

Secondary Use of EHR Data

Temporal Interval Abstractions

- Motivation
- Preliminary work
 - Systematic Review
 - ITHS Queries
- Some technical, some not
- Conceptual Framework
- Plan





CHF Management

History

Complains of:

- headache
- chest pain
- palpitations
- dyspnea with exertion
- orthopnea
- PND
- peripheral ed
- visual sympt
- neurologic p
- syncope
- side effects

Denies:

- headache
- chest pain
- palpitations
- dyspnea with exertion
- orthopnea

CHF Education provided to:

- Patient checking weight daily?
- Understands sodium restriction & fluid management?
- Following sodium restriction & fluid management?
- Understands medications & Rx plan?
- Consistent with medications?

Centricity Practice Solution 2006

Therapeutic Recommendations:

- 1) No Ejection Fraction documented. Enter most recent EF or consider ordering Echocardiogram.
- 2) It has been > 6 months since last set of electrolytes have been done. Consider ordering now.

Comments:

View Prior Test Results:

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Current weight: _____ pounds Height: 71 inches

Last Weight: 210 pounds Pulse rate: 66

Dry Weight: _____ pounds Pulse rhythm: _____

Respirations: _____ BP: 122 / 84 mm Hg

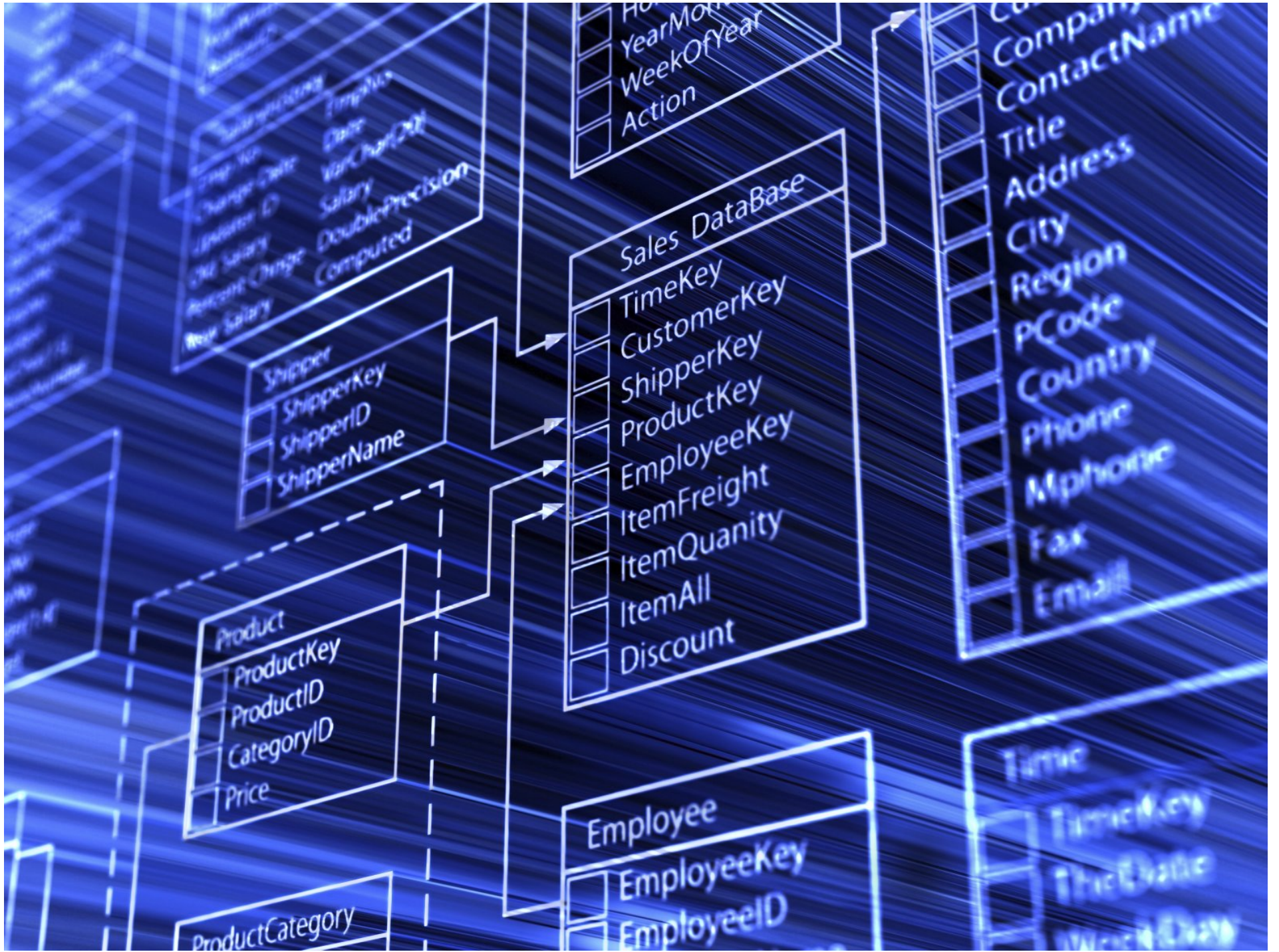
No Ejection Fraction recorded -->

Complete Medication List:

- Blank image
- Abdominal Organs
- Anatomical Landm
- Artherosclerosis D
- Asthma2
- Circulatory
- Digestive System
- Ear Anatomy

For Help, press F1

LinkLogic: Jobs = 0; Errors = 0





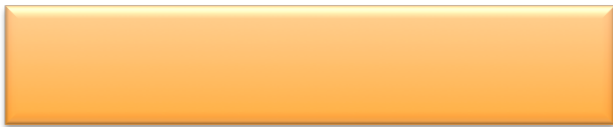




ID	Name	Result	Abnormal	DateTime
1	Total-CK	1879	Yes	2010-May-04 01:12:20
2	Creatinine	1.1	Yes	2010-May-04 01:12:20
3	BUN	17	No	2010-May-04 01:12:20
4	Creatinine	1.4	Yes	2010-May-06 13:10:20
5	BUN	25	Yes	2010-May-06 13:13:28
6	Creatinine	1.3	Yes	2010-May-08 10:09:20
7	Cretainine	1.8	Yes	2010-May-08 12:08:05
8	BUN	40	Yes	2010-May-11 06:06:40
9	Creatinine	2.9	Yes	2010-May-11 06:12:20



Creatinine



BUN



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2	Creatinine	1.1	No	2010-May-04 01:12:20
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Creatinine

Normal

Null

Start: 5/04/2010

End: 5/04/2010

Creatinine

Abnormal

Increasing

Start: 5/06/2010

End: 5/11/2010



Before



Equal



Meets



Overlaps



During

