PPC 2: PATIENT TRACKING AND REGISTRY FUNCTIONS

Element F: Use of Systems for Population Management

Item 1: Patients needing pre-visit planning

At the start of every afternoon session, an appointment slot is blocked for team huddles. During the huddle, teams pre-visit plan for afternoon patients and any patients with appointments the next morning. The following table is a tool to help staff identify pre-visit planning tasks in order to facilitate their appointments.

Huddle	Same Day Patient	Tasks that are due	Managing Flow	Managing Demand	Planned Care:	Chart Retirement	Huddle Leadership
Goal:	Needs				Registries		
					Immunization,		
					Prenatal		
	Look for opportunities	Discuss with	Know potential	Review schedule for	Coordinate planned	Assist MA in entry	Assure huddle
	to provide nursing	provider questions	places for double	opportunities to off	care needs w/ECS &	of HM data	occurs and is
	support (i.e.,	related to future	books if necessary.	load patient appt to	clinician (ORDC		productive.
	education for asthma	tasks.	Communicate acute	nurse visits. Review	Question: what is		
	pts). Present		pod factors to team	future schedule to	new nurse role in		
e e	complicated triage to		and plan for	communicate	planned care		
Nurse	provider. Task front		response and	identified demand	delivery?). Share		
Z	desk when help is		communicate to all	issues and plan for	outcomes data		
	needed. Support MA		necessary personal	management of	w/team.		
	identified areas of		(i.e. GV coverage,	issues.			
	need.		equipment failure,				
			IT issues, staff				
			shortages, etc.)				

	Set up procedures,	Anticipate	Identify	Review registry	Review registries	Identify charts for	Communicate
	identify (w/provider)	(w/provider) future	(w/clinician)	(w/clinician) to	each week with	which MA can do	concerns directly to
	missing results/reports	tasks for current day	possible pt	identify patients	clinician. Review	data entry	team members;
	needed for current	pts (e.g., usual FU		who need appts; task	pain registry to	data enti y	remind clinician of
		1 ()	bottlenecks (e.g., pts		1 0 1		
	visit and task OT to	visits for PP, WCC,	having special	to OT to schedule.	assure timely and		special
	obtain, assure cancer	NB, delayed immz;	needs) and devise	Look at two-week	appropriate med		circumstances;
	screening forms	med RFs that will be	mgmt plan (w/NTM,	extended schedule	RFs.		perform huddle
	available, educational	needed;). Ask	clinician & ECS).	weekly to assure			tasks even in
	forms in chart for	appropriate staff to	Anticipate doing	accuracy (e.g., is			absence of clinician
.	OBs, WCCs	help call recalls if	labs or immz.s	provider on-call or			
Back up	Review PCP	needed (i.e.,	before provider sees	taking PTO?).			
X	assignment & look for	scheduler, office	pt. Check with	Coordinate internal			
Ř	opportunities to trade	techs) Share med	clinician re:	referrals.			
	patients to their PCP.	RF requests	particular info				
	Check immzs	w/clinician	he/she wants to see				
	(w/provider).	(preferably to	entered in EMR.				
	Anticipate	approve for 12	Review scheduled				
	(w/provider)	months). Share task	procedures to assure				
	planned/preventive	clarifications	that all rooms and				
	care needs. Release of	w/clinician.	equipment are				
	information		reserved.				
	authorization form for						
	new patients.						
	Be sure all unretired	Assure that all charts	Bring rejected	Print 2 week	Assist with	Assure stickers are on	
	charts are in pods.	requested by pod	release of records	schedules for review	organization of the	that all charts have Ne	extGen Transition
S	Assure all loose	staff are available by	for provider review.	at huddle time to	papers in the charts	sheets. Send charts to	
010	documents are data	huddle.	Return to the	anticipate demand	to assure all chart	retired by provider. A	
\ \ \	entered prior to pt		provider all	needs	are orderly and	charts do not come to	huddle. Data enter
=	visit. For all OB charts		incomplete data		easily reviewed.		en Transition sheets as
ica 	that need faxed, verify		entry results.			needed.	
Medical Records	all OB labs are data						
Σ	entered, and if not						
	entered, take to the						
	pod for data entry.						

Provider	Review patients coming in. Help nurse and back up strategize flow and anticipate patients needs. Request ER or lab reports as necessary for office tech to request. Let office techs and nurse know of any potentials for double books if absolutely necessary. Review PCP assignments, look for opportunities to trade patients to their PCP. Review OB charts. Review charts for missing info (labs, history and reports). Look at referrals to outside sources to put in referral to RCM	Bring any task questions to the CHC-Al Team for clarification.	Identify patients that require a lot of time (elderly, patients who always have multiple complaints).EG: Strategize ways to get history with MA, get refills done, perhaps see next patient before if here early and has quick.needs. Let office techs and nurse know of any potentials for double books.	Look for opportunities to create capacity (a patient that will have a very quick appointment and could be double booked) Double check for blockings for vacations, meetings, on-call one and two weeks out are accurate and communicate if changes needed.	Review a different registry each week. Look for patients who need to be seen vs. patients who need phone calls. Check that medications are refilled, Request pt be called patient if unsure. Identify patients who need self management goals and hand off to ECS. For recurrent problems, refer to site peer review. Need legible and complete notes to be able to anticipate needs. Identify new and follow up diabetics to be scheduled for anticipate needs.	Identify charts to be retired on a daily and weekly basis.	See Back-up, above. Arrive on time and participate in huddle daily
	Review OB charts. Review charts for missing info (labs, history and reports). Look at referrals to outside sources to put				review. Need legible and complete notes to be able to anticipate needs. Identify new and follow up diabetics		
					fasting lipids (need annually). Look at referrals to outside sources to put in referral to RCM		

Office Techs	Update pt address/phone as needed. Review patient discounts and update as needed. Review patient appts and determine all appts that will need paperwork distributed at time of check-in (e.g. asthma questionnaires, registration form, records release forms for new pts, etc.) Review schedule for chronic no show/late pts and inform provider of pt issue.	Bring any task questions to the CHC-A Team for clarification. Solicit any work from providers. OT to make sure that they sent no-show letters from previous session.	Alert provider of pts scheduled that are chronic no shows, chronic late patients or patients who are traditionally disruptive or disrespectful. Inform team of any concerns that came up with reminder calls day before. Communicate with team to anticipate any special needs for scheduled group visits.	Communicate with, M During call backs rem	the day for unbooked appt slots and high acuity schedule. A, COM and NTM to strategize management of supply and demand. a pind pts to bring in meds and immunization records.
ECS	Review schedule ahead of huddle time. Know which patients you need to discuss with team. eg: Chronic care, OB and high risk patients.	Discuss urgent, same day tasks with Team.	Review coverage issues, group visit coverage, scheduling conflicts. Remind about availability of CMs/BHPs going in to see patients before PCP when backlogged.	Review for teams, on a regular basis, variety of options for when to use CMs/BHPs. Review with Team OB patients who have delivered.	Identify planned care patients coming in that day. Review CDSMPand other ECS group schedules and patient referral criteria and recruit from daily schedules.

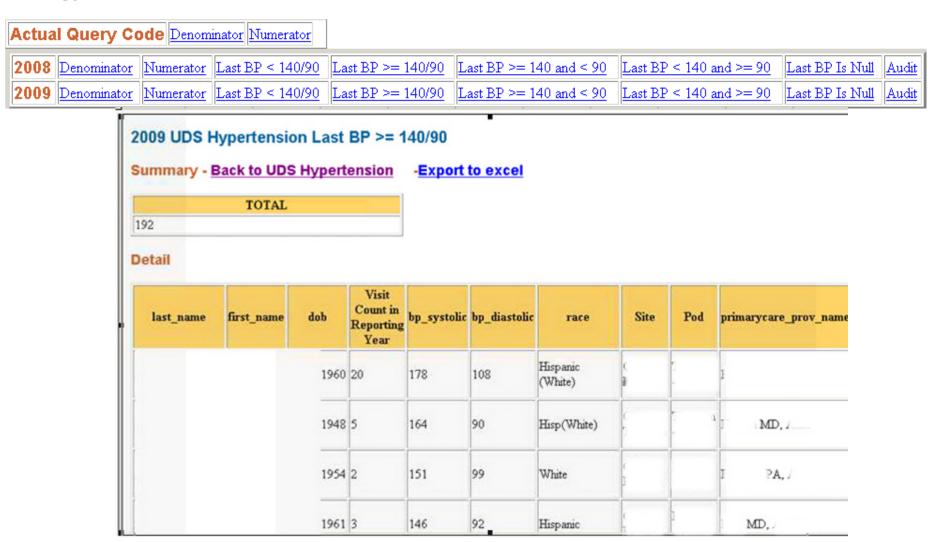
	Look at people who need to be screened this day. Give Z-pay status information to provider to help encourage patient to	Consider using to track patients rescreening dates. Then this can be done before expiration and	Manage screening schedule to be sure that patients are screened appropriately. Strategize what to	Consider offering patients to be prescreened over the phone or mail in info. Look ahead at pre-books and verify	Prescreen for group visits. Put registered patients into recall systems.	
Financial Screener	finish screening. Provider to inform F.S. when the patient needs help getting financial information. Prepare any rate sheets that can be identified ahead of time. Share problem patients with the rest of the pod. Look for difficult patients or chronic no- show patients who might be seen and who could use help with screening. Bring list of paycodes.	decrease time spent on Z-pay.	do if other pods need screener coverage. Which patients must be screened-how will we get them done as a minimum.	they are coming in. Consider group FS visits for high demand times, such as August school physicals, flu season. Strategically control number of new patients that can be accommodated by the clinic.		
RCM	Review the schedule and notify the CHC-A/ops team on pod if need to meet with scheduled pt. Give papers to MA/Front Desk that patient needs to sign. Notify provider of patients that chronic no show for referrals. Review with FS Dept or Front Desk if pt data is not up to date (e.g. paycode).	Notify providers when closing a referral because of lack of pt compliance or unable to locate a referral provider for services.	If bottle necks are present, let the office techs know that you could see the patient before the provider to optimize use of wait time.	Notify team of any changes in status for outside resources, ie: imaging.	Attend group visits if appropriate. Use the op referrals, perhaps bring eye specialists to the f	
Everyo ne	Communicate directly; s to problem-solve and set		esses; come prepared			
		"EDUCAT	ING OURSELVES AF	BOUT WHAT OUR PA	ATIENTS WANT AND NEED!"	1

Item 2: Patients needing clinician review or action

CHC-A has many population management tools that are used throughout the organization to help patients get the services they need. The following audit tools are used to contact patients who need certain services:

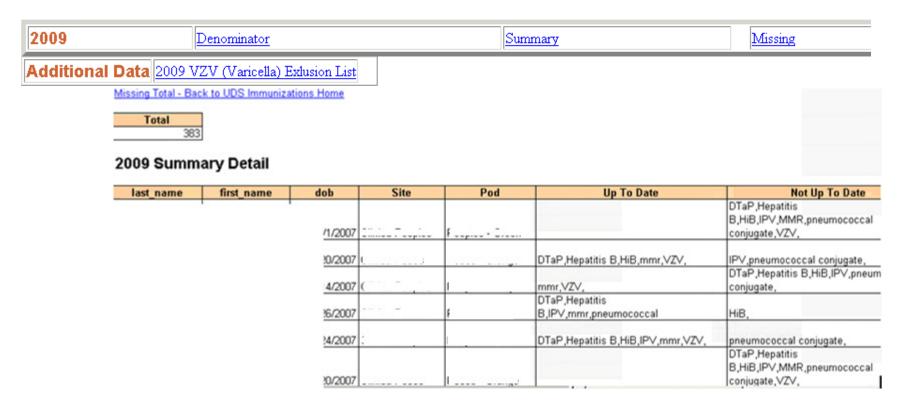
1. List of patients with hypertension whose last blood pressure was greater than 140 over 90

UDS Hypertension Measures



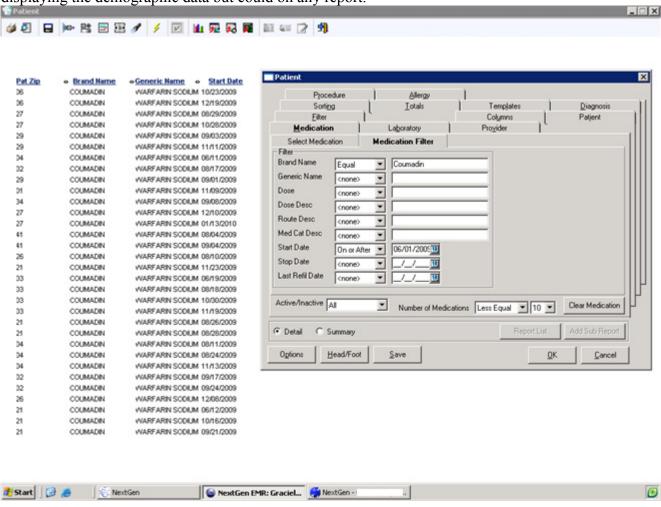
2. List of patients in need of certain immunizations

UDS Childhood Immunizations Measures

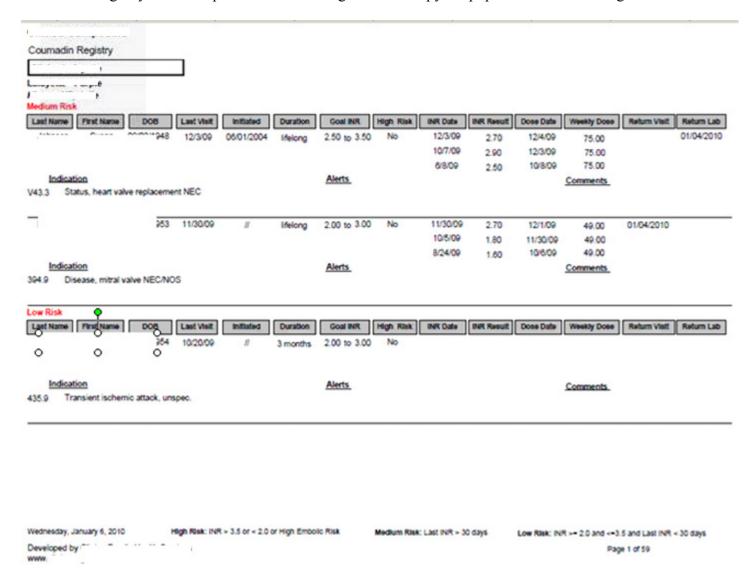


Item 3: Patients on a particular medication

We can run a list of any patient on any medication including active medications or inactive (hx of use of the medication) using the EHR reporting tool in NextGen. The following screen shot is a report of all patients who started Coumadin after 6/1/09. I am not displaying the demographic data but could on any report.



We also have a registry of all our patients on anti-coagulation therapy for population based management.



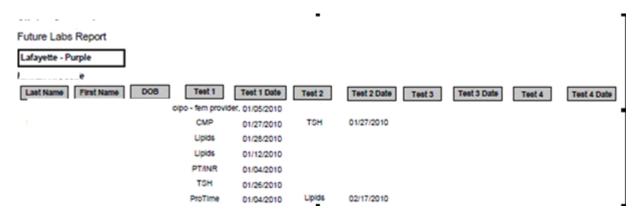
Item 4: Patients needing reminders for preventive care

UDS PAP Measures

CHC-A has a list of patients who have not received a pap test in the last 3 years that can be run by each site to make sure women have an up-to-date pap test.

Item 5: Patients need reminders for specific tests

We have a report that allows us to call patients about future labs coming up in the next 30 days.



Item 6: Patients needing reminders for follow-up visits such as for a chronic condition

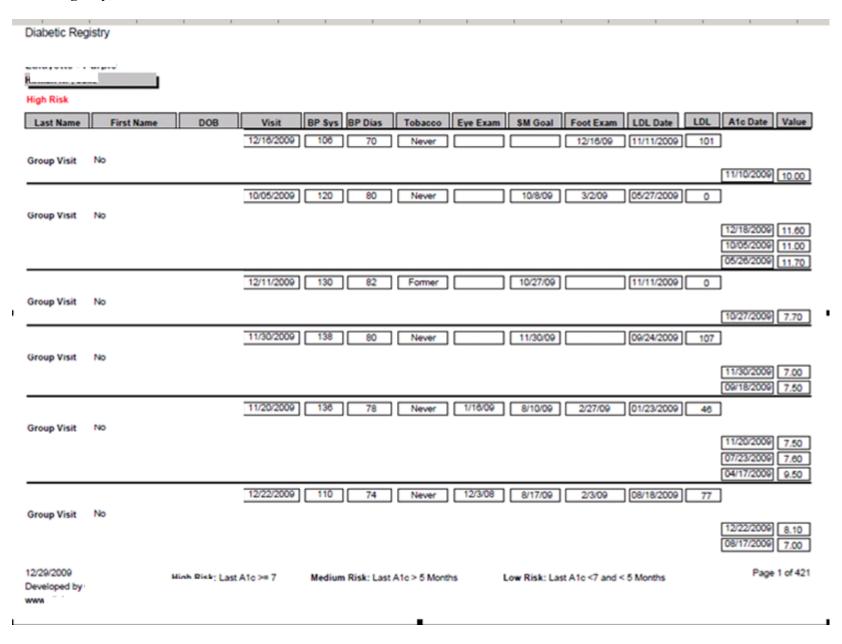
CHC-Ally Important Conditions Registries and Workflows

CHC-A Planned Care Registries were developed to create a proactive system of care designed to best address our patients and conditions. We also wanted to create a system of care that aligns everything towards a common aim. We have used the Plan-Do-Study-Act (PDSA) quality framework to implement the registries and workflows at each of our four sites.

The planned care registries pull data directly from our Electronic Health Record (EHR). In the EHR, we have developed templates for each of our planned care conditions that help guide the patient team through a patient visit using evidence based standards of care.

The workflows for each of the planned care conditions were developed in our Office Redesign Committee, spearheaded by a Provider Champion for each condition.

Diabetes Registry, Workflow and Ruler:



Diabetes Registry Workflow

Aim: To provide quality evidence-based care to our patients with Diabetes.

Aim: To maintain a comprehensive and accurate registry of our patients with Diabetes in order to perform appropriate and timely care.

Diabetes Registry	Average A1c	% of patients with	% of patients with last BP < 130/80	% of patients are	% of patients have an annual foot exam	% of patients with an annual self-
Measures:	% of patients have A1cs < 7%	two A1cs in the last 12 months	% of patients with last LDL < 100	current smokers	% of patients have an annual eye exam	management goal documented

			Act	ions							
Operations	Print off Diabetes registry and workflow the first Tuesday of every month. Review registry for last visit, blood pressure, eye exam, foot exam, lipids, and A1c. Visit Blood Pressure Eve Exam Foot Exam Lipids A1c										
	Visit	Blood Pressure	Eye Exam	Foot Exam	Lipids	A1c					
Front Desk	If more than six months, make appointment. Otherwise, review Blood Pressure, Lipids and A1c for follow-up guidelines.	If blood pressure <130/80 use other risk factors to determine follow up needs. If BP Systolic is >130 or BP Dyastolic is >80 follow up at least every month.	Add patients without eye exam in the last 12 months to wait list for eye clinic. Contact patient when slot opens with date of clinic.	If no foot exam in the last 12 months, schedule an appointment.	If LDL <100 use other risk factors to determine follow up needs. If LDL >100 but <130 follow up should be at least every three months. If LDL >130 follow up should be at least once a month.	If Hgb A1c > 9, follow up every month. If Hgb A1c > 7 but < 9 follow up should be at least every 3 months. If HgbA1c < 7 follow up should be every three to six months					
		isk stratification, tobacc /sheet, CM will open N eport.									
	Tobacco	Self-Management		Group	Visits						
Case Manager	If current smoker, review for tobacco cessation counseling. Advise patient to quit at next contact.	Monitor patients on registry for annual goal. Responsible for connecting with patient to set goal when in for a visit.	doing the following: Determine provider Denise's schedule Coordinate with NT BHP schedule available	r availability availability TM on support staff ava	•	oup visits for pod by					
Provider		et every visit and enter OGE. Provide information		registry for any patier	nts for which there are	concerns and					
MA	Review the flowshee	et every visit and enter	any new data. Respor	nsible for patients on re	egistry who are in for v	isit today.					

Nurse

Reviews copy of registry given by CM to ensure all follow-up has been completed and is accurate.

Last Name	First Name	DOB	Visit	BP Syst	BP Dias	Tobacco	Eye Exam	SM Goal	Foot Exam	LDL Date	LDL	A1c Date	Value
	iabete nned C Ruler		If more than six months, make appt. Otherwise, see BP, LDL & A1c rules	If above 130, appt every month	If above 80, appt every month	If current smoker, CM to review for Tobacco Cessation counselin g	If not within one year, put on list for DM Eye Exam GV	If not within one year, CM to set goal with patient	If not within one year, make appt	If not within one year, make appt	If above 130, appt every month. If 100- 130, appt every 3 month s	If not within 3 months, make appt (6 months okay if last value less than 7.0)	If above 9, appt every month. If 7.0 - 9.0, appt every 3 months . If below 7.0, appt every 6 months

Prenatal Registry and Workflow:

Last Name First Name	DOB	Last Visit	EDD	Wks at	PN+	Primary	Preg End	Preg End	Current	СР	Risk	High Risk Problems
THA NAME		Last Tisk	200	Visit		Insurance	Date	Туре	Wks Gest		Level	riigii rusk i rooteins
		11/22/09	12/5/09	38	No	Charles F Slid			43		2	Preterm or postdates delivery, prior
Antenatal Management Plan:	regin		led for 10/			09 pt arrived to t at that time als			wed			
Antenatal Management Plan:	post-		12/7/09 NST: indu		k if pt willin	N Slic	vorable today	,	43		2	
		12/1/09	12/16/09	37		Medicaid FQ	12/2/2009	Delivered	42	Υ	2	Abortion, previous, 2r trimester
Antenatal Management Plan:		ational HTN (9 eline 24 hr urin		nel, previo	us PIH 6/0	9 WNL KF						Alcohol or illicit drug dependence
Antenatal Management Plan:		12/21/09 ecords from pr posterior witho	evious pro	vider - pel		Medicaid FQ empleted and po 3/09	roven to 6lb6	oz and placen	40 ita			
	Pt wo 10/20		astfeed, ha	d trouble	w/ previou	s child, would l	ke additional	support.				
	11/12	2/09 tubal form	sinned an	d sent to	med recs							

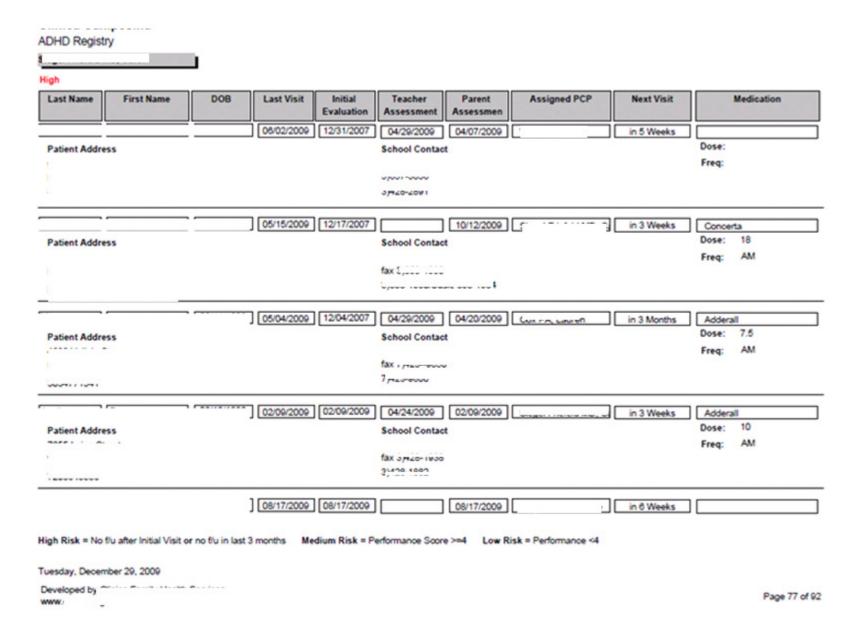
Prenatal Registry Workflow

Aim: To provide quality evidence-based care to our prenatal patients.

Aim: To maintain a comprehensive and accurate registry of our patients who are pregnant in order to perform appropriate and timely care.

	•		· · · · · · · · · · · · · · · · · · ·		· · · · ·	,			
	% low birth weight	% pregnant teens	% breastfeeding at delivery	% of prenatal patients who smoke	% of smokers who quit	% of smokers who quit and decreased			
Prenatal Registry Measures/Goals:	% entry of care in 1st trimester	% post partum return	% of prenatal patients who use ETOH	% of prenatal patients who use drugs	% of prenatal patients with nutritional risk	% of prenatal patients with psychosocial risk			
	% entry of care in 3rd trimester	% infant return	% of ETOH users who quit	% of drug users who quit	% of with nutritional risk resolved	% of with psychosocial risk resolved			
			A	ctions					
	*All	staff who learn of a tern	ned pregnancy are resp	onsible for notifying th	eir Pod Case Manager v	via a task			
Operations	Print off Prenatal registry and workflow the first and third Tuesday of every month. COMs give registry to front desk.								
	Scheduling			entation		rt Steps			
Front Desk	Front desk reviews last schedules an OB appoi gestational age. Note: lage is located on the la registry printout calcula registry is printed. to 28 weeks—OB apt e • 28-36 weeks—OB apt Compare patient name Pregnancy list and will Pregnancy patients.	ntment based on Patient's gestational st column of the ted up to the day the • Up very 4 weeks every 2 weeks every week with Centering not call Centering	unable to reach patient Document all contact a in the telephone comm NextGen.	message, scheduled two attempts over two be different times of the and then send a letter if after two attempts. ttempts and letters sent unication template in	Give registry to the floor BHP after all patients have been reviewed and/or contact attempts have been made and documented.				
		•		Review with Pod Provide					
	Pt Lost to Contact	Prenatal Plus	Centering	Risk Level	Delivered	Term Date			
Case Manager	CM to team up with Front Desk to determine any other ways to contact patient within HIPAA guidelines.	If column blank, CM to audit patient chart and document PN+ status of patient in PN+ template. If patient is PN+, CM responsible flagging PN+ status on sticky note in chart and for seeing patient at their next visit.	CM responsible for checking Centering box on every patient in a Centering group.	CM responsible for documenting risk factors on risk assessment template, related to substance abuse, smoking, nutrition and psychosocial risk factors.	CM responsible for entering mom's delivery information in the post partum and pregnancy outcomes templates, and newborn data in the baby's chart.	CM responsible for documenting in the mom's pregnancy outcome template any abortions, fetal demise, transfer of care, moved, and ectopic pregnancies.			
Provider	Review the flowsheet e	very visit and enter any n	ew data. Review registry	for any patients for which	h there are concerns and	patients who are MOGE.			
MA			new data. Responsible for	patients on registry who	are in for visit today				
	TROVIOW THE HOWSHICE C	vory viole and critici arry i	CTT GGIG. I COPOLISIDIC IOI	patients on registry wild	are in for visit today.				

ADHD Registry and Workflow:



ADHD Registry Workflow

Aim: To provide quality evidence-based care to our patients who have ADHD.

Aim: To maintain a comprehensive and accurate registry of our patients with ADHD in order to perform appropriate and timely care.

	·		`			<u>, </u>	
ADHD Registry	% of pts with management plan	% of pts with 2	% of pts with 25%	% of pts with 25%	% of pts prescribed meds	% of pts started meds	
Measures/Goals:	% of pts with 4 assessment scores (2 parent, 2 teacher)	f/u visits within 9 mos of initial visit	reduction in performance score	reduction in symptom score	% of pts with med f/u within 30 days	% of pts stayed on meds for 7 mos	
				Actions			
Operations	Print off ADHD by Ren	dering Provider regi	stry and workflow the tl	nird Tuesday of every	month and give to the	Provider.	
	* Review registry montl * Notate on registry wh * Determine care plan to * Behavioral Health Re * Give registry to CM for * Review the flowsheet	o needs a visit and of the control o	who needs a teacher q h ADHD and transfer to s. gistry review is complet	uestionnaire to be obt o high risk mental hea	ained by fax. Ith database if appropr	iate.	
	Risk Lev	4 	Initial Evaluation		Assessment	Follow-up Visit	
Provider	High riskno follow-up within 1 month after initial eval OR no follow-up in > 3 mos after last follow up visit); Medium risk= performance score >= 4, Low risk = performance score <=4, be sure has follow up task at least 3 mos after last ollow up task at least 3 mos after last appt. Adult patients with ADHD approximate appt. Adult patients with ADHD and diagnosis should be highlighted for BHP review. If no initial eval, confirm that this patient belongs in the registry, If patient belongs in registry, have Front Desk schedule initial eval appointment with ADHD Provider Champion at the site. If no teacher eval in last 3 months, have CM or FD fax follow-up teacher Vanderbilt scale to school (may need to get school info from parent if not in registry). If never any teacher eval, fax initial teacher Vanderbilt scale. Vanderbilt scale.						
Case Manager	* CM will schedule pati * CM will communicate * Conduct ADHD group * Confirm agenda of gr * Determine patient sta * CM to give registry to Note: Email Barb Rayb	with school as need os with provider as so oup with provider pr tus of parents partic FD when finished to	ded for patients. cheduled. ior to group. ipating in group. o schedule individual p	atients	• ,,	ů .	
Front Desk		l individual appts. G	ives parent Follow-up	Questionnaire to comp	olete while in waiting ro	n Group Visits). Confirms com UNLESS first visit, in ated by provider.	
ВНР	* May need to provide to Review adult patients * Assist referrals to me * Consult with team on	with ADHD diagnos	sis with Provider. further eval needed.	der.			

MA

Review the flowsheet every visit and enter any new data (Vanderbilts, review medications). Responsible for patients on registry who are in for visit today. Collect Vanderbilts from patients for review by provider prior to office visit.

We have additional registries for the following conditions:

- 1. Asthma
- 2. Bipolar Disorder
- 3. Chronic Pain
- 4. COPD
- 5. Depression
- 6. Latent Tuberculosis
- 7. Pap Management patients with abnormal pap tests
- 8. Tobacco Use

Item 7: Patients who might benefit from care management support

We have a report that is used on a daily basis by our behavioral health staff that identifies patients coming in for a visit today who are pregnant, have a chronic condition or who are a tobacco user. The behavioral health staff will provide extra support to these patients during their visit.

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Appointment List - Planned Care Patients	
Appointment List - Planned Care Patients	

Appt Date	Appt Time	Duration	First Name	Last Name	DOB	DX Category	First Diagnosed	Last Diagnosed
	-							
F Misa	e Vela Brol FNF	•						
1/6/2010	8 :20	20			3/1975			
						Prenatal	12/28/2009	12/28/2009
1/6/2010	8 .40	20			29/1971			
						Depression	09/04/2009	09/24/2009
						Prenatal	05/01/2008	12/26/2008
1/6/2010	9 :00	20			13/1976	December	00.000.0000	*******
						Prenatal	08/02/2006	12/07/2009
	9 :20	20			21/1988	Church	09/21/2005	09/21/2005
						Obesity Prenatal	08/04/2005	12/23/2009
1/6/2010	9:40	20			1/1979			
						Prenatal	04/08/2007	12/29/2009
1/6/2010	10 :00	20			16/1954			
						Diabetes	07/13/2005	12/17/2009
						Hypertension	07/13/2005	12/17/2009
1/6/2010	10 :20	20			16/1985	120 12125 1715 1716	NUMBER STORES	72915252022
						Chronic Mental Health Prenatal	06/13/2007 10/11/2006	08/13/2007 12/04/2009
1/6/2010	11 -00	20			3/1976			
						Hypertension	12/04/2009	12/04/2009
						Prenatal	09/06/2006	12/08/2009
1/6/2010	11 -40	20			/28/1985			
						Prenatal	11/01/2008	12/29/2009
1/6/2010	11 :40	20			3/1973			
						Chronic Mental Health	08/07/2009	09/25/2009
						Chronic Pain	01/18/2006	04/15/2008
						Depression	07/20/2005	12/03/2009
						Obesity	08/17/2006	10/08/2009
						Prenatal	05/26/2009	12/30/2009

Developed by