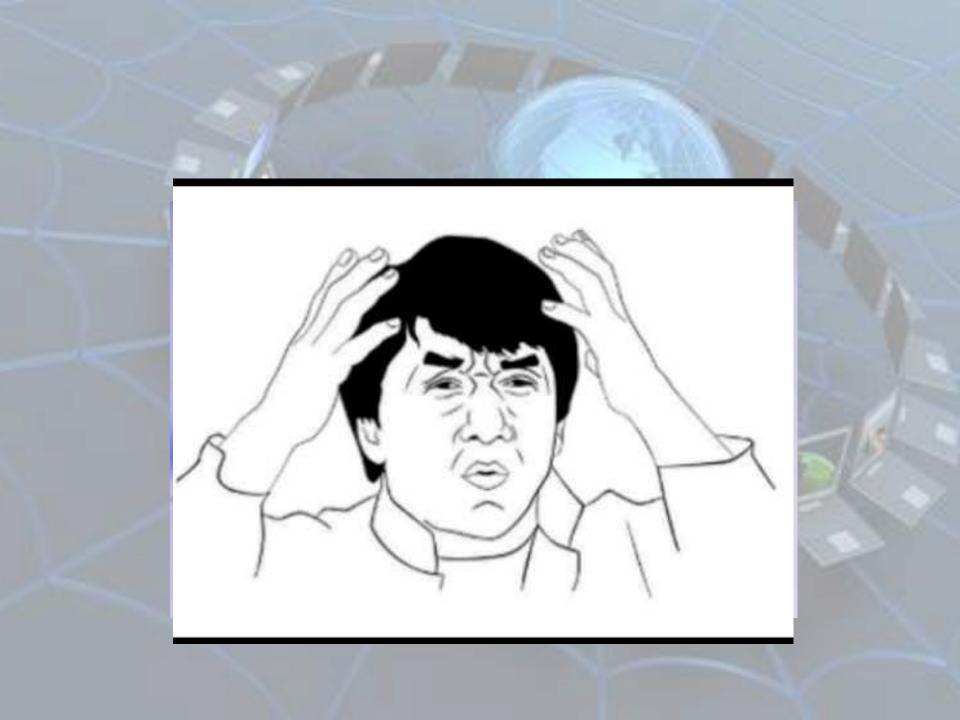
The U.S. Health Care Industry &

Clinstance - The Ultimate Clinic Check-in and Review System

Roger Chen

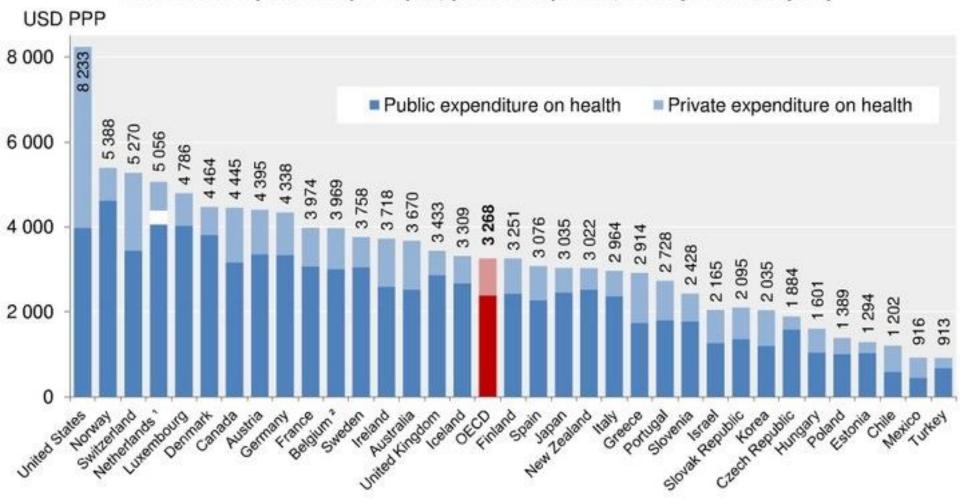


Top 10 OECD Countries by Health Expenditure Per Capita, 2013

Rank	Countries	Health Expenditure	Expenditure as a	Obesity	Life
Nalik	Countries	Per Capita	pct. of GDP	Rate	Expectancy
1	United States	\$8,713	16.40%	35.30%	78.8
2	Switzerland	\$6,325	11.10%	10.30%	82.9
3	Norway	\$5,862	8.90%	10%	81.8
4	Netherlands	\$5,131	11.10%	11.10%	81.4
5	Sweden	\$4,904	11%	11.70%	82
6	Germany	\$4,819	11%	23.60%	80.9
7	Denmark	\$4,553	10.40%	14.20%	80.4
8	Austria	\$4,553	10.10%	12.40%	81.2
9	Luxembourg	\$4,371	N/A	22.70%	81.9
10	Canada	\$4,351	25.80%	25.80%	81.5

US spends two-and-a-half times the OECD average

Total health expenditure per capita, public and private, 2010 (or nearest year)

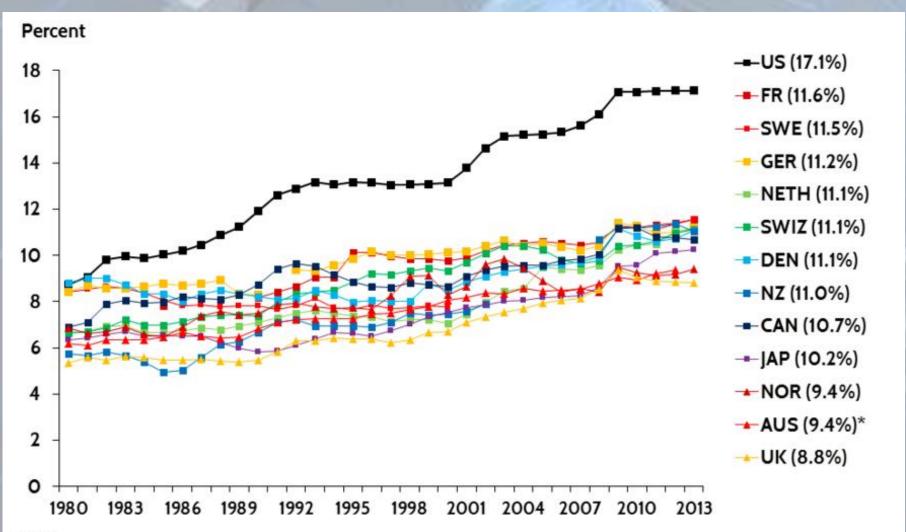


- 1. In the Netherlands, it is not possible to clearly distinguish the public and private share related to investments.
- Total expenditure excluding investments.

Information on data for Israel: http://dx.doi.org/10.1787/888932315602.

Source: OECD Health Data 2012.

Health Care Spending as a Percentage of GDP, 1980-2013



* 2012.

Notes: GDP refers to gross domestic product. Dutch and Swiss data are for current spending only, and exclude spending on capital formation of health care providers.

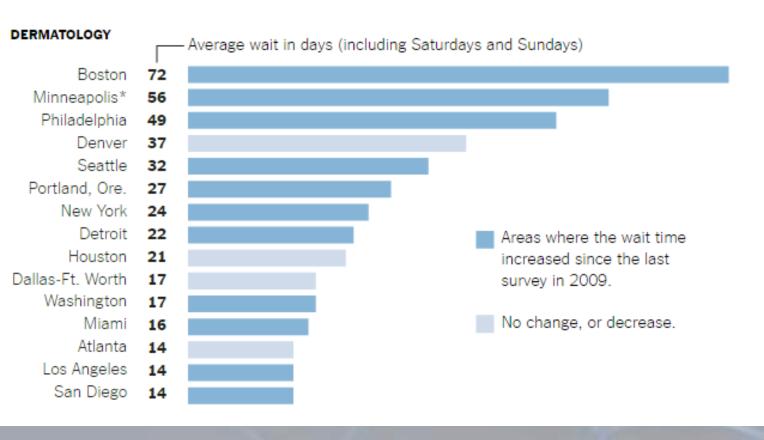
Source: OECD Health Data 2015.

This Looks Familiar to You?



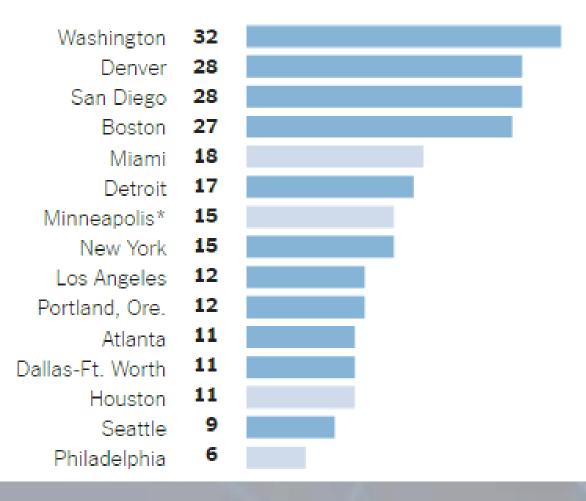
Waiting ... and Waiting ...

Average time to get five kinds of appointments for new patients in 2013, from a survey of 15 metropolitan areas.



CARDIOLOGY

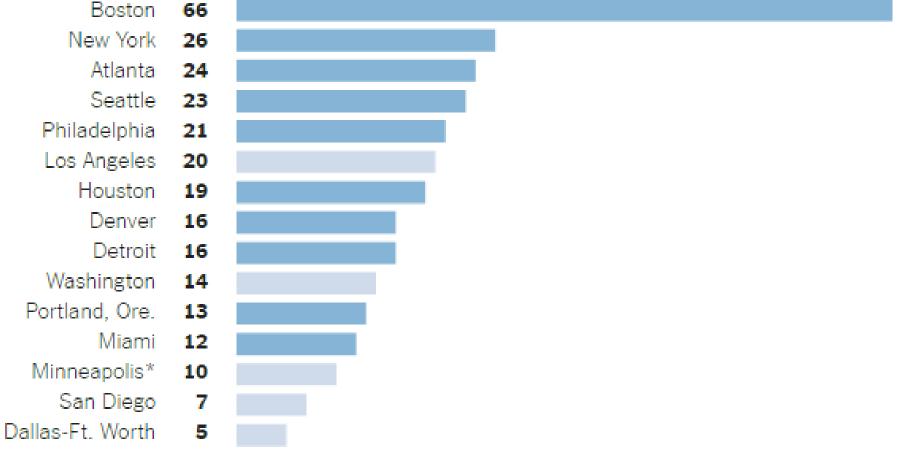
CARDIOLOGY



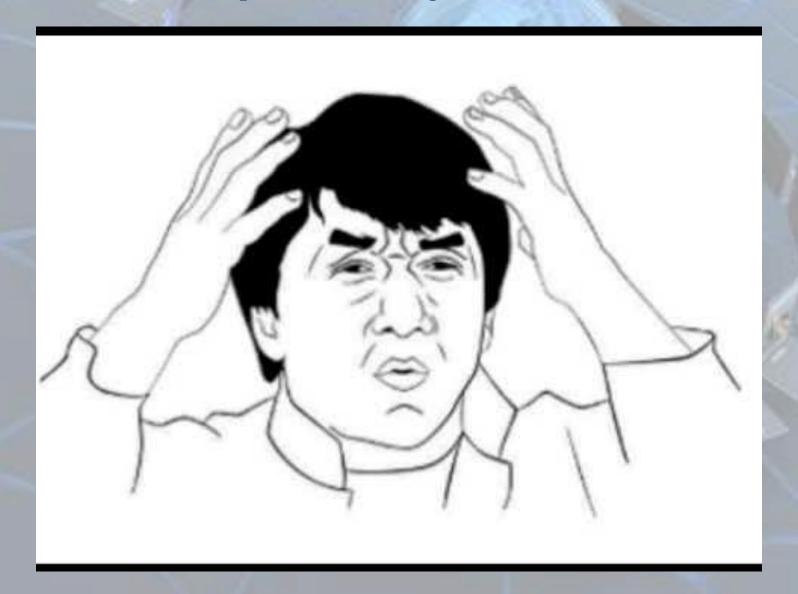
ORTHOPEDIC SURGERY

Detroit	18	
San Diego	18	
Boston	16	
Denver	15	
Washington	11	
Portland, Ore.	10	
Miami	9	
New York	9	
Dallas-Ft. Worth	8	
Los Angeles	7	
Atlanta	6	
Seattle	6	
Houston	5	
Minneapolis*	5	
Philadelphia	5	

FAMILY PRACTICE Boston 66 New York 26



Oops ... Party time ..



State-by-State ER Waiting Times



Waiting Time



 Average time patients spent in the emergency room before being seen by a doctor

Time Until Sent Home



Average time patients spent in the emergency room before being sent home

54

4	0	
5	4	

67	
5.4	

52	

\$ Broken Bone



Average time patients with broken bones had to wait before receiving pain meds

Transfer Time



Among patients admitted, additional time spent waiting before being taken to their room

Nat Avg.	24	min
Alaska	24	
Alabama	30	
Arkansas	26	
Arizona	26	
California	26	
Colorado	17	
Connecticut	27	
Dist. of Columbia	54	
Delaware	35	
Florida	23	
Georgia	30	
Hawaii	20	
Iowa	20	
Idaho	20	
Illinois	25	

135 min	
132	
127	
121	
166	
161	
139	
139	
187	
165	
145	
N/A	
128	
111	
125	
141	

nin

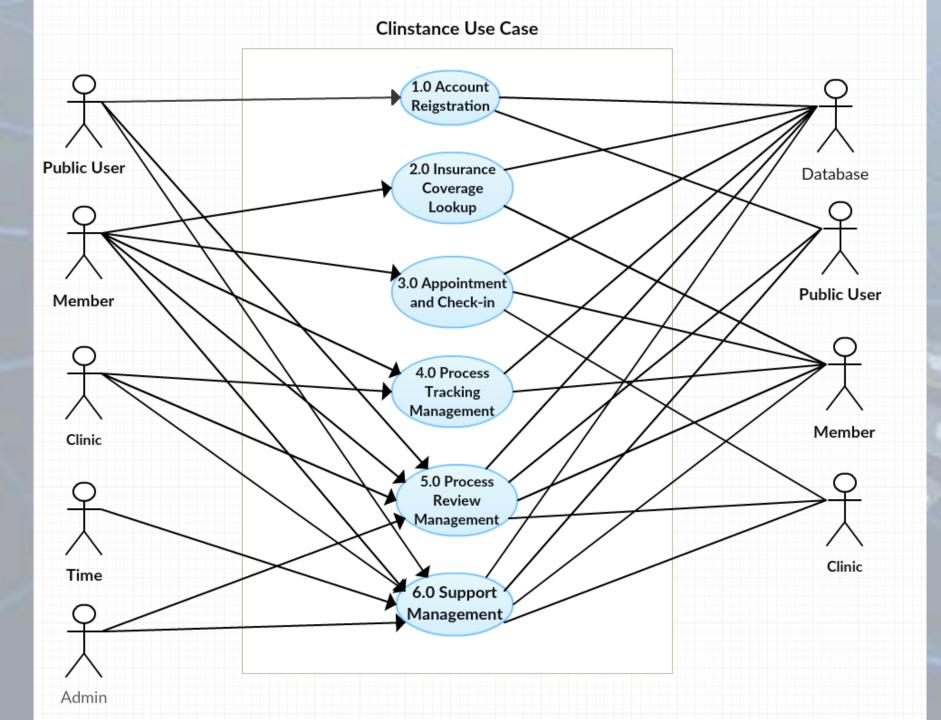
What Could be the Reasons?

- Unregulated supervision
- Unstructured process control
- Poor scheduling
- Inefficient procedure

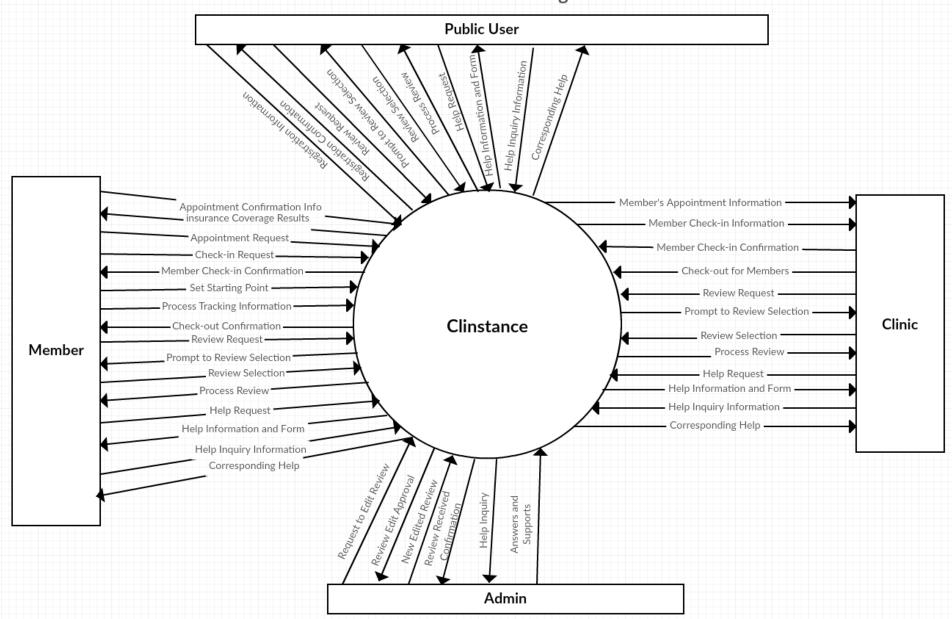


What is Clinstance?

- Clinic check-in and review system that runs on computers, tablets, and smart phones.
- Provides a platform of services for clinic/doctor reviews.
- End users: Public users, members, doctors/physicians



Clinstance Context Diagram



Questions ...



"I suspect you're getting older. Let's run an MRI to confirm my suspicions."