

Training Queries (with Hint)

Find # patients for following:

1. Patients who were inpatient at HMC in 2012 and had A1C lab value between 4-6 anytime in 2012 (hint: at “any” time so not during same financial encounter for A1C)

Answer: around 2100

2. Male patients (hint: Demographic so no link) who visited UWPN in 2011 and were diagnosed with Diabetes mellitus during the visit (ICD9 code 250*) (hint: same financial encounter for all these conditions)

Answer: around 2100

3. In 2013, HMC patients who had discharge coded Dx of acute and subacute endocarditis (ICD9: 421*) (hint: same financial encounter for visit details and Dx)

Answer: around 60

*Because data is refreshed every month with a date shift, the # of results may vary

Query Tool



Query Name: A1C 4-Inpat-HMC@14:54:12

Temporal Constraint: Selected groups occur in the same financial encounter

Group 1			Group 2			Group 3		
Dates	Occurs > 0x	Exclude	Dates	Occurs > 0x	Exclude	Dates	Occurs > 0x	Exclude
Treat Independently			Occurs in Same Encounter			Occurs in Same Encounter		
A1C 4 - 6 % 4 - 6 4 - 6 4 - 6			Inpatient visit			HMC		

one or more of these **AND** one or more of these **AND** one or more of these

Run Query

Clear

Print Query

3 Groups



New Group



Query Status



Finished Query: "A1C 4-Inpat-HMC@14:54:12"

[12.1 secs]

Number of patients for "A1C 4-Inpat-HMC@14:54:12"

patient_count: 2159

Query Tool

Query Name:

Temporal Constraint:

Group 1	Group 2	Group 3
<div style="border: 1px solid #ccc; padding: 2px; font-size: 0.8em;"> Dates Occurs > 0x Exclude </div>	<div style="border: 1px solid #ccc; padding: 2px; font-size: 0.8em;"> Dates Occurs > 0x Exclude </div>	<div style="border: 1px solid #ccc; padding: 2px; font-size: 0.8em;"> Dates Occurs > 0x Exclude </div>
<div style="border: 1px solid #ccc; padding: 2px; font-size: 0.8em;"> Occurs in Same Encounter </div>	<div style="border: 1px solid #ccc; padding: 2px; font-size: 0.8em;"> Occurs in Same Encounter </div>	<div style="border: 1px solid #ccc; padding: 2px; font-size: 0.8em;"> <i>Treat Independently</i> </div>
<div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 5px;"> Diabetes mellitus </div> <div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 5px;"> UWPN </div> <div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 5px;"> Male </div> <div style="border: 1px solid #ccc; padding: 10px; text-align: center; margin-top: 20px;"> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="background-color: #90ee90; padding: 5px; border: 1px solid #333;">one or more of these</div> <div style="background-color: #4a7ebb; color: white; padding: 5px; border: 1px solid #333;">AND</div> <div style="background-color: #90ee90; padding: 5px; border: 1px solid #333;">one or more of these</div> <div style="background-color: #4a7ebb; color: white; padding: 5px; border: 1px solid #333;">AND</div> <div style="background-color: #90ee90; padding: 5px; border: 1px solid #333;">one or more of these</div> </div> </div>		

Run Query
Clear
Print Query
3 Groups

⏪
⏩
New Group
⏪
⏩

Query Status

Finished Query: "Diabe-UWPN-Male@14:57:17" [31.6 secs]

 Compute Time: 29.1 secs

Number of patients for "Diabe-UWPN-Male@14:57:17"

 patient_count: 2089

