Improving the Use of CV Risk Calculators

One Community Health Center's Experience

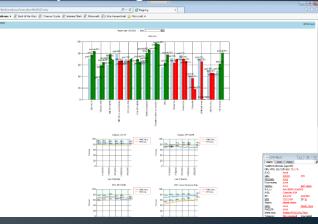
Jim Schultz, MD, MBA, FAAFP, DiMM

Clinical Decision Support Tools

• Data

- Trusted
 - validated and reproducible over time
- Delivered to the right person
- Without asking
 - No separate logon
- At the right time
 - When they are seeing the patient or during pre-visit planning
- Making it easy to act on
 - Click to take the right action
- With backup references





ASCVD Risk Calculator at Point of Care

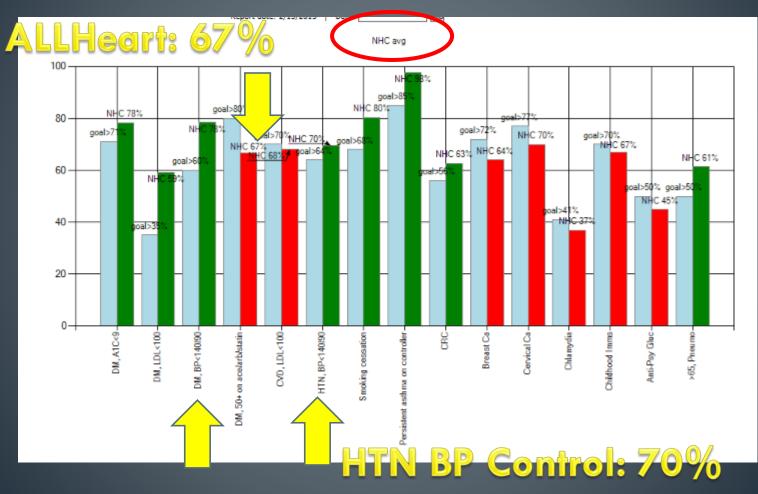
- (show eCW alerts app)
- (show related eCW alerts features eg BP, ALL)
- (show bp ranking)
- (show clinical measures bar graph)
 - ACTIVE BAR WITH REGISTRY LIST

📩 eCW Alerts	差 eCW Alerts								
Alerts Pain Stats Opps	Alerts Pain Stats Opps								
TestECW, brenda (age:65)									
DM, HTN, 10y CVD risk: 73.1 %									
110	none								
LDL:	<u>1/1/01</u>	145							
<u>Microalb:</u>	none								
Foot exam:	none								
<u>Optho:</u>	none	Ref: none							
A.L.L.:	Asa Statin Ace/Arb								
ASA:	Consider ASA								
BP:	2/21/14	210/115							
<u>BMI</u>	12/21/09	30 <u>tx</u>							
Statin:	Needs statin								
CRC:	none	Pend: none							
PHQ2/9:	none								
Imms due:	Zoster, PCV13, Flu, Tdap								
Tobacco:	Not assessed	Counseled							

Actionable eCW Alerts App

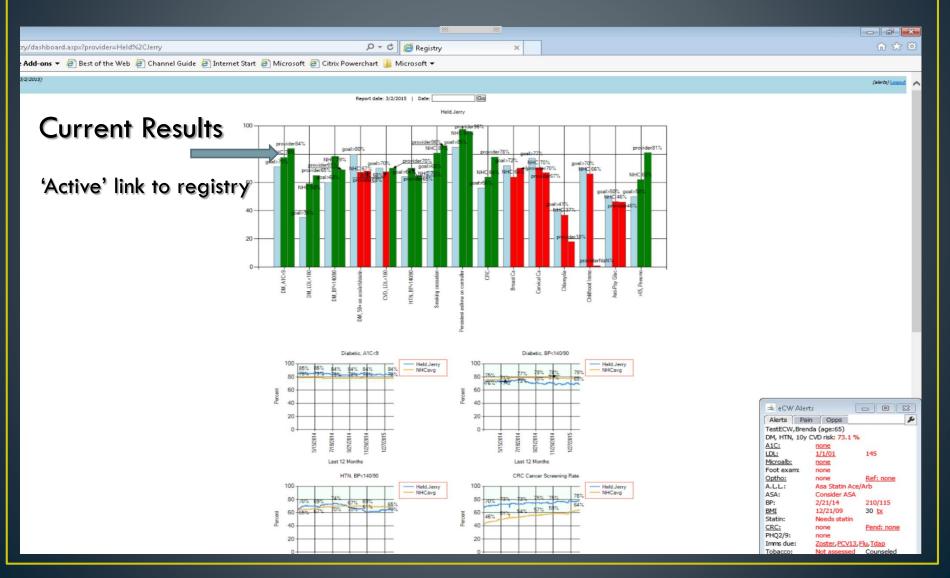
eClinicalWorks	i (Schultz, James H)				
<u>Eile Patient Sci</u>	hedule EMR Billing Beports CCD Fax ePayment Iools Co	mmunity Meaningful Use Loc <u>k</u> Help			
eClinica	alWorks ¹⁰ 🔤 💿 💿				E 🕕 S 🕖 D 😗 R 🕢 I 13 L 💋 M 2
Admin	Progress Notes				
Practice	TestECW, Brenda , 65 Y, M Sel Info Hub 🛛 Allergi	es 🖾 Billing Alert			
Resource Sche	1234 Moore St Xt 12/21/09: 90.72 kg. Escondido, CA 92025 Appt(L):03/02/15(SW)	Ins: PE Medi-cal CLICK TO EDIT Acc Bal: \$0.00	SECURE NOTES do not give controled substances Not web exabled		
₽ ₩ Bravo,Andres	Medical Summary OB Summary CDSS Alerts Labs	DI Procedures Growth Chart Imm/T.Ir	nj Encounters Patient Docs Flowsheets	Y Notes	Friend - Kelsey TesteCW 💌 Enc << V 03/02/2015 💌 >>
2	Progress Notes Scribe III Orders	Q Quick Search	د 🔻		UpToDate Go
Bravo,Ruth	ROS: ♥				Overview DRTLA History CDSS Labs/Dl Templates TestECW, Brenda 65 Y, M as of 03/02/2015
Brown,Betty	Objective:				Global Alerts
2	Vitals:		± eCW Alerts		Missed Appts Violated Pair Contract
Chen,Margaret K	Past Results: Examination: 🗢		Alerts Pain Opps	P	Violated Pain Contract Patient Discharged from Medical Sites
2	Physical Examination:		TestECW, Brenda (age:65) DM, HTN, 10y CVD risk: 73.1 %		Advance Directive
+₩ Chow,Byron				145	
0	Assessment:		Microalb: none Foot exam: none		SCANNED POLST form scanned
<u>199</u> 7	Assessment: >		Optho: none E A.L.L: Asa Statin Ace/Arb	Ref: none	Advance Directives- general
Christie,Patricia L	 Metabolic Syndrome X - 277.7 Chronic pain syndrome - 338.4 		ASA: Consider ASA	210/115	🔺 Problem List 🛛 🛛 🖬 📼
<u></u>	e chronic pair syndronic soort		BMI 12/21/09 3	30 <u>tx</u>	795.5 PPD positive
Coleson,Pamela L	PI-			Pend: none	540.9 Acute appendicitis without mention of peritonitis
2	Plan:		PHQ2/9: none Imms due: Zoster, PCV13, Flu, Tdap		381.01 Acute serous otitis media
	Treatment: Chronic pain syndrome			Counseled	278.00 Obesity
Dodge,Geraldin	Lab:Lipid Panel w/ Chol/HDL Ratio (221010)				704.01 Alopecia areata
2	Cholesterol, Total Triglycerides	225 158			277.7 Metabolic Syndrome X
Ede,Kekoa C	HDL Cholesterol	30	Updated: minutes ago	0	314.01 ADHD combined type
0	LDL Cholesterol Calc	145	oposieo, nentes ago	0	III.5 Tinea Corporis (dermatophytosis of the body)
<u>S</u>	Procedures: Immunizations:				E 625.3 Dysmenorrhea
Hastanan,Carol L	Therapeutic Injections:				112.1 Candidiasis of vulva and vagina
<u>S</u>	Diagnostic Imaging:				V20.1 Health supervision of other healthy infant or child receiving care
Miller,Jean 🖵	Lab Reports:				Salar Salar Strain Stra
	Preventive Medicine:				339.21 Acute post-traumatic headache
Registry Referrals	Next Appointment:				278.00 Obesity, unspecified
Messages	10 mm				493.90 Asthma, intermittent
Documents					
Billing	Send Print TFax Record Lock De	etails 🔻 Scan Templates 🔻 Claim	Letters Ink 🔻 💆	4 1 5 🛛	
📀 🌔	🛛 🕙 🤗 🧿	₩ 羔			🔧 - 🕄 🍽 🗐 🌜 11.58 PM

Instant Evaluation and Population Management Tools- Registry Report Cards



DM BP Control 79%

Robust Report Cards: 'Active' Comparison Bars→Registry



Robust Report Cards- Registry

					1	Filter: (insurance: (lignore)	Needs ace/arb/statin (DM, 50	+ -ALLHEART) ¥ Facility: (any) ¥ Account#:		ovider: Patel,Ra Hide Done/Supp	23	▼ § or export	earch 43 records retrieved.						
Patient	Provider	Insurance	Dx	89	ALC	ш	On Ace/Arb / Statin	Sincker : data - Counselled	Last Appt	Next Appt	#ER F/Us	ÓVD Risk	मा	Duka	Gluma	INR	Needs	Ndas	
66344	Patel, Rakesh	Medicare FQHC - El Cajon	DM, HTN	124 / 55 : 10/14/2014	6.2 : 1/29/2015	46 : 1/29/2015	N/Y	N : 10/14/2014	1/29/2015	1/6/2015	0	51.3%		0	0	1/1/00		92 yrs old.	() [Done]
5868.1	Patel,Rakesh	Medicare FQHC - El Cajon	DM, HTN, CVD	138 / 55 : 1/13/2015	8.8:1/13/2015	71:1/13/2015	N/Y	N: 1/13/2015	1/14/2015	2/23/2015	1	40.8%	1/2015:pos	1	168	1/1/00	pneumo		() (Done)
01696.1	Patel, Rakesh	CHG Medi-Cal El Cajon	DM, HTN	92 / 31 : 1/30/2015	9.7 : 1/23/2015	112:1/23/2015	N/Y	N : 1/30/2015 - N	1/30/2015	2/19/2015	0	38.2%	6/2013:neg	0	0	1/1/00		not a candidate for ace, will r/s iform about lab	() (Done)
8833.1	Patel, Rakesh	Medicare FQHC - El Cajon	ОМ	104 / 51 : 1/2/2015	6.8 : 9/4/2014	55 : 1/15/2014	N/Y	N: 1/2/2015	1/2/2015	7/18/2014	0	38%		0	0	1/1/00	pneumo,LDL	not a candidate for ace.	() (Done)
6473.1	Patel, Rakesh		DM, HTN	155 / 87 : 1/28/2015	10:6/5/2014	179 : 6/5/2014	N/N	N : 6/5/2014	1/28/2015		0	36,4%	2/2014:neg	1	0	1/1/00	AICLUL		() (Done)
31647	Patel,Rakesh	Medicare FQHC - El Cajon	ОМ	118 / 60 : 4/18/2014	9.7 : 4/7/2014	92 : 9/23/2013	N/Y	N : 4/18/2014	4/18/2014	1/30/2015	0	32.1%		0	0	1/1/00	AICLUL		() (Done)
8524.1	Patel,Rakesh	Communicare MEDICARE HMO	DM, HTN	129 / 71 : 11/10/2014	7.9 : 10/13/2014	69:6/30/2014	N/Y	N: 11/10/2014	11/10/2014	11/10/2014	0	24.8%		0	0	1/1/00	AIC		() (Done)
05614.1	Patel, Rakesh	Medicare FQHC - El Cajon	DM, HTN	123 / 71 : 10/20/2014	9:9/29/2014	89 : 9/29/2014	N/Y	Y: 10/2/2014 - 10/02/2014	10/20/2014	10/20/2014	0	22.9%	8/2013:neg	1	0	1/6/11	AIC	fip vist	() (Done)
44836	Patel, Rakesh	Molina Medi-Cal El Cajon	DM, HTN, CVD	140 / 74 : 9/15/2014	7.8:1/30/2015	103 : 11/17/2014	N/Y	N : 9/15/2014	1/30/2015	2/26/2015	0	21.5%	11/2014:neg	0	0	1/1/00	8P	will schedule 1/20/15	() (Done)
													0/3011-665						

		(3)	
<u>BP</u>	AIC	LOL	On Ace/Arb / Statin
124 / 55 : 10/14/2014	6.2 : 1/29/2015	46:1/29/2015	N/Y
138 / 55 : 1/13/2015	8.8:1/13/2015	71:1/13/2015	N/Y
92 / 31 : 1/30/2015	9.7:1/23/2015	112:1/23/2015	N/Y
104 / 51 : 1/2/3015	6.8:9/4/2014	55:1/15/2014	N/Y
155 / 87 : 1/28/2 15	10:6/5/2014	179:6/5/2014	N/N
118 / 60 : 4/18/2014	9.7 : 4/7/2014	92 : 9/23/2013	N/Y
1297 71:11/10/2014	7.9:10/13/2014	69:6/30/2014	N/Y
123 / 71 : 10/20/2014	9:9/29/2014	89:9/29/2014	N/Y

Registry Notes

014	N/Y	Y : 11/11/2014 - 05/14/2014	11/11/2014	11/11/2014	0	17.3%	5/20
201		Patient I	Details				20
014	Suppress for:	_	Note				20
014	(not suppressed) 1 week		Appt. 0:	1/12/2015		^	2.7
014	2 weeks 1 month						20
201	3 months 6 months	OK Cs	incel				20
14	1 year	(: 11/3/2014	11/4/2014	11/3/2014	1	12%	Pen
14	Forever	N : 1/28/2015	1/28/2015	3/11/2015	0	1296	9/20
015	Y/N	Y : 1/20/2015 - 08/22/2014	1/20/2015	4/22/2015	0	11.7%	Pen

Clinical Decision Support Tools

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Geeky Stuff

- Alerts App Tech:
 - 'Simple' SQL programming
 - Access to data tables (we own the data)
 - Contractual issue
 - Optional report server
 - Secure, high bandwidth connection to data tables



