**\* does the design address \*change\* task; how would you modify the task to make it a \*change\* task if not**

**\* how many items can the design show on a 24-inch monitor?**

**\* does it use overview+detail technique?**

**\* does it show "temporal" changes?**

**\* whether or not it introduces clutter by comparing with all other designs**

**\* is the design visually pleasing?**

The design of Kyle Boyer et al, makes sense to me. It shows temporal events and the order of encounters of each patient. Although, it is not easy to display more than 20 encounters in one screen. This method uses overview + detail technique, avoid cluttering. I’d say it is intuitive and pleasing design. I’d add an interaction that could shrink the time line when the user doesn’t want to see the details and just show the order of encounters. User can click the button again if he/she wants to see the detail time line.

Joseph Grasso, Monica Koepper, Vincent Liu, Desiree Mercure

Victor WuThis design address the task, I’d like to add an interaction that I have mentioned above to show the time line. User will see the adjacency matrix as overview and in detail level we will show the time line. So that user can select patients with similar symptoms in overview level and compare their occurrence time in detail level. This design can display up to 90 encounters in 24 inch monitor. The original design doesn’t really shoe the temporal changes but it shows the order of events. It is very colorful and visually pleasing and avoid cluttering.

Vashistha, Nallamothu, Chaudhari and Athley

The way I understand this method is that they use animation to show the temporal events and order. It is hard to compare patients and the time value is not easy to capture from the animated curves. I also do not think it use overview + detail technique and it could introduce cluttering. This design will be visually pleasing but confusing for the user.

Yorick and Abhishek

The down side of this design is it doesn’t convey the exact value. That means data visualization brakes.

It show overview but detail level is missing. It also introduces cluttering and visually not pleasing. If I were to use time line, I’d do the time line like Kyle’s design.

Campbell, Latt, Chen, and Xie

I do not think this design answers the questions of what is emerging and what is disappearing. This can cover all data in 24 inches monitor. It follows overview + detail design technique. It is a simple design and visually not pleasing.