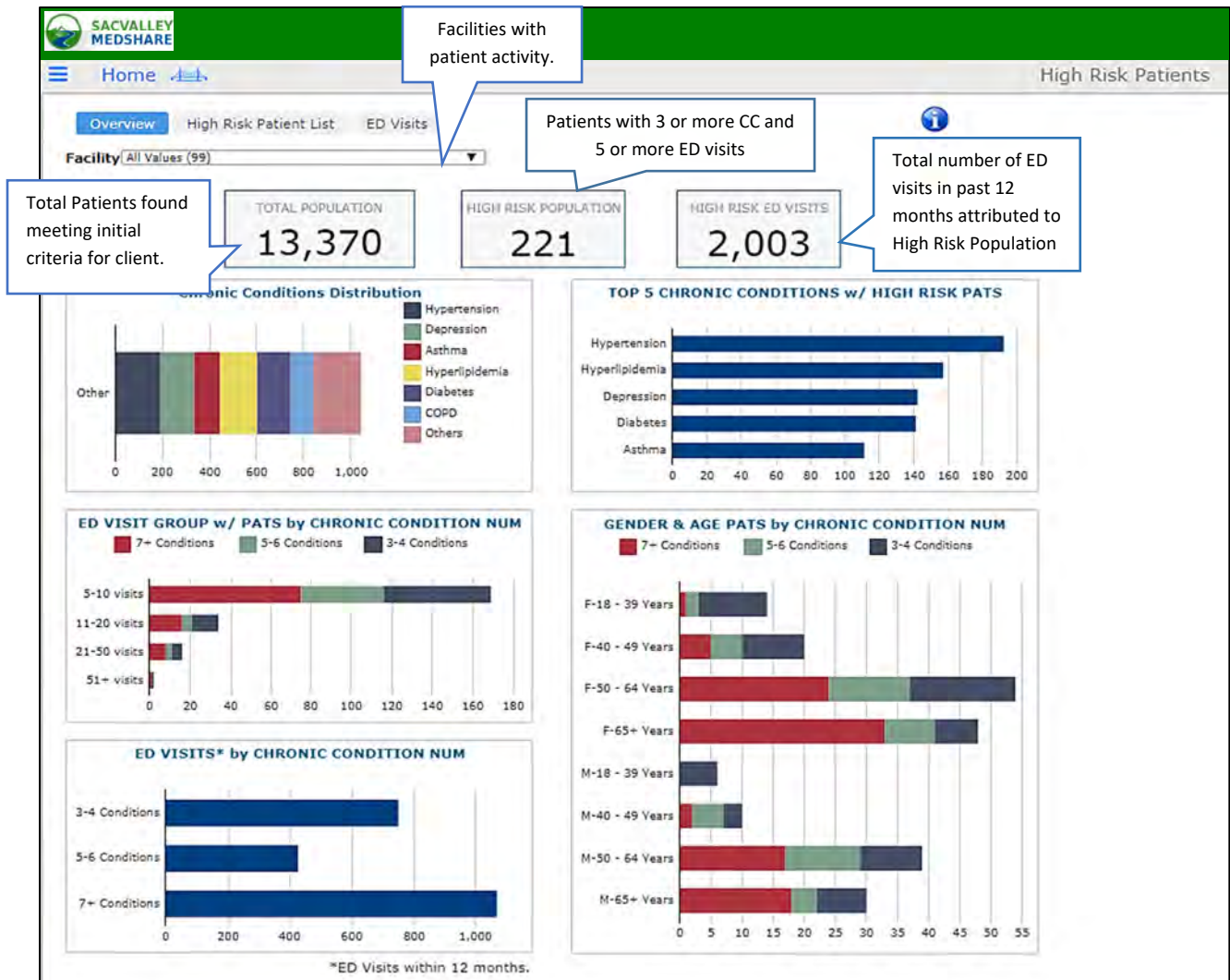


High Risk Patient population: Those with 3 or more Chronic Disease Conditions AND 5 or more visits to ED in past 12 mos.



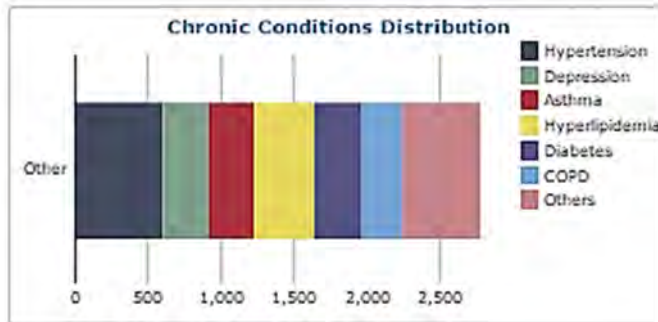
A CMS list of 27 chronic conditions is the reference. Hospital and clinic pilot participants helped refine the conditions down to the 17 displayed on dashboards. <https://www.ccwdata.org/web/guest/condition-categories>

Alzheimer's Disease
Asthma
Atrial Fibrillation
Bipolar Disorder
Cancer
Chronic Kidney Disease

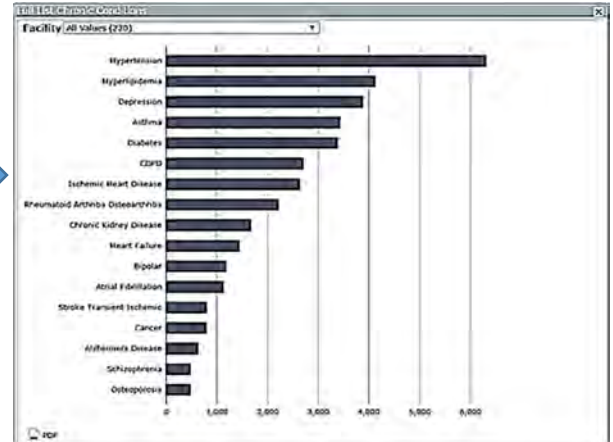
COPD
Depression
Diabetes
Heart Failure
Hyperlipidemia
Ischemic Heart Disease

Osteoporosis
Rheumatoid/Osteoarthritis
Schizophrenia
Stroke/Transient Ischemic Attack

PURPOSE: High Risk Patient dashboard identifies patients that could be considered most at risk for poor health outcomes, high resource utilization and in need of care coordination and management.



Chronic Conditions Distribution shows distribution of chronic conditions by color code. Hover over individual bar provides specific number of patients with that condition. Numbers will be greater than the number of patients due to multiple conditions/patient.



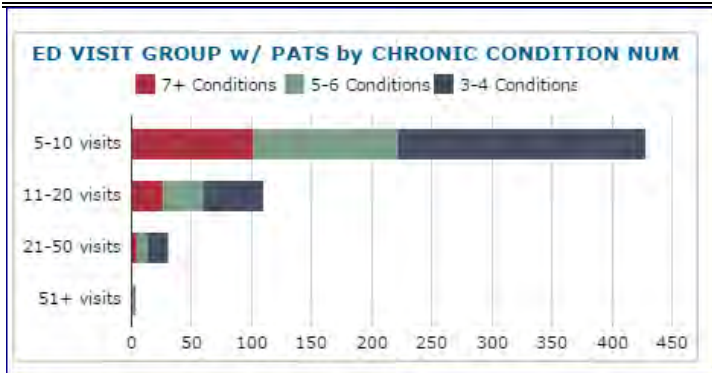
Clicking on any bar from the Chronic Conditions color chart opens a distribution of chronic diseases in a descending order of frequency for the population. Can be limited to 1 facility to note differences. NOTE: Facility with most recent use of the chronic diagnosis is identified as the source. PDF option available.

Selecting an individual condition from distribution chart opens a **patient list with that chronic condition**. List will retain selection from previous chart or can be filtered by **Facility** and **Chronic Condition** without returning to previous chart. **Total** number of patients with chronic condition displays in upper left of list. Columns are sortable in ascending and descending order by clicking on column headers. **PDF and Excel exports** opens by clicking on icon in lower left.

Patient List					
Facility All Values (16)					
Chronic Condition Hypertension					
#	Name	DOB	Sex	Ethnicity	Facility
2,598					
1	8837, Patient	11/15/1981	M	Not Hispanic or Latino	Facility 1
2	9141, Patient	5/16/1995	M	Not Hispanic or Latino	Facility 11
3	9889, Patient	1/21/1989	M	Not Hispanic or Latino	Facility 11
4	10832, Patient	8/12/1980	M	Not Hispanic or Latino	Facility 10
5	10886, Patient	9/16/1983	M	Not Hispanic or Latino	Facility 11
6	11143, Patient	1/9/1981	M	Not Hispanic or Latino	Facility 10
7	17819, Patient	11/18/1955	M	Not Hispanic or Latino	Facility 13
8	18488, Patient	1/25/1931	M	Not Hispanic or Latino	Facility 5
9	22081, Patient	12/6/1979	M	Not Hispanic or Latino	Facility 10
10	22325, Patient	2/25/1973	M	Not Hispanic or Latino	Facility 7
11	22335, Patient	8/8/1981	M	Not Hispanic or Latino	Facility 8
12	23589, Patient	12/4/1934	M	Not Hispanic or Latino	Facility 11
13	29002, Patient	6/10/1988	F	Not Hispanic or Latino	Facility 10
14	29417, Patient	12/19/1978	M	Not Hispanic or Latino	Facility 13
15	32393, Patient	7/5/1962	F	Not Hispanic or Latino	Facility 11
16	38390, Patient	10/19/1982	F	Not Hispanic or Latino	Facility 13
17	40743, Patient	6/16/1935	M	Not Hispanic or Latino	Facility 2
18	41392, Patient	5/15/1984	M	Not Hispanic or Latino	Facility 11
19	42558, Patient	9/9/1985	F	Not Hispanic or Latino	Facility 2
20	44052, Patient	4/18/1964	M	Not Hispanic or Latino	Facility 1
21	44538, Patient	10/2/1925	M	Not Hispanic or Latino	Facility 2
22	44600, Patient	2/26/1967	M	Not Hispanic or Latino	Facility 2
23	44650, Patient	5/19/1921	M	Not Hispanic or Latino	Facility 11

Dashboard User Guide

High Risk Tile



This chart displays association between **number of Chronic Conditions and ED visit ranges**.

Hover over any segment provides breakdown of patients with chronic conditions for that ED range.

Click on bar opens **patient specific list**. Displays total number of patients.

Can filter on number of visits and Number of Chronic Conditions.

Same column sort features, name, DOB, sex. Export to Excel or PDF

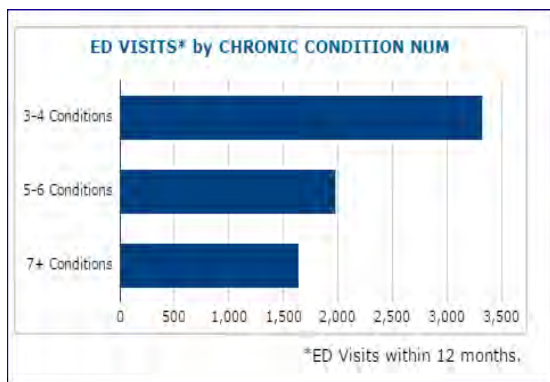


Patient List

ED Visit Group: 5-10 visits

Number of Chronic Conditions Group: All Values (3)

Patient Name	Patient DOB	Sex	Ethnicity	Pat #
				2,209
8837, Patient	11/15/1981	M	Not Hispanic or Latino	1
9141, Patient	05/16/1995	M	Not Hispanic or Latino	1
11143, Patient	01/09/1981	M	Not Hispanic or Latino	1
17819, Patient	11/18/1955	M	Not Hispanic or Latino	1
21629, Patient	10/06/1972	M	Not Hispanic or Latino	1
22081, Patient	12/06/1979	M	Not Hispanic or Latino	1
22325, Patient	02/25/1973	M	Not Hispanic or Latino	1
23589, Patient	12/04/1934	M	Not Hispanic or Latino	1



Similar to ED Visit Group, but shows **total ED visits** for past 12 months by number of chronic conditions category.

Hover over bar gives total visits.

All ED Facility Report

Patient List

Facility: All Values (16)

Number of Chronic Conditions Group: 3-4 Conditions

Name	DOB	Sex	Ethnicity	Facility	Visit #
					17,051
756776, PATIENT	10/06/1980	F	Hispanic or Latino		210
1197817, PATIENT	02/28/1955	M	Hispanic or Latino		195
1539362, PATIENT	11/17/1952	F	Hispanic or Latino		192
1892303, PATIENT	01/01/1988	M	Hispanic or Latino		187
1163430, PATIENT	07/18/1949	M	Hispanic or Latino		185
2248565, PATIENT	05/10/1962	F	Hispanic or Latino		163
2028045, PATIENT	07/27/1987	M	Hispanic or Latino		148
2160680, PATIENT	01/05/1983	F	Not Hispanic or Latino		117

Click on bar within chart opens patient list.

Total number of ED Visits displayed.

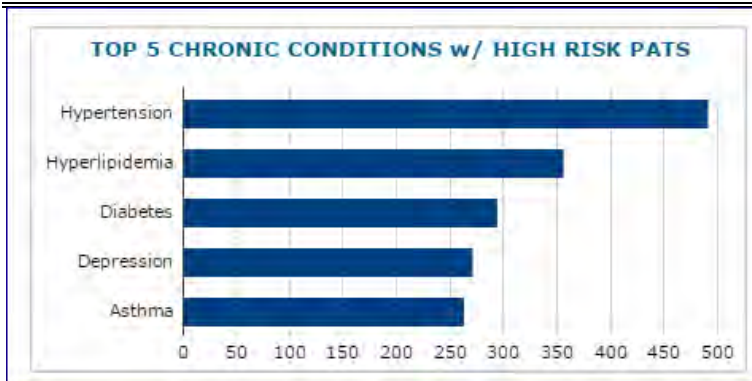
Can filter by Facility and Number of Chronic Conditions.

Displays: Name, DOB, sex and **total ED visits for that patient**.

Same column sort features, name, DOB, sex and # visits.

Dashboard User Guide

High Risk Tile



Top 5 Chronic Conditions -frequency of chronic conditions among the High-Risk patients.

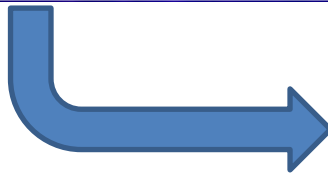
Click on bar opens patient list.

Displays: Facility with **most recent use** of that Chronic Diagnosis

Can filter by Facility and/or individual Chronic Condition.

Same column sort features, name, DOB, sex and by Facility

Export to Excel or PDF

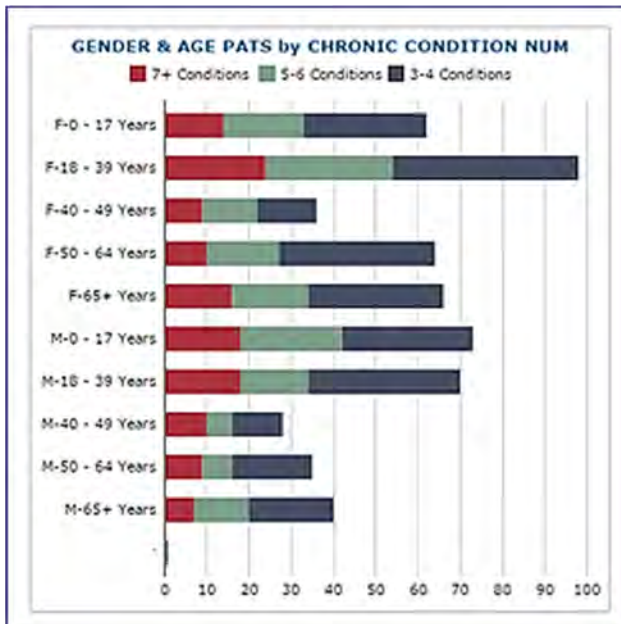


Patient List

Facility: All Values (16) [v]

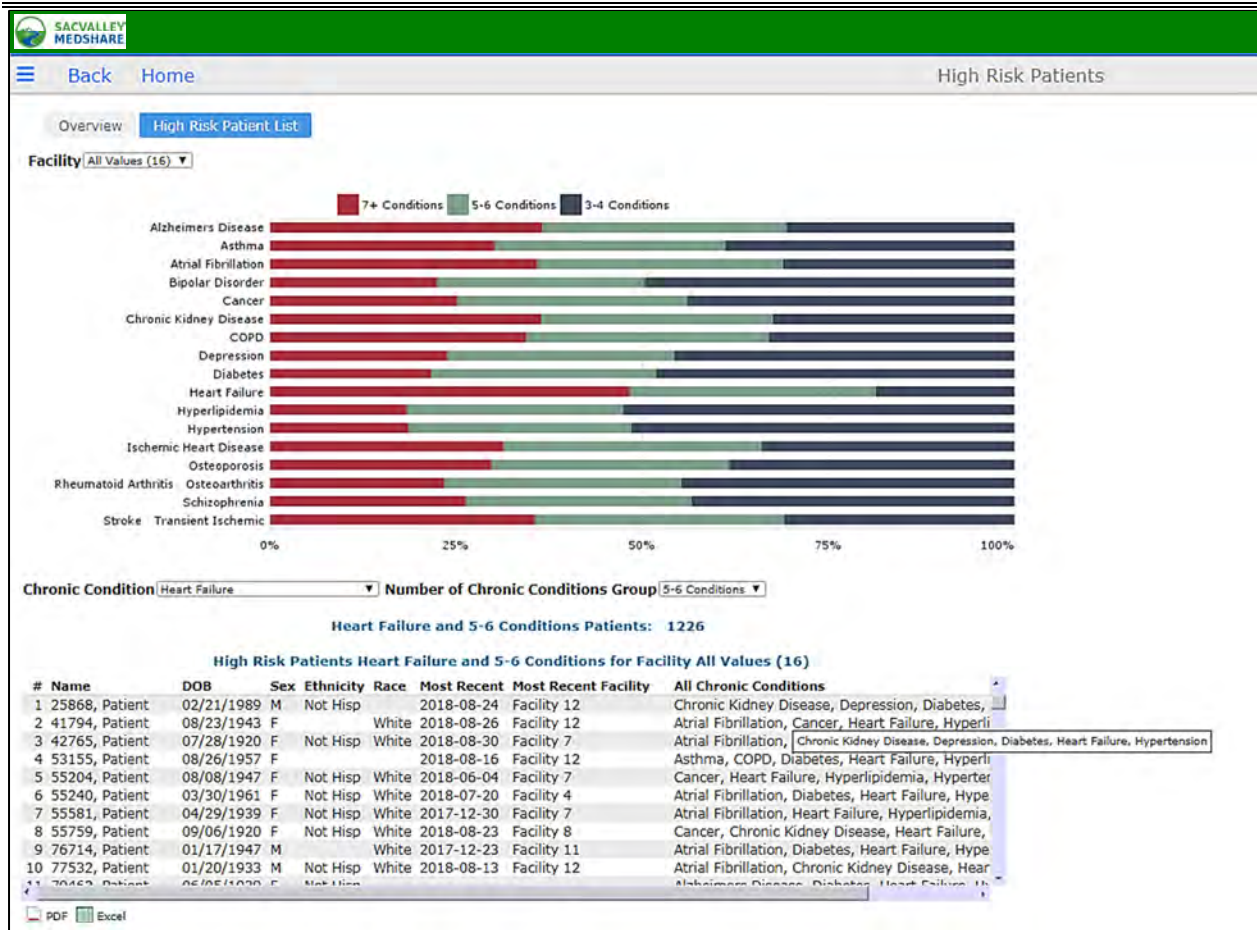
Chronic Condition: Hypertension [v]

#	Name	DOB	Sex	Ethnicity	Facility
2,598					
1	8837, Patient	11/15/1981	M	Not Hispanic or Latino	Facility 1
2	9141, Patient	5/16/1995	M	Not Hispanic or Latino	Facility 11
3	9889, Patient	1/21/1989	M	Not Hispanic or Latino	Facility 11
4	10832, Patient	8/12/1980	M	Not Hispanic or Latino	Facility 10
5	10886, Patient	9/16/1983	M	Not Hispanic or Latino	Facility 11
6	11143, Patient	1/9/1981	M	Not Hispanic or Latino	Facility 10
7	17819, Patient	11/18/1955	M	Not Hispanic or Latino	Facility 13



Gender and Age Distribution of Patients

This report adds graphic analysis of the number of chronic conditions by age and sex. Clicking on bar opens patient specific list.



High Risk Patient List

Displays distribution of chronic diseases among the High-Risk patient population. As example. For those with 7+ conditions, Heart Failure is present 50% of the time.

Selecting one of the segments in the bars automatically displays the patient list. Filters on facility, condition and number of conditions group. Same sort and export options.

Of Note: clicking on All Chronic Conditions sorts the conditions in alphabetical order.

49	774455, Patient	12/05/2013	M			2016-02-27	Facility 7	Alzheimer's Disease, Asthma, Cancer, COPD, Hyperlipidemi...
1	37776, Patient	05/01/2011	F			2016-06-30	Facility 5	Alzheimer's Disease, Asthma, Cancer, COPD, Hyperlipidemia, Hypertension
33	1909692, Patient	08/30/1979	M			2016-07-25	Facility 1	Alzheimer's Disease, Asthma, COPD, Hyperlipidemia, Hyper...
17	1750388, Patient	08/26/2005	F			2016-05-25	Facility 7	Alzheimer's Disease, Asthma, COPD, Hypertension, Osteopo...

Mouse hover displays extended list of chronic conditions.

High Risk Patients

Back Home

High Risk Patient List ED Visits Payor Breakdown

Start Month: 2018-03
End Month: 2019-03

Facility: All Values (15)

ED VISIT COUNT BY PATIENT

Name	DOB	Sex	Ethnicity	Race	Our ED Visits	All ED Visits
1 51410, PATIENT	06/10/1993	F	Not Hisp	White	0	5
2 77290, PATIENT	09/28/1972	M	Not Hisp	White	0	9
3 131988, PATIENT	04/30/1934	M	Not Hisp		0	6
4 144040, PATIENT	03/14/1978	F	Not Hisp		0	8
5 163552, PATIENT	07/09/1980	F	Central		0	10
6 168798, PATIENT	08/15/1992	F	Not Hisp		0	11
7 176021, PATIENT	09/17/1980	F	Not Hisp	White	0	5
8 180980, PATIENT	06/19/1983	F		White	0	6
9 257414, PATIENT	12/05/1965	F	NOT HISP	White	0	5
10 317827, PATIENT	05/09/1976	M	Hispanic		0	5
11 345129, PATIENT	05/18/1986	F	Not Hisp	White	0	5
12 350973, PATIENT	01/13/2000	F	Not Hisp		0	8
13 413280, PATIENT	12/08/1959	F	Not Hisp		0	26

Data display is for Rolling 12 months

ED Visit tab displays list of High-Risk Patients with number of visits. "Our ED Visit" column displays number of ED visits at client facility as part of the total ED visits. Allows sorting to select those with most ED visits for client facility and see the patients' total visits across all providers.

Facility: All Values (16)

Patient Name: 10886, PATIENT

#	Provider	Visit Date	ED Facility	Day of Week	Time of Day	Days since Prev ED Visit
1	PHYSICIAN94927, 94927 (TRRRTR@RW)	2016/11/22	Facility 3	Tue	17	140
2	PHYSICIAN95054, 95054 (TRRRQ\$^^)	2016/07/05	Facility 3	Tue	18	0
3	PHYSICIAN126259, 126259 (JA//)	2016/07/05	Facility 7	Tue	13	5
4	PHYSICIAN93999, 93999 (TRRRKRKT)	2016/06/30	Facility 3	Thu	17	0
5	PHYSICIAN126259, 126259 (JA//)	2016/06/30	Facility 7	Thu	12	20
6	PHYSICIAN91966, 91966 (RWRWRWS)	2016/06/10	Facility 3	Fri	16	0
7	PHYSICIAN126259, 126259 (JA//)	2016/06/10	Facility 7	Fri	11	7
8	PHYSICIAN91956, 91956 (RWRWS^@)	2016/06/03	Facility 3	Fri	19	0

PDF Excel

ED Patient Detail is viewed by selecting single patient from list. Detail of ED visits provided along with time and day of week frequency.

Facility: Facility 7

Pat Name: 10886, PATIENT

Diagnosis List

Diag Code	Diag Desc	Diagnosis Sequence
151.167005	Alcohol abuse	1
151.167005	Alcohol abuse	2
161.1508001	History of deep vein thrombosis	3
476.695004	Inability to cope (finding)	4
911.175	Seizure	5
409.9054008	Alteration in tissue perfusion	6

Procedure List

Proc Code	Desc
36910002	Cranlectomy
173422009	Tonsillectomy
181369003	Entire inferior vena cava (body structure)

Insurance List

Ins Name	Effective Date	Expiration Date	Based on Visit Date
2f3cd6ae0b5f3b19012ab3d0db95b53e	2016/02/21		2016/07/05

Additional Details for Single Visit is revealed by selecting line from list. **Diagnosis List and Description Procedures, and Insurance** for specific date is displayed.

ADD High Risk Payer Charts