams to perform outreach and track patients by trimester to ensure patients are on track for care.

What's Included?

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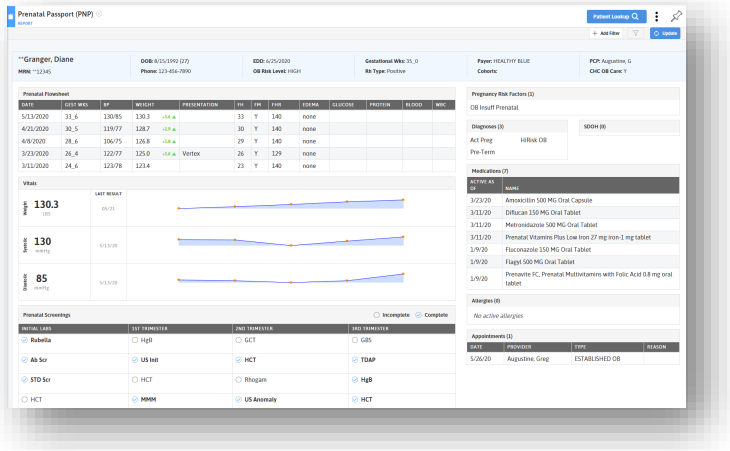
Prenatal Passport (PNP)

- Summarizes prenatal care for a single patient
- Identifies recommended screenings by trimester

Pregnancy Episode Reports

- **Summary**: Contains data identifying the start and end date of pregnancy episodes
- **Details:** Tracks key screenings



Prenatal Passport (PNP)

Pre-visit planning tool for prenatal and postnatal patients.

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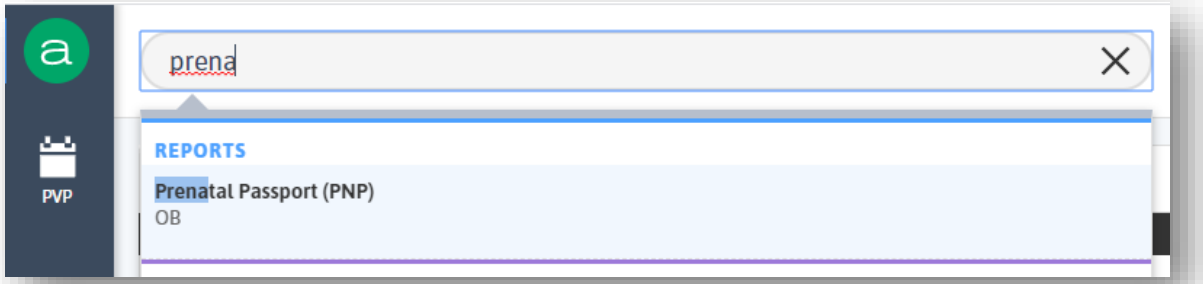
Uses for the Prenatal Passport

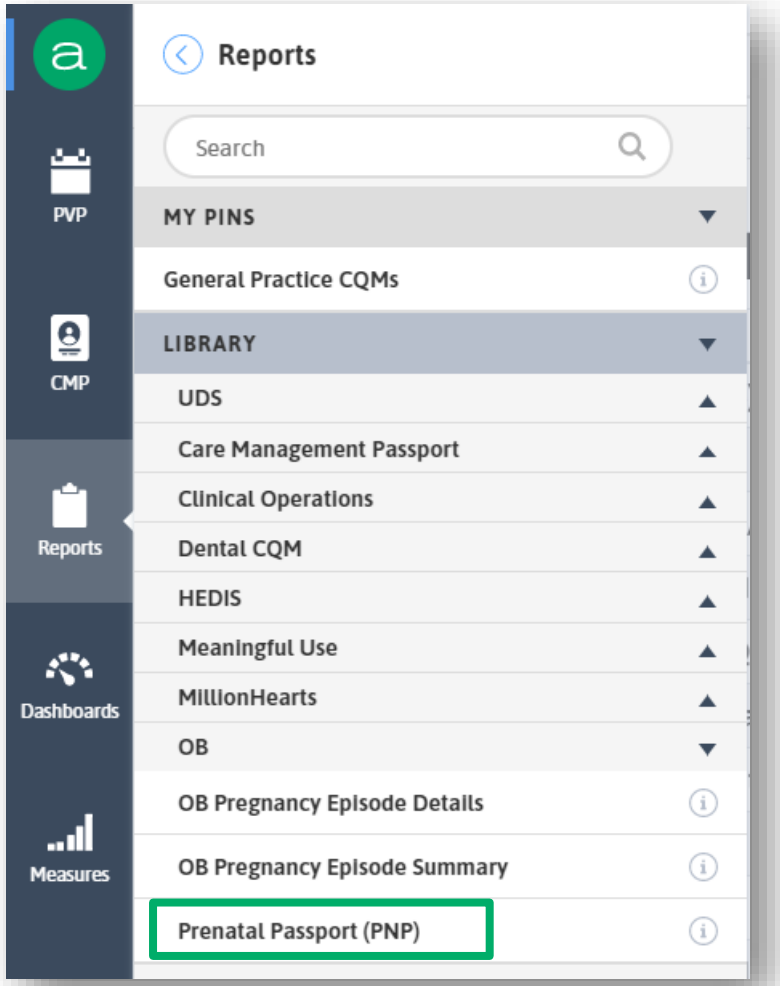
- Improve patient care by anticipating patient needs.
  - Prepare for prenatal *and* postnatal patient visits.
    - Filter the pre-visit planning report to pregnant patients or to your OB provider group.
    - Navigate from the pre-visit planning report to the prenatal passport.
  - Coordinate care in care team planning meetings or case conferences.

Navigating to the PNP

- The PNP can be accessed in three ways.
  - Global Search:

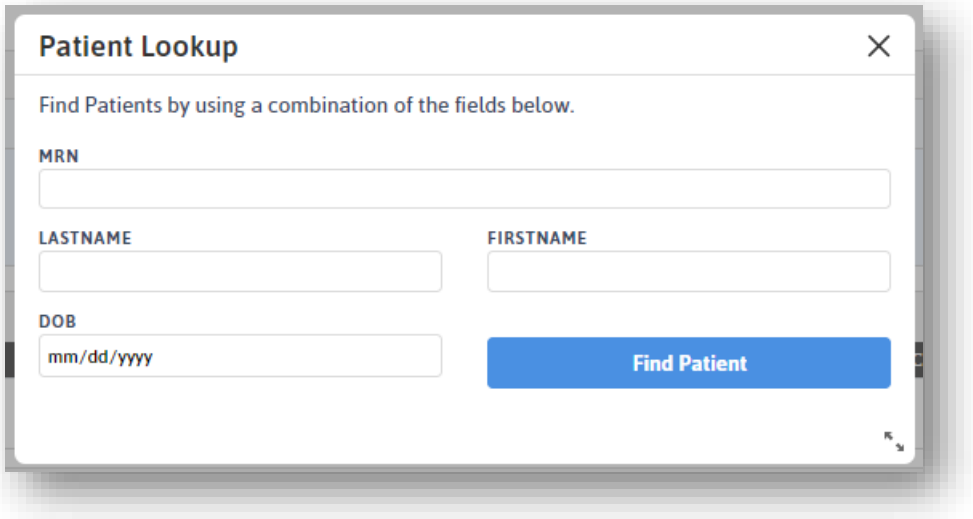


  - Reports > OB > Prenatal Passport (PNP)
  - From a pregnant patient's visit planning report



Lookup a Patient

- From the prenatal passport, you can lookup a patient by entering any of the folowing patient details in the search box:
  - MRN
  - Last Name
  - First Name
  - Date of Birth



PNP | Overview

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Header

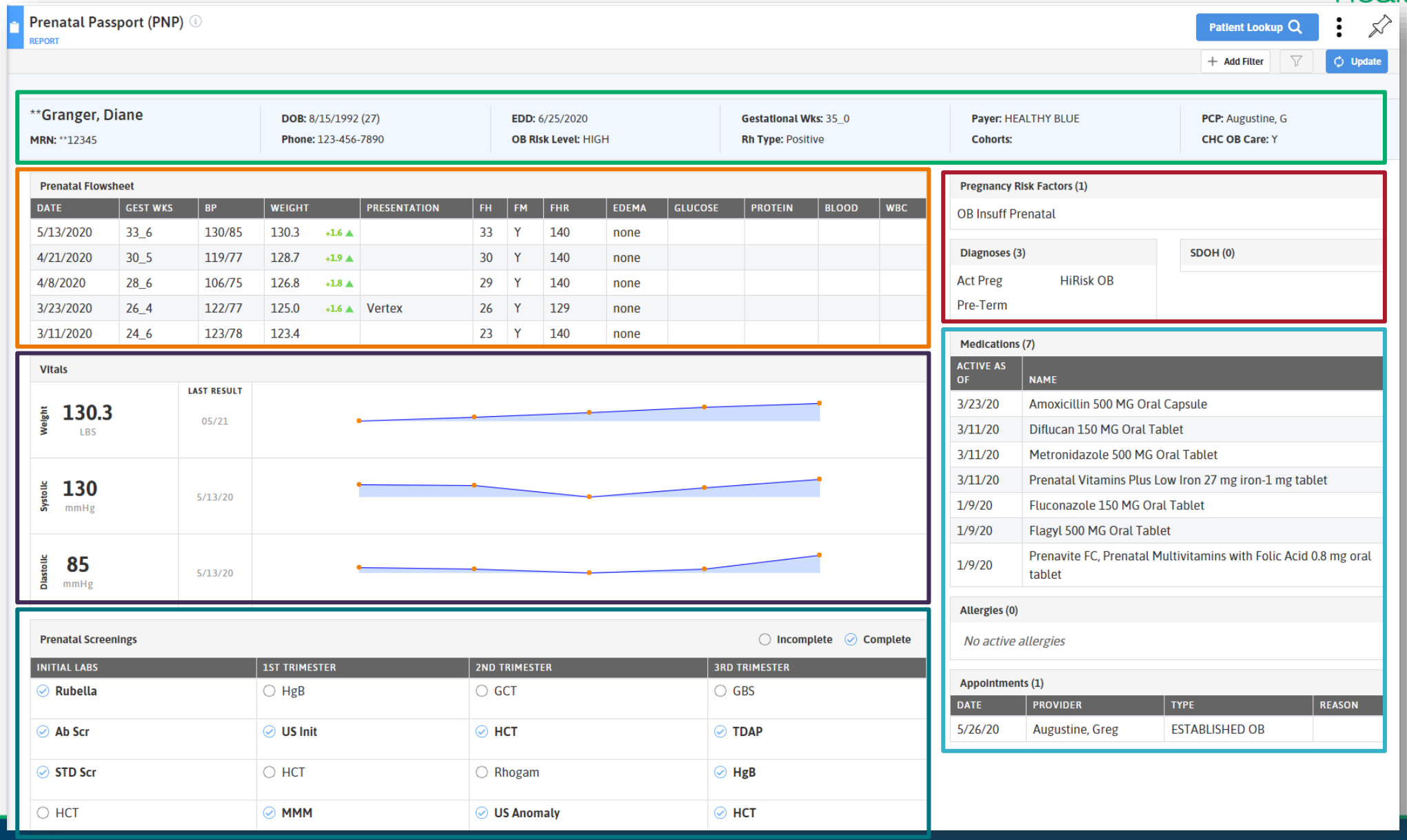
Flowsheet

Vitals

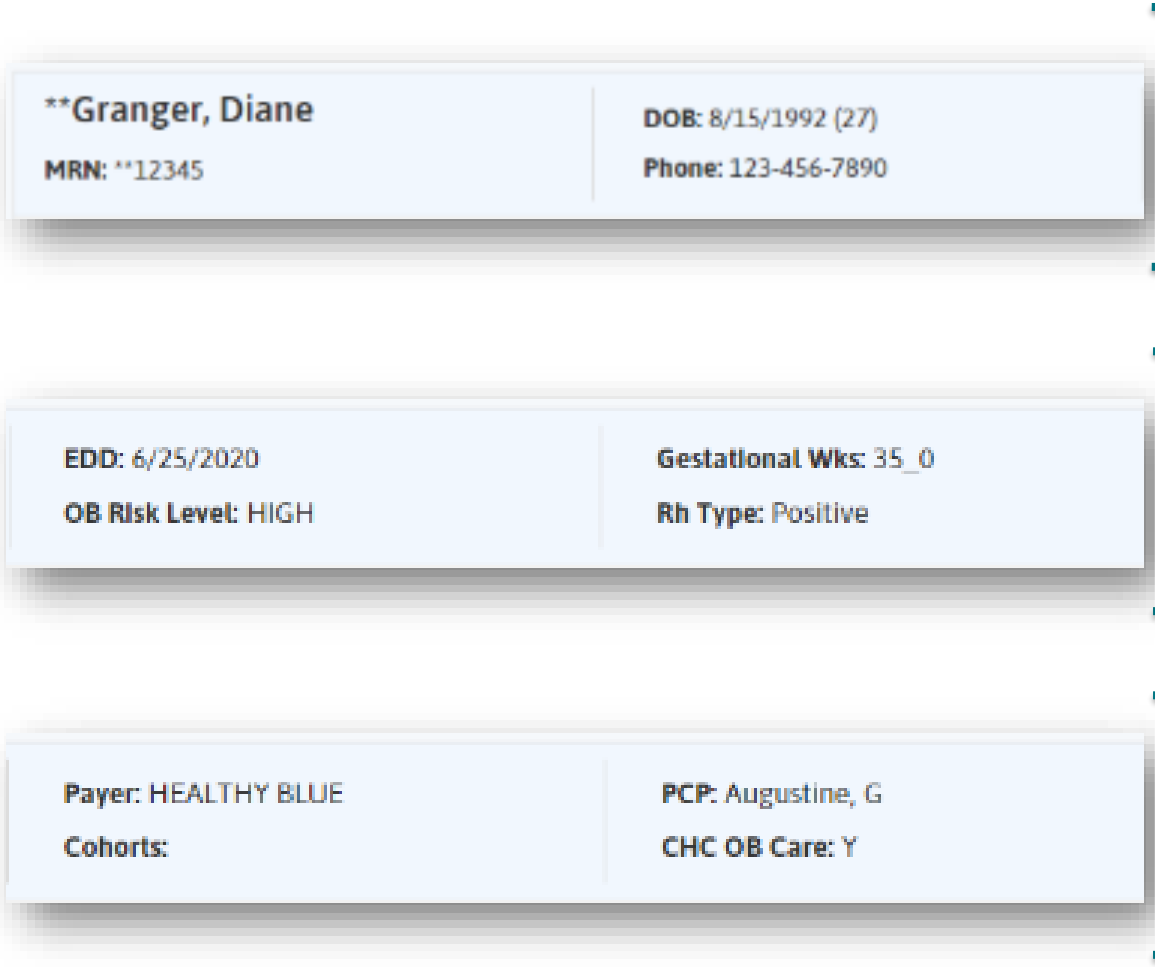
Screenings

Risk Factors

Meds, Allergies, Appts



PNP | Header



Patient Demographics

Name, MRN, Date of birth, phone

Pregnancy Overview

Estimated due date, OB risk level, gestational weeks, RH type

Payer & Provider Data

Payer, cohorts, PCP, CHC OB care

PNP | Overview

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Header

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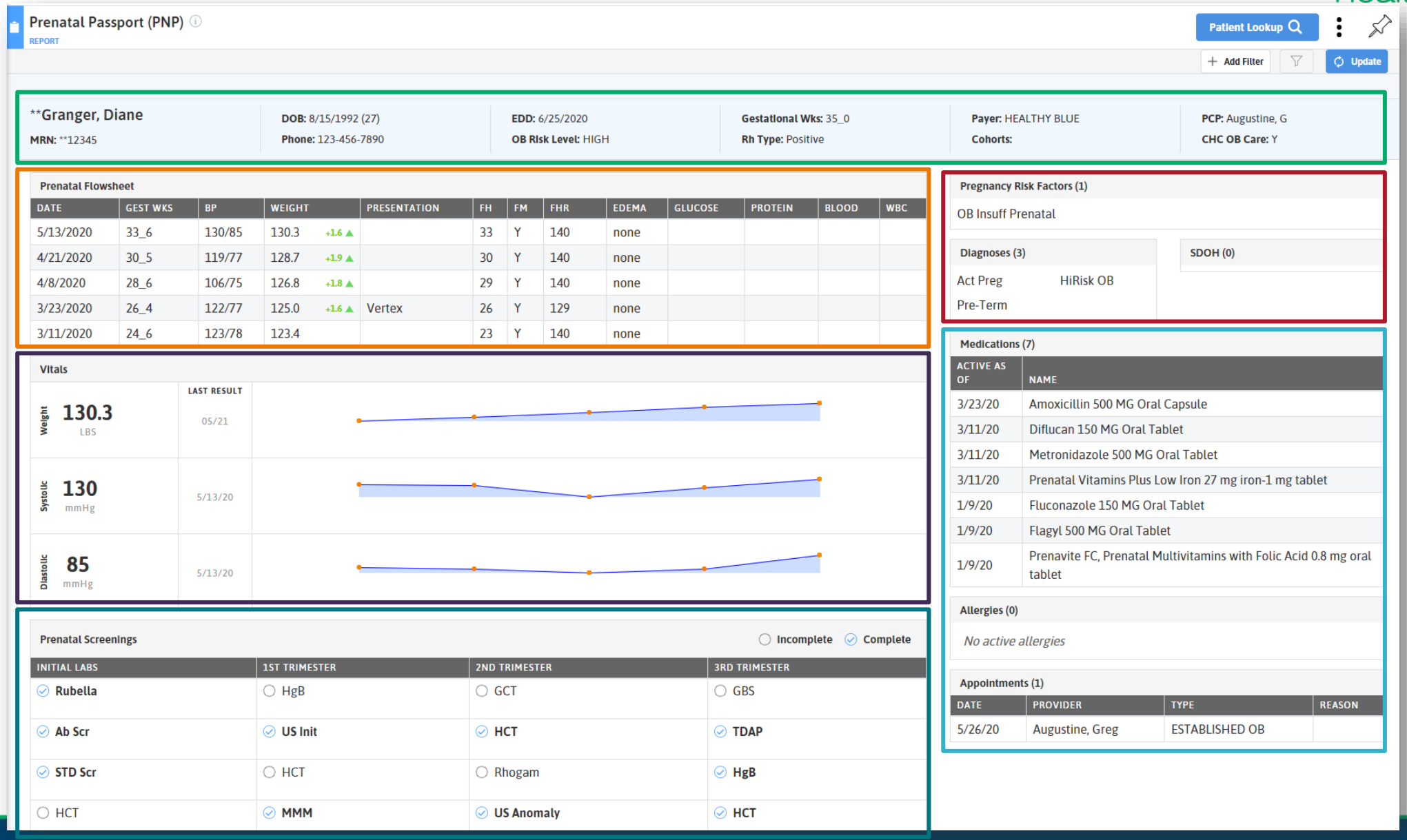
Risk Factors

Meds, Allergies, Appts



PNP | Flowsheet

Prenatal Flowsheet

DATE	GEST WKS	BP	WEIGHT	PRESENTATION	FH	FM	FHR	EDEMA	GLUCOSE	PROTEIN	BLOOD	WBC
5/13/2020	33_6	130/85	130.3 +1.6 ▲		33	Y	140	none				
4/21/2020	30_5	119/77	128.7 +1.9 ▲		30	Y	140	none				
4/8/2020	28_6	106/75	126.8 +1.8 ▲		29	Y	140	none				
3/23/2020	26_4	122/77	125.0 +1.6 ▲	Vertex	26	Y	129	none				
3/11/2020	24_6	123/78	123.4		23	Y	140	none				

- Provides an overview of vital signs from all prenatal visits in a patient's active pregnancy episode.
- For a visit to display here, the visit type must be mapped in the Prenatal Visit category in Mapping Admin.

PNP | Overview

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Header

Flowsheet

Vitals

Screenings

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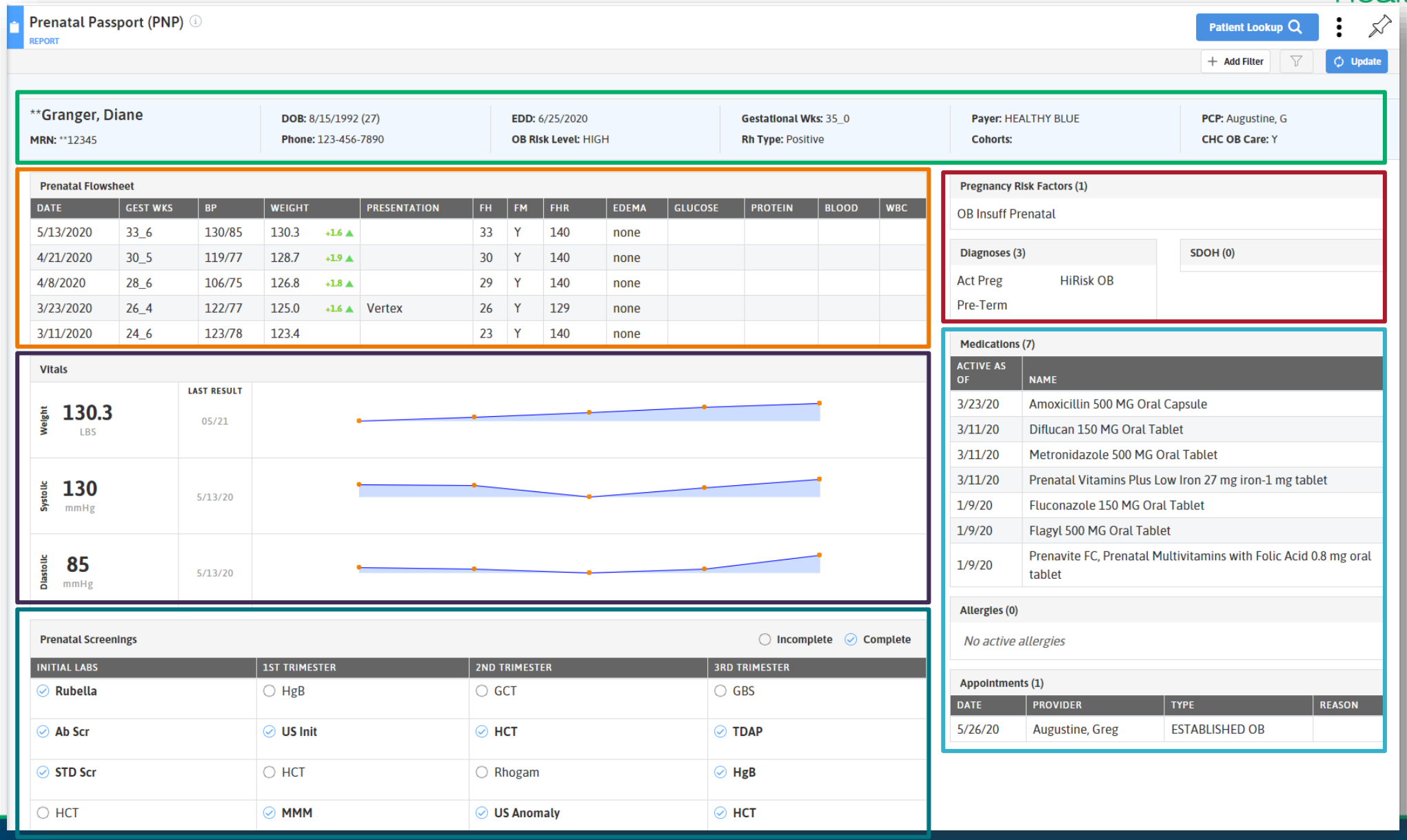
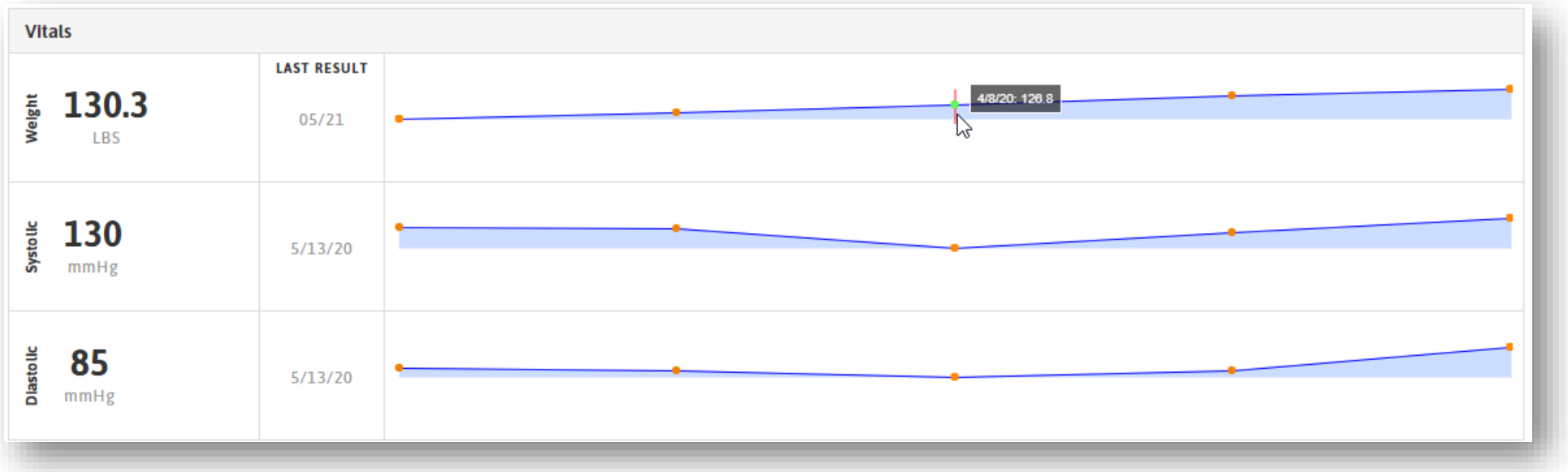
Meds, Allergies, Appts



PNP | Vitals



- Displays the most recent weight and blood pressure.
- The dots on the trend line correspond to the prenatal visits from the flowsheet section. Hovering over the dot displays the date and result for that visit

PNP | Overview

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Header

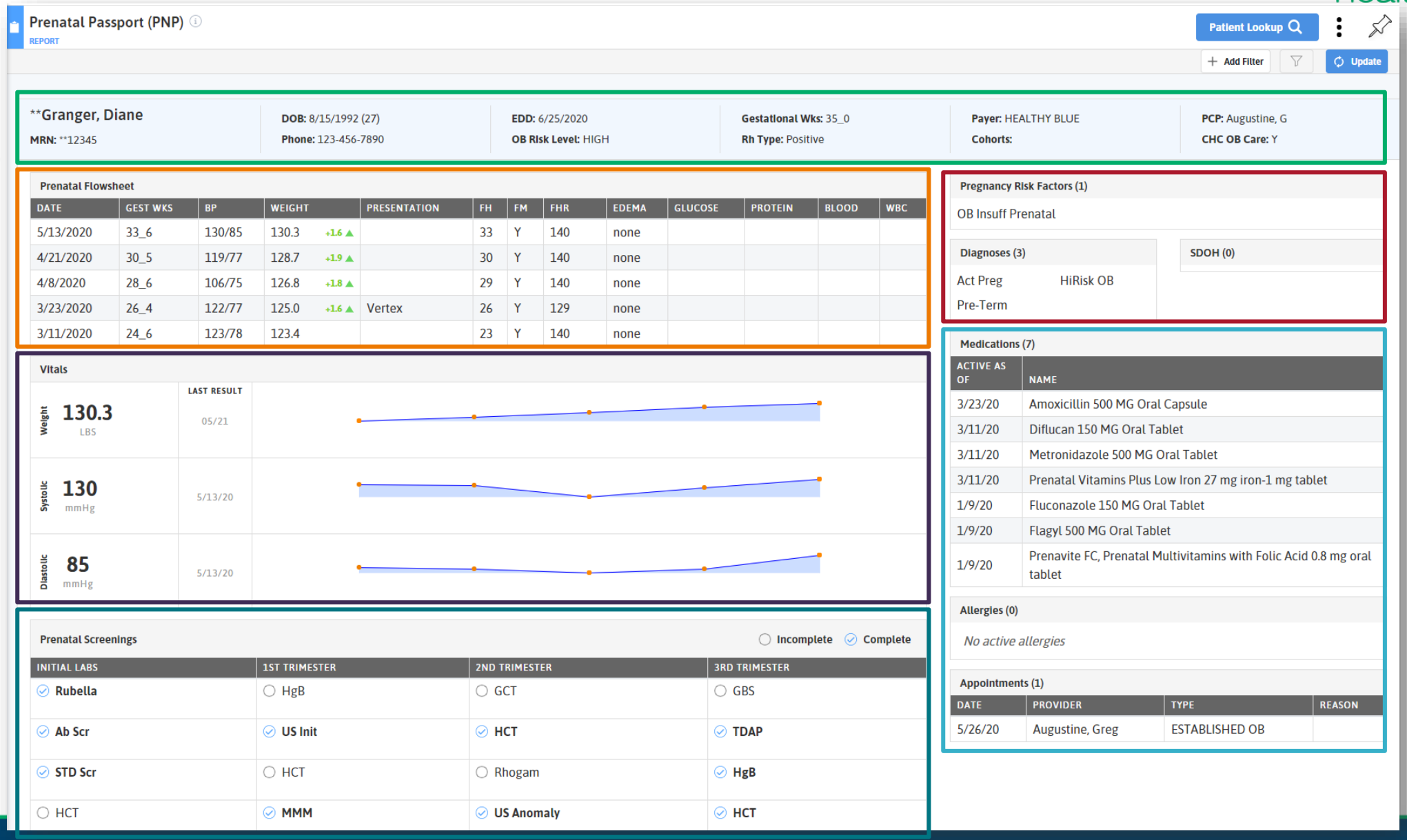
Flowsheet

Vitals

Screenings

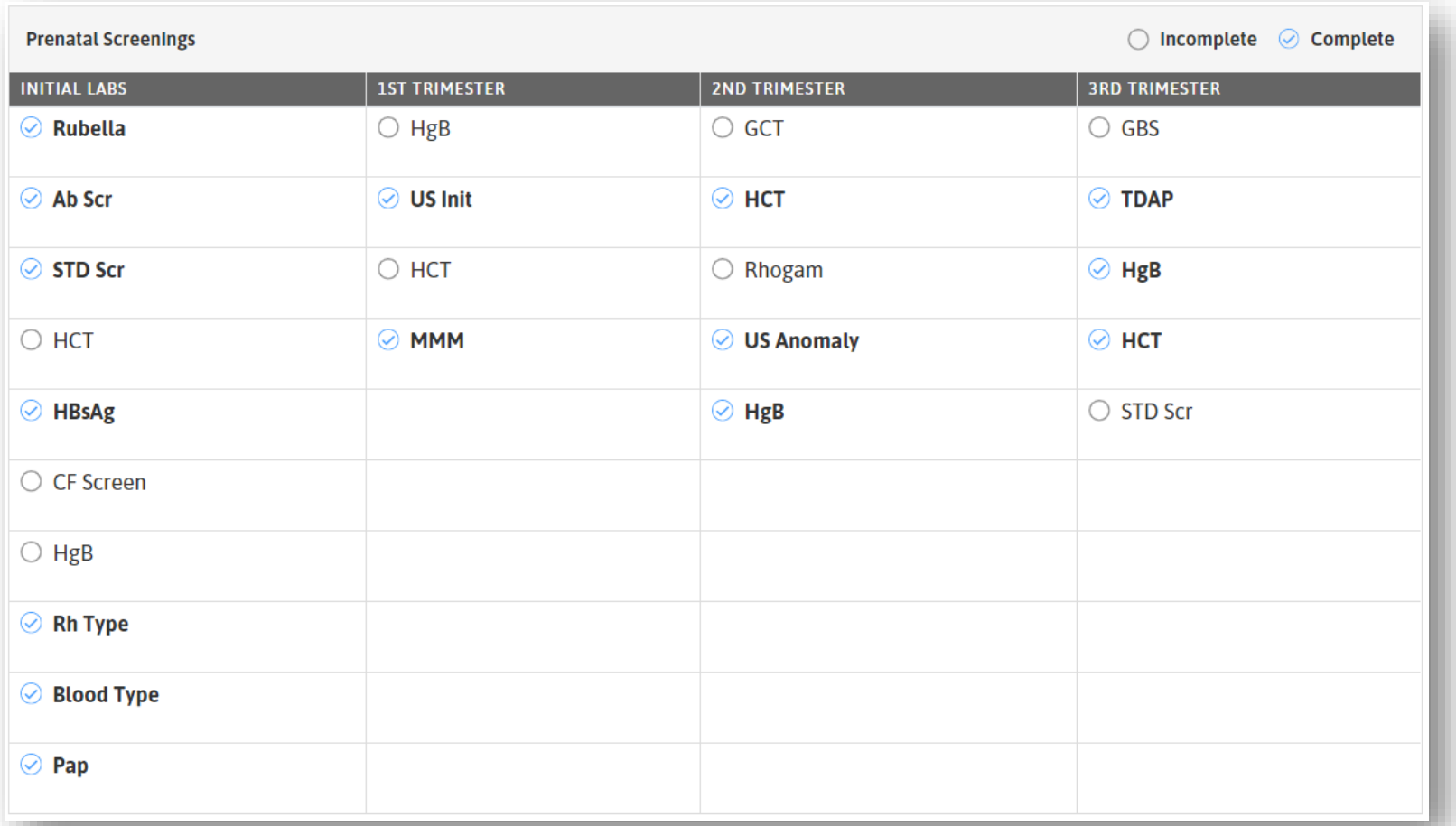
Risk Factors

Meds, Allergies, Appts



PNP | Screenings Overview

- Checklist feature to identify completion of standard screenings organized by trimester.

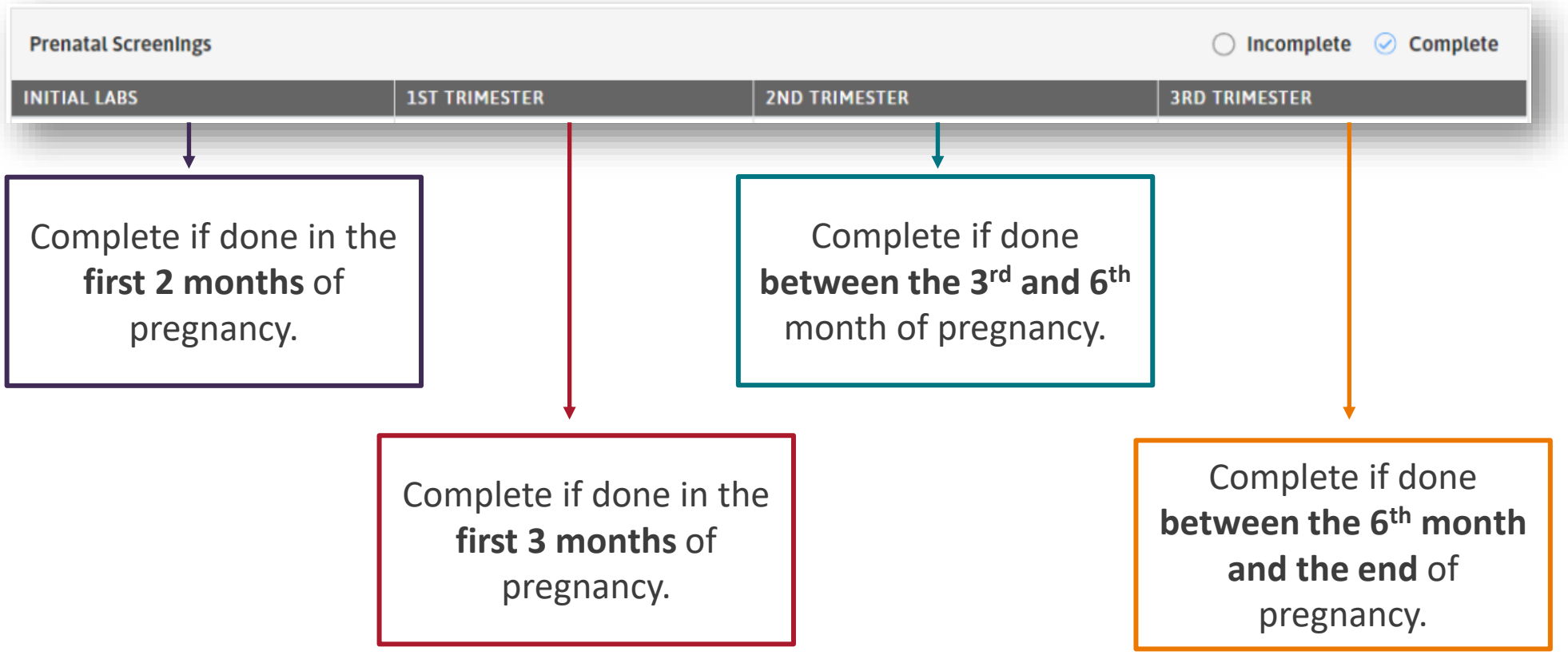


Prenatal Screenings — ○ Incomplete ✓ Complete

INITIAL LABS	1ST TRIMESTER	2ND TRIMESTER	3RD TRIMESTER
✓ **Rubella**	○ HgB	○ GCT	○ GBS
✓ **Ab Scr**	✓ **US Init**	✓ **HCT**	✓ **TDAP**
✓ **STD Scr**	○ HCT	○ Rhogam	✓ **HgB**
○ HCT	✓ **MMM**	✓ **US Anomaly**	✓ **HCT**
✓ **HBsAg**		✓ **HgB**	○ STD Scr
○ CF Screen			
○ HgB			
✓ **Rh Type**			
✓ **Blood Type**			
✓ **Pap**			

PNP | Screenings Data

- The completion of a screening is based on a record of a lab or screening documented in the EHR within the trimester indicated.



PNP | Screenings Data

- If a screening is documented after a trimester ends, the screening will be marked as complete.
  - For example, if the second trimester Rhogam is not completed in the second trimester, but is instead completed in the third trimester, the Rhogam check box under the second trimester section will update to complete when it is completed in the third trimester.

PNP | Overview

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Header

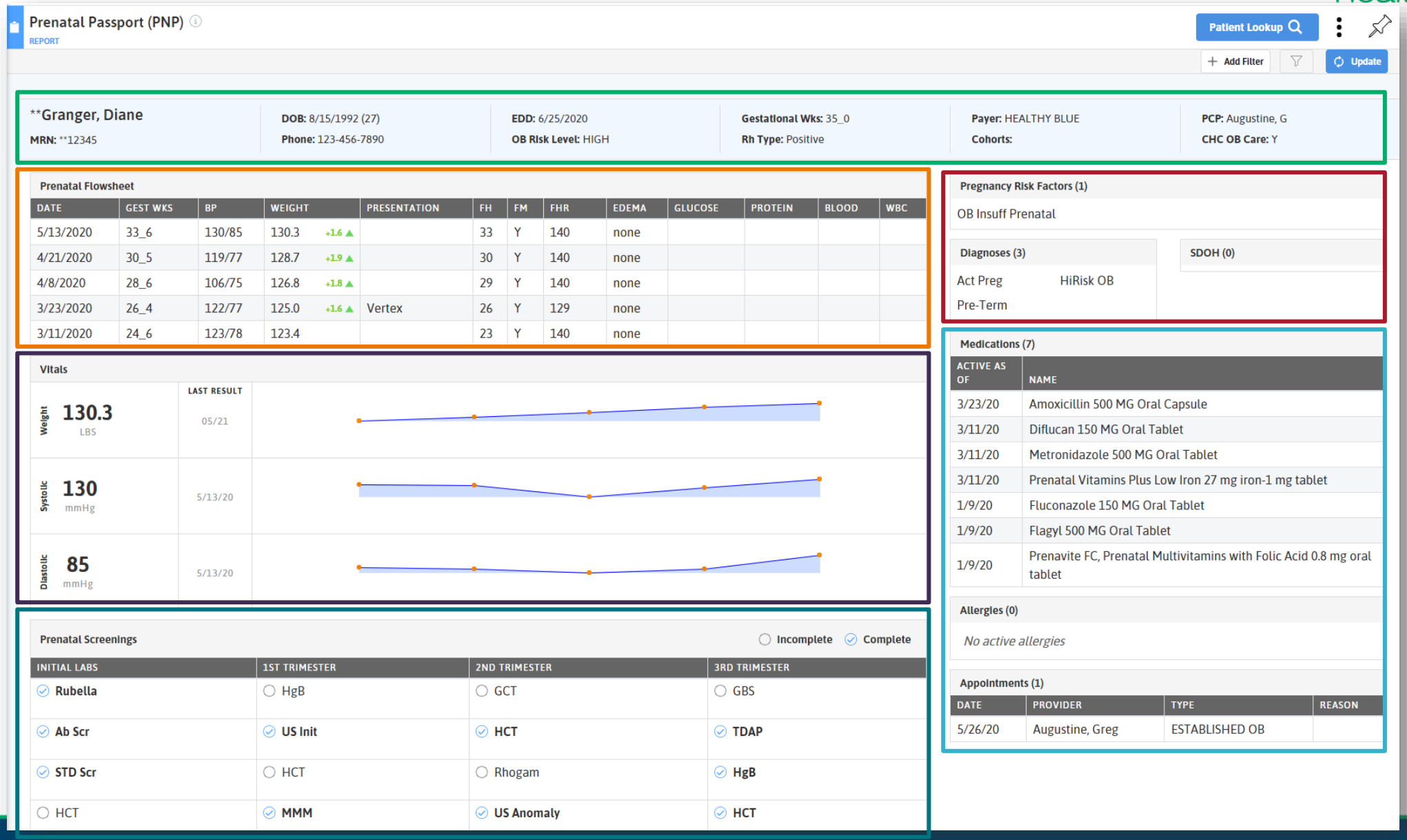
Flowsheet

Vitals

Screenings

Risk Factors

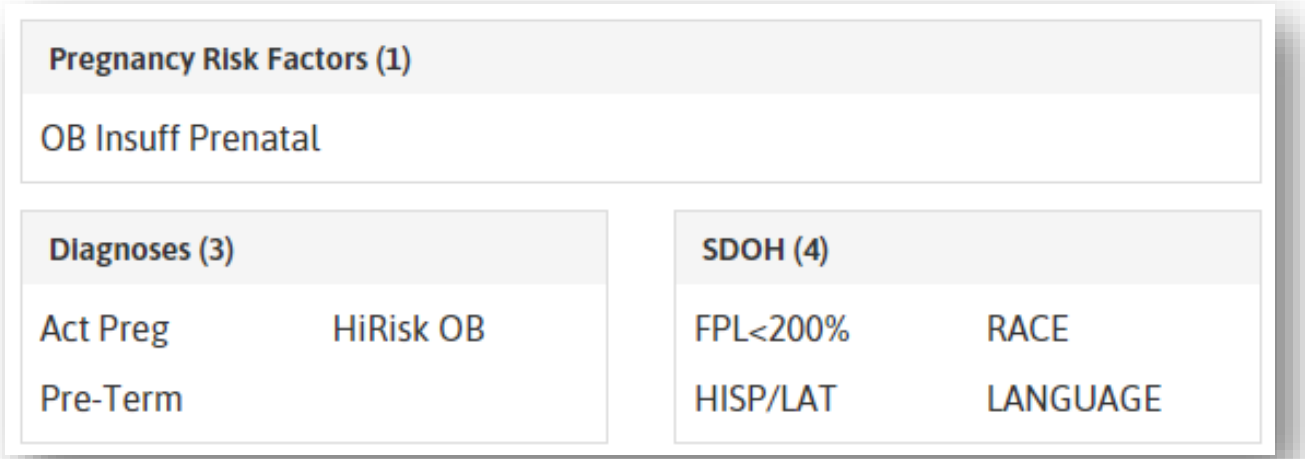
Meds, Allergies, Appts



PNP | Risk Factors, Diagnoses, SDOH

- Pregnancy Risk Factors are pregnancy specific factors that impact care. They are different than those listed on the pre-visit planning report.

- Diagnoses and SDOH will match those on the PVP.



Pregnancy Risk Factors (1)			
OB Insuff Prenatal			
Diagnoses (3)		**SDOH (4)**	
Act Preg	HiRisk OB	FPL<200%	RACE
Pre-Term		HISP/LAT	LANGUAGE

PNP | Risk Factors

The Pregnancy Risk Factors are based on observations and value sets in DRVS and are identified based on problem list items and diagnoses.

- ✓ HiRisk OB Infertility Hx
- ✓ HiRisk OB Ectopic Hx
- ✓ HiRisk OB Pre-Term Labor Hx
- ✓ HiRisk OB Poor OB Hx
- ✓ HiRisk OB Insufficient Prenatal Care
- ✓ HiRisk OB 5+ Past Pregnancies
- ✓ HiRisk OB Elderly
- ✓ HiRisk OB Young
- ✓ HiRisk OB Fertility Technology
- ✓ HiRisk OB In Utero Procedure Hx
- ✓ HiRisk OB Other
- ✓ HiRisk OB Unspecified
- ✓ HiRisk OB Molar Pregnancy Hx
- ✓ HiRisk OB SDOH

PNP | Overview

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Header

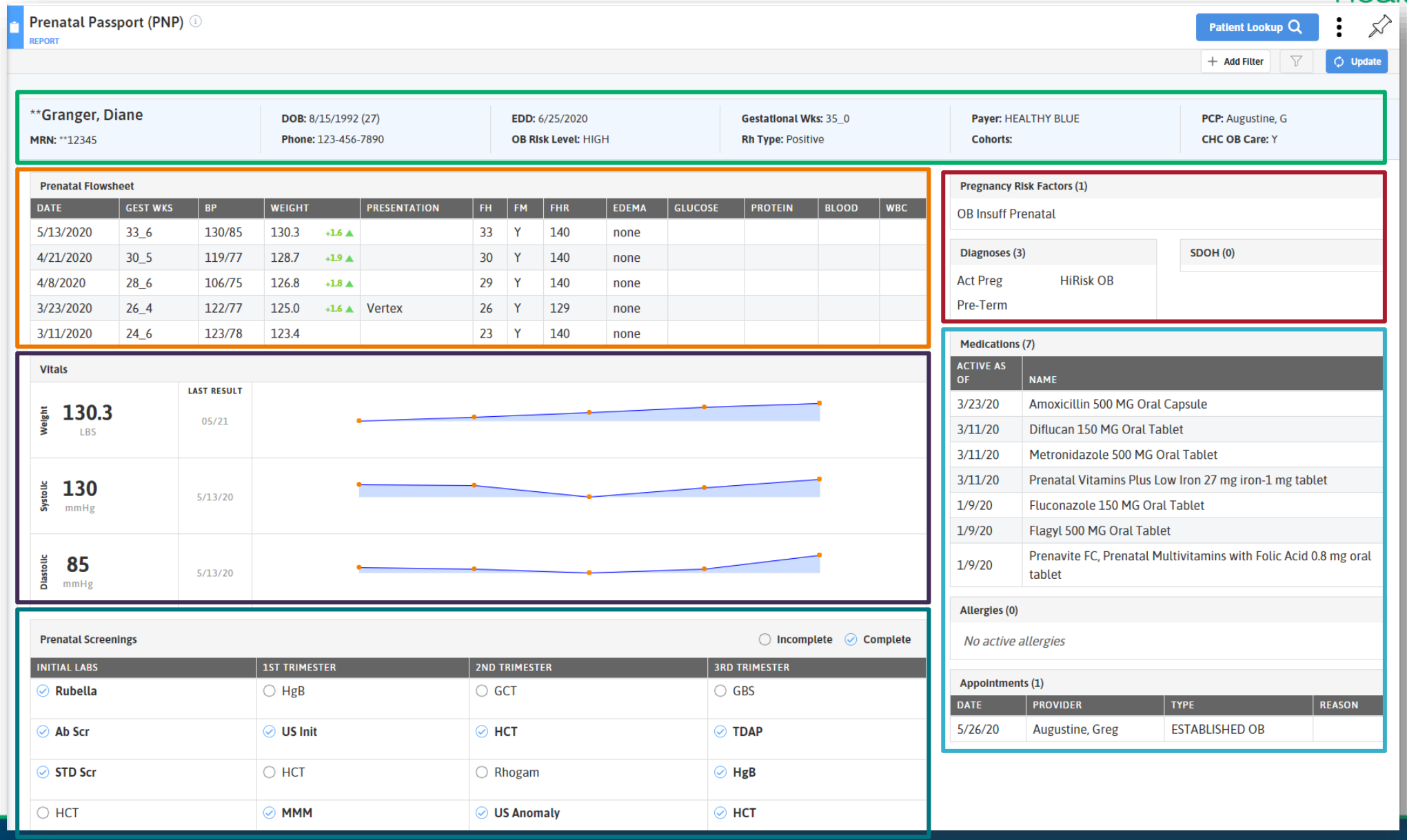
Flowsheet

Vitals

Screenings

Risk Factors

Meds, Allergies, Appts



PNP | Meds, Allergies, Appointments

- Displays the current medications and allergies.
- Displays all upcoming appointments.

Medications (7)

ACTIVE AS OF	NAME
3/23/20	Amoxicillin 500 MG Oral Capsule
3/11/20	Diflucan 150 MG Oral Tablet
3/11/20	Metronidazole 500 MG Oral Tablet
3/11/20	Prenatal Vitamins Plus Low Iron 27 mg iron-1 mg tablet
1/9/20	Fluconazole 150 MG Oral Tablet
1/9/20	Flagyl 500 MG Oral Tablet
1/9/20	Prenavite FC, Prenatal Multivitamins with Folic Acid 0.8 mg oral tablet

Allergies (0)

No active allergies

Appointments (1)

DATE	PROVIDER	TYPE	REASON
5/26/20	Augustine, Greg	ESTABLISHED OB	

Reports: Summary & Detail

Pregnancy reporting in the OB Module.

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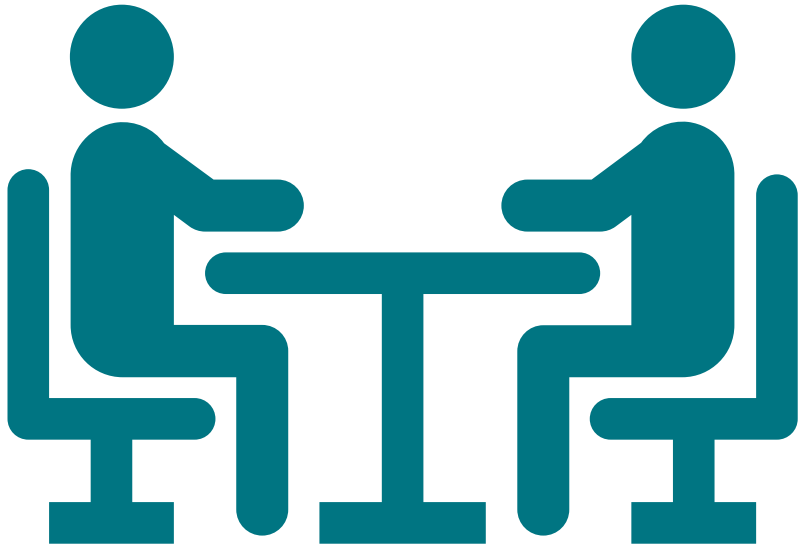
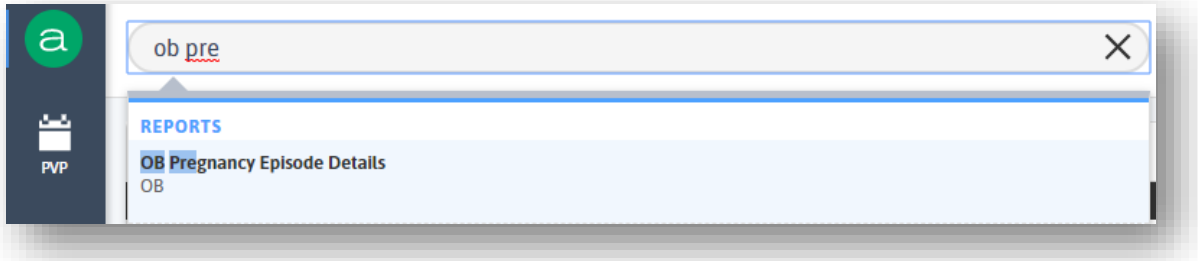
Uses for Summary and Details Reports

- Population health management
- Case conferences
- Outreach
  - Due soon, no upcoming appointment
  - Overdue, no upcoming appointment
  - Appointment reminders and preparedness
  - Trimester specific
- Data collection for UDS

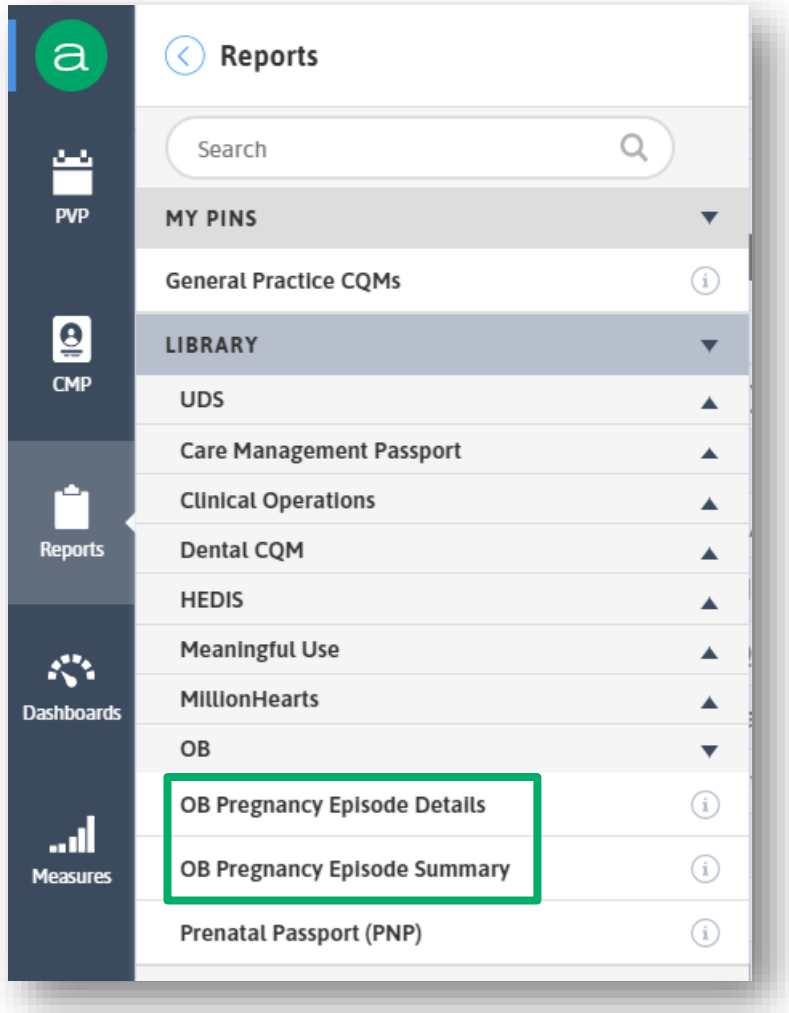


Navigating to the Reports

- The reports can be found in two ways.
  - Global Search:



  - Reports > OB
    - OB Pregnancy Episode Details
    - OB Pregnancy Episode Summary



Summary vs. Details

Feature	OB Pregnancy Episode Summary	OB Pregnancy Episode Details
Included with DRVS subscription	✓	
Included with DRVS subscription and OB Module	✓	✓
Column for Entry into Prenatal Program	✓	✓
Column for Initial Trimester, Here	✓	✓
Level of data detail for patient's pregnancy episode	Summary	Detail

- *Entry into Prenatal Program* and *Initial Trimester, Here* data must be mapped in the Structured Clinical Data category in mapping admin.
- Entry into Prenatal Program mapping also populates the CHC OB Filter on UDS table 6b – sections A & B and table 7.

Keep in Mind…

- Both reports will show any patient whose pregnancy overlaps the date range set on the report, regardless of whether that patient had a qualifying encounter in that time period. Depending on the date range set, the reports will not necessarily display the same numbers as Table 6b - Sections A & B or Table 7.
- The values in the *Pregnancy End Date* column in the summary report are the same as the Estimated Dates of Delivery until an actual outcome is recorded. If no outcome is recorded by the EDD date, 1 day will be added to the EDD for 28 days, after which DRVS will consider the episode of pregnancy ended even if no outcome has been recorded. For more information on how pregnancy episodes and data elements are calculated, see the Help section here

OB Pregnancy Episode Summary | Data Elements

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This report displays in a registry format. It contains patient demographics as well as:

- ✓ OB risk level
- ✓ Episode start
- ✓ Episode indicator date and code
- ✓ Trimester
- ✓ Gestational age (weeks)
- ✓ Estimated date of conception
- ✓ Last menstrual period
- ✓ Episode create date
- ✓ Episode type
- ✓ Early entry into prenatal program date
- ✓ Estimated delivery
- ✓ Birthweight
- ✓ Delivery documentation
- ✓ Birthing outcome
- ✓ Risk
- ✓ Initial trimester of entry
- ✓ Initial trimester of care location

EPISODE INDICATOR				EST PREG START				EST DELIVERY					DELIVERY DOC		
DT	CODE	TRIMESTER	ESTATIONAL AGE (WKS)	EDC	LMP	EPISODE CREATE DT	TYPE	DT	TYPE	Y INTO PRENATAL PROGRAM DT	DT	BIRTHWEIGHT	DT	CODE	PREGNANCY END D
		3	28	11/24/2019		3/11/2020	EHR	8/15/2020		3/11/2020					8/15/2020
		2	26	12/11/2019		1/30/2020	EHR	9/1/2020							9/1/2020
		3	32	10/15/2019		2/13/2020	EHR	7/21/2020		2/13/2020					7/21/2020
		2	26	12/10/2019		2/9/2020	EHR	8/31/2020		2/9/2020					8/31/2020
		3	44	8/4/2019		3/16/2020	EHR	4/25/2020		3/16/2020			5/13/2020	Z39.0	5/20/2020

OB Pregnancy Episode Details | Data Elements

This report displays in a registry format. It contains patient demographics as well as:

- ✓ Pregnancy Overview
  - OB risk level
  - Trimester
  - Gestational age (weeks)
  - Estimated date of conception
  - Last menstrual period
  - Early entry into prenatal program date
  - Initial trimester of care start and location
- ✓ Episode Information
  - Episode start
  - Episode end date
  - Episode indicator date and code
  - Episode create date
  - Episode type
- ✓ Delivery Data
  - Estimated delivery date
  - Birthweight
  - Delivery provider
  - Birthing outcome
- ✓ Labs & Screenings
  - Blood type
  - RH factor
  - Screenings: Rubella, GBS, GTT, Syphilis, Hep-B, Chlamydia, HIV
  - Hep-B vaccine
- ✓ Appointments
  - Most recent appointment date and provider
  - Next appointment date and provider

Family Planning Measures

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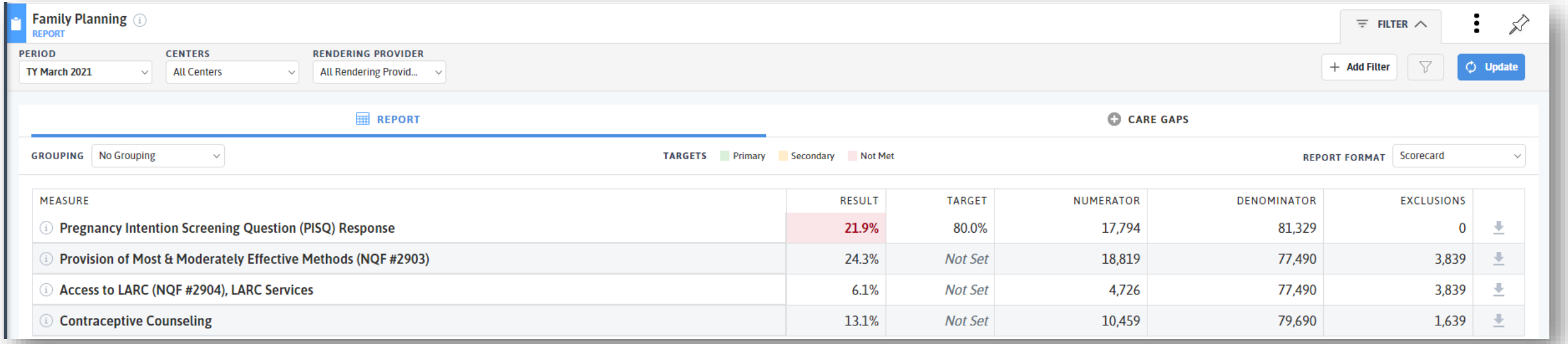
Azara Family Planning Measures

- Contraceptive Counseling
- Pregnancy Intention Screening Question (PISQ) Response
- Access to LARC (NQF #2904), LARC Services
- Provision of Most & Moderately Effective Methods (NQF #2903)



MEASURE	RESULT	TARGET	NUMERATOR	DENOMINATOR	EXCLUSIONS
Pregnancy Intention Screening Question (PISQ) Response	21.9%	80.0%	17,794	81,329	0
Provision of Most & Moderately Effective Methods (NQF #2903)	24.3%	*Not Set*	18,819	77,490	3,839
Access to LARC (NQF #2904), LARC Services	6.1%	*Not Set*	4,726	77,490	3,839
Contraceptive Counseling	13.1%	*Not Set*	10,459	79,690	1,639

Contraceptive Counseling

This measure is the percentage of female patients that received documented counseling during a qualifying encounter at least once during the past 12 months. Current best practice is to provide patients of reproductive age with contraceptive counseling once per year, and this measure reflects whether counseling is being provided according to those guidelines. There is a 12-month lookback period in this measure in which the logic scans all encounters in the past 12 months to determine whether or not contraceptive counseling was provided to the patient.

CMS/NQF #	Numerator	Denominator	Exclusions
NQF #: N/A **CMS ID**: N/A **Endorser**: Upstream USA **Steward**: Upstream USA	Unduplicated number of patients documented as having received contraceptive counseling during an encounter in the 12 months prior to the reporting selected in the filter.	Unduplicated number of patients aged 15-44 that had an encounter in the reporting period selected in the filter. Inclusion criteria: • Female, aged 15-44 • Qualifying encounter in the reporting period selected in the filter	• Infecund

Contraceptive Counseling

NUMERATOR

Unduplicated number of patients documented as having received contraceptive counseling during an encounter in the 12 months prior to the reporting selected in the filter.

CONTRACEPTIVE COUNSELING

ICD-10 Z code for contraceptive counseling

OR

Structured Clinical Data for contraceptive counseling

DENOMINATOR

Unduplicated number of patients aged 15-44 that had an encounter in the reporting period selected in the filter.

Inclusion criteria:

- Female, aged 15-44
- Qualifying encounter in the reporting period selected in the filter

QUALIFYING PATIENT

Include female patients 15-44

Qualifying Encounter as defined by health center in Mapping Administration in DRVS

EXCLUSIONS

Infecund

INFECIND

ICD-10 infecund codes

OR

Structured Clinical Data for Hysterectomy

Legend

Default

Custom Structured Clinical Data

Pregnancy Intention Screening Response

Percent of female patients ages 15-44 with a documented response to the Pregnancy Intention Screening Question (PISQ) in the EHR in the previous 12 months.

CMS/NQF #	Numerator	Denominator	Exclusions
NQF #: N/A **CMS ID**: N/A **Endorser**: Upstream USA **Steward**: Upstream USA	Female patients ages 15-44 with a documented response to the PISQ in the EHR recorded in the previous 12 months. • Completed PISQ with valid result (Yes, No, Ok either way, Unsure, NA) documented in previous 12 months • DRVS captures most recent response documented in the previous 12-months	Female patients ages 15 -44 with a qualifying encounter in the filtered period Inclusion criteria: • Qualifying encounter • Female • Age 15 - 44 at the end of the measurement period	• None

Pregnancy Intention Screening Response

NUMERATOR

Female patients ages 15-44 with a documented response to the PISQ in the EHR recorded in the previous 12 months.

- Completed PISQ with valid result (Yes, No, Ok either way, Unsure, NA) documented in previous 12 months
- DRVS captures most recent response documented in the previous 12-months

COMPLETED PISQ

Structured Clinical Data for PISQ response

DENOMINATOR

Female patients ages 15 -44 with a qualifying encounter in the filtered period

Inclusion criteria:

- Qualifying encounter
- Female
- Age 15 - 44 at the end of the measurement period

QUALIFYING PATIENT

Include female patients 15-44

Qualifying Encounter as defined by health center in Mapping Administration in DRVS

EXCLUSIONS

None

Legend

Default

Custom Structured Clinical Data

Access to LARC (NQF #2904), LARC Services

Percentage of women aged 15-44 years at risk of unintended pregnancy that is provided a long-acting reversible method of contraception (i.e., implants, intrauterine devices or systems (IUD/IUS). It is an access measure because it is intended to identify situations in which women do not have access to the long-acting reversible methods of contraception (LARC), i.e., contraceptive implants and intrauterine devices.

CMS/NQF #	Numerator	Denominator	Exclusions
NQF #: 2904 **CMS ID**: NA **Endorser**: NQF **Steward**: US Office of Population Affairs	Women aged 15-44 years of age at risk of unintended pregnancy who were provided a long-acting reversible method of contraception (LARC), i.e., intrauterine device or implant. Long Acting Reversible Contraceptive (LARC) ICD, CPT, and HCPCS procedure codes, and RxNorm drug codes indicating placement or surveillance of an implant or IUD in the previous 12 months.	All women aged 15-44 years of age who are at risk of unintended pregnancy. • Qualifying encounter • Female patients ages 15 - 44 by December 31 of the calendar year	• Patients infecund due to non-contraceptive reasons including menopause, hysterectomy, or oophorectomy. • Had a live birth within 60 days of the end of the filtered period. • Were pregnant at the end of the measurement year.

Access to LARC (NQF #2904), LARC Services

NUMERATOR

Women aged 15-44 years of age at risk of unintended pregnancy who were provided a long-acting reversible method of contraception (LARC), i.e., intrauterine device or implant.
Long Acting Reversible Contraceptive (LARC) ICD, CPT, and HCPCS procedure codes, and RxNorm drug codes indicating placement or surveillance of an implant or IUD in the previous 12 months.

LARC

CPT, HCPCS, ICD-10, RxNorm or SNOMED codes indicating provision of LARC

DENOMINATOR

All women aged 15-44 years of age who are at risk of unintended pregnancy.

- Qualifying encounter
- Female patients ages 15 - 44 by December 31 of the calendar year

QUALIFYING PATIENT

Include female patients 15-44

Qualifying Encounter as defined by health center in Mapping Administration in DRVS

EXCLUSIONS

- Patients infecund due to non-contraceptive reasons, including: menopause, hysterectomy, or oophorectomy.
- Had a live birth within 60 days of the end of the filtered period.
- Were pregnant at the end of the measurement year.

INFECIND, PREGNANT, LIVE BIRTH

CPT, ICD-10 or SNOMED codes

OR

Structured Clinical Data for Hysterectomy and Pregnancy Delivery

Legend

Default

Custom Structured Clinical Data

Provision of Most & Moderately Effective Methods (NQF #2903)

The percentage of women aged 15-44 years at risk of unintended pregnancy that is provided a most effective (that is, sterilization, implants, intrauterine devices or systems (IUD/IUS)) or moderately effective (injectables, oral pills, patch, ring, or diaphragm) contraceptive method.

CMS/NQF #	Numerator	Denominator	Exclusions
NQF #: 2903 **CMS ID**: N/A **Endorser**: NQF **Steward**: US Office of Population Affairs	Female patients ages 15-44 with documented receipt of any of the following contraceptive methods during the previous 12 months. Most effective methods of contraception: • Sterilization • IUD/IUS • Implant • Moderately effective method of contraception: • Injectables • Oral pills • Patch • Ring • Diaphragm	Female patients ages 15 - 44 with a qualifying encounter in the filtered period. • Qualifying Encounter • Female patients ages 15 - 44 by December 31 of the calendar year	• Patients infecund due to non-contraceptive reasons including menopause, hysterectomy, or oophorectomy. • Had a live birth in the last 60 days of the measurement period. • Were still pregnant at the end of the measurement period.

Provision of Most & Moderately Effective Methods (NQF #2903)

NUMERATOR

Female patients ages 15-44 with documented receipt of any of the following contraceptive methods during the previous 12 months.

MOST/MOD EFFECTIVE METHOD

CPT, HCPCS, ICD-10, NDC, RxNorm, SNOMED codes

OR

Structured Clinical Data for Sterilization

DENOMINATOR

Female patients ages 15 -44 with a qualifying encounter in the filtered period.

- Qualifying Encounter
- Female patients ages 15 - 44 by December 31 of the calendar year

QUALIFYING PATIENT

Include female patients 15-44

Qualifying Encounter as defined by health center in Mapping Administration in DRVS

EXCLUSIONS

- Patients infecund due to non-contraceptive reasons, including: menopause, hysterectomy, or oophorectomy.
- Had a live birth in the last 60 days of the measurement period.
- Were still pregnant at the end of the measurement period.

INFECIND, PREGNANT, LIVE BIRTH

CPT, ICD-10 or SNOMED codes

OR

Structured Clinical Data for Hysterectomy and Pregnancy Delivery

Legend

Default

Custom Structured Clinical Data

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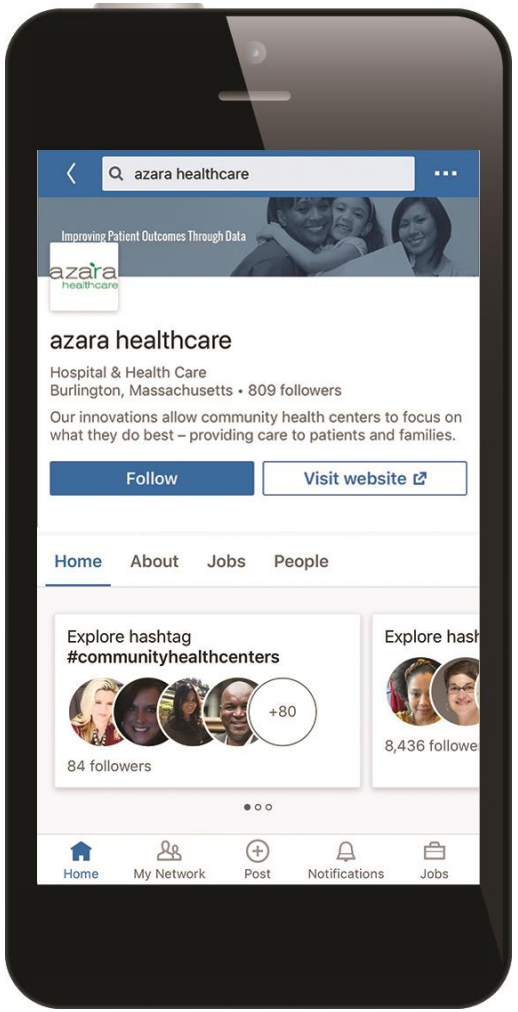

Questions?

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