

Powering the Pen with Data

Joshua Tamayo-Sarver

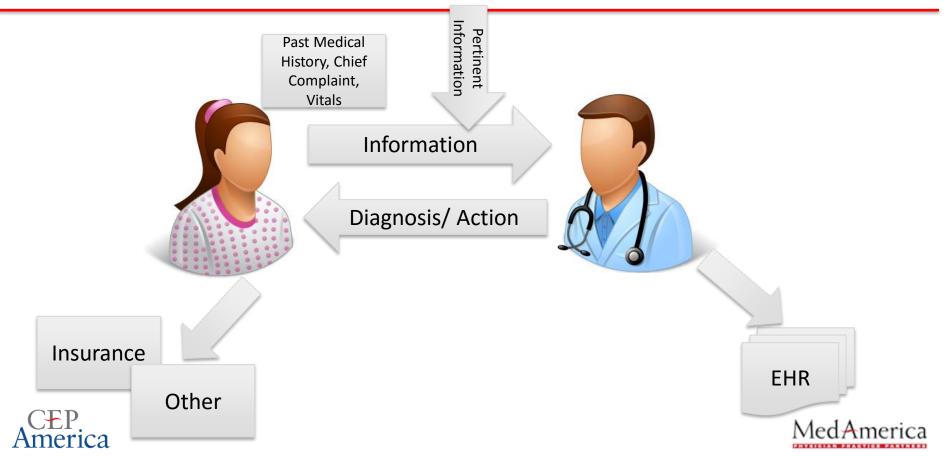




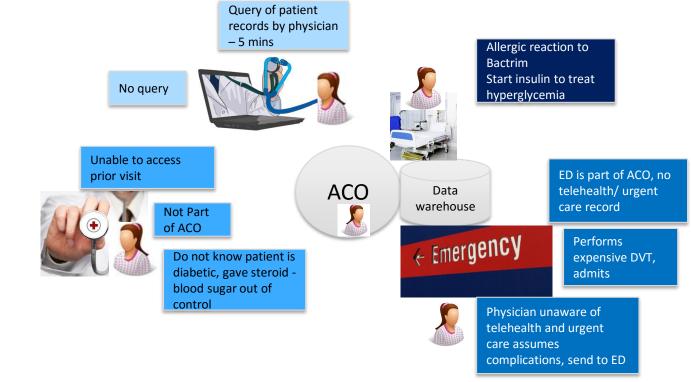
Patient Experience

 Notices redness on lower leg Gets a telehealth appt. Diagnosed with cellulitis Prescribed Keflex 	 Fatigue, malaise, light- headed Uncertain if redness is better Told to go to emergenc department 	 Redness is better Diffuse itchy rash & wheezing Stop Bactrim Y Start Benadryl & Steroids 	 Physician looks at unremarkable leg Continues with current Insulin regimen
Mon. Mon. AM PM	. Tue. Tue. AM PM	Wed. AM	Fri. 1 Week PM Later
 Not getting better Calls telehealth, told to gurgent care Diagnosed with contact Prescribed Solumedrol 	dermatitis • Blood wo high bloo • Admitteo outpatier	nd shows on DVT (blood ork shows leukocytosis,	 Discharged to home with Insulin Follow up with Primary Care Physician

Data Flow



Incomplete Data – Unnecessary Treatments





PMD notes good blood sugar control and assumes patient needs insulin now



Unaware that hyperglycemic episode was related to steroid from urgent care

Data Access







Administrative Data (Monthly) - Retrospective Clinical Data (Overnight Batch) - Retrospective Actionable Decision Support-Real Time





Information Delivered





Scrabble Word Finder



Enter up to 12 letters into the scrabble word finder, all valid scrabble words will be generated. Use up to two ? as wildcards. The quickest scrabble words finder on the net

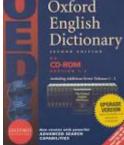




Advanced Options 41

words F	ound		
		5 Letter Scrabble Wor	ds
dhaks			
		4 Letter Scrabble Wor	ds
dags	<u>dahs</u>	daks	dash
<u>dhak</u>	gads	gash	hadj
hags	jags	shad	shag
skag			







Information to Physician



INERCOMPANY AND A CONTRACTOR	DERMAN RED	Emerald Alder OF Surgery	25-331-2010	25	14	
station with the balance	CAIT DUTHERLAND	Genburge Birch Vedical Centre	25-81-2010	15		+1 (+1%)
unRalakon-dufficiolinise	ALLISTAR BRICE	Hacduff Variew Wood QP Surgery	25-316-2010	22	10	
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Streen stabilized Allow All (2014)	PUEBEN 00114	Royal Brackle Triture Mill Health Centre	25-201-2010	20	-	
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and the scientific and the	BARTLOMEJ DONALDSON	Dalas Dhu Sycamore Karsh GP Surgery	25-316-2010	82	-	



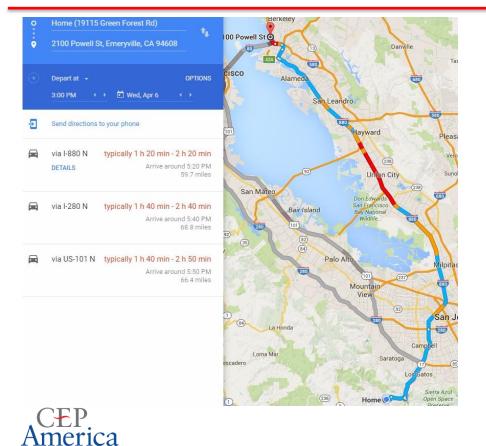
Risk Score - XX

Actionable and Manageable





Decision Support Done Right



•) 94608	
Ð	Leave now 👻	OPTIONS
Ð	Send directions to your phone	
	via I-880 N	1 h 40 min
	1 h 6 min without traffic	59.7 miles
	DETAILS	
	via US-101 N	2 h 1 min
	1 h 14 min without traffic	66.4 miles
	via I-280 N	2 h 13 min
	1 h 14 min without traffic	68.8 miles



Right Data at the Right Time

- Data sharing between all healthcare contacts
- Expert rules to push right information at the right time—before decision is made

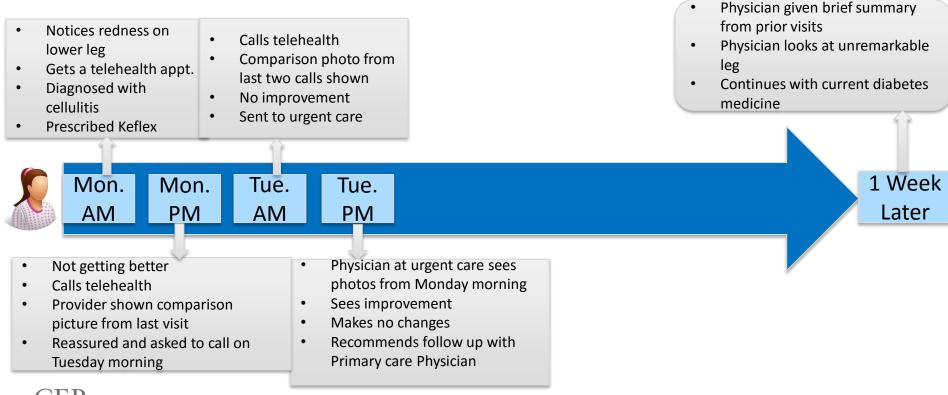


- Improved patient outcome and satisfaction
- ROI?





Integrated Care Patient Experience





Cost and Outcome difference







Contact Information



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Questions





