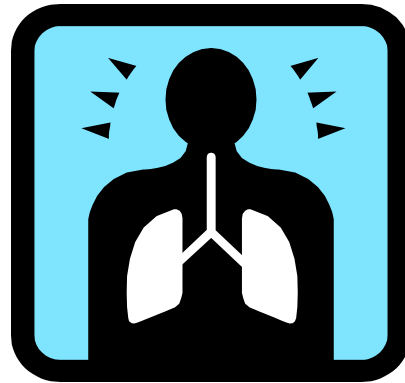


Link to you tube House puffer video

<http://www.youtube.com/watch?NR=1&v=21TL94NEzvg&feature=endscreen>

Sustaining the Lung Health Program



Heather Hadden BScPhm ,Teach Certified

Marnie Martin BScN ,RN,CRE

Dr. James Pencharz

Credit Valley Family Health Team

AFTO Oct 2012

Who are we?

Our Mission of Excellence:

High Standard Interprofessional Primary Care + Family Medicine Teaching

2 sites

11,000 patients

15 IHPs

10 Physicians

18 Admin staff

20 Family Practice Residents

Multiple CDM and Preventative Care Programs



“Breath for Life”



A collaborative integrated team approach to
screening Spirometry, Asthma and COPD
Education and Smoking Cessation Counseling

The CVFHT IHP Team

Heather Hadden Program Lead

Pharmacist, Teach Certified Smoking Cessation Counselor

Dr James Pencharz Program Lead Physician

Marnie Martin Asthma Lead

RN, BScN, Certified Respiratory Educator

Gord Canning COPD Lead

Nurse Practitioner

Mary Glenen-Calder, RN & Pam Mareemootoo, RN

Smoking cessation counselors

Acknowledgement:

Catherine Harrison NP-initial Program Lead, CVFHT Lung Health Program

Is best practice chronic disease management being met for Lung Health patients at CVFHT ?

(discovered need for better identification of Chronic Disease)

GSK PRIISME (Jan 2010-Jan 2012) - funding

QIIP (HQO) Asthma and COPD (Sept 2010-Dec 2011)

Diagnosis/identification/clarification through EMR

Ottawa Model for Smoking Cessation (Oct 2011)

STOP Study (Oct 2011)

Free NRT study

Education

- CRE (Two 3-4 day RESPTrec courses on Asthma and COPD followed by exams and final CRE exam -RN and NP)
- TEACH (5 day course(CAMH/U of T)-Pharmacist)

Liaise

CVH Cardio-Pulmonary Dept (COPD/Asthma Training/Mentoring)

Training

Medication seminars from PRIISME

Research

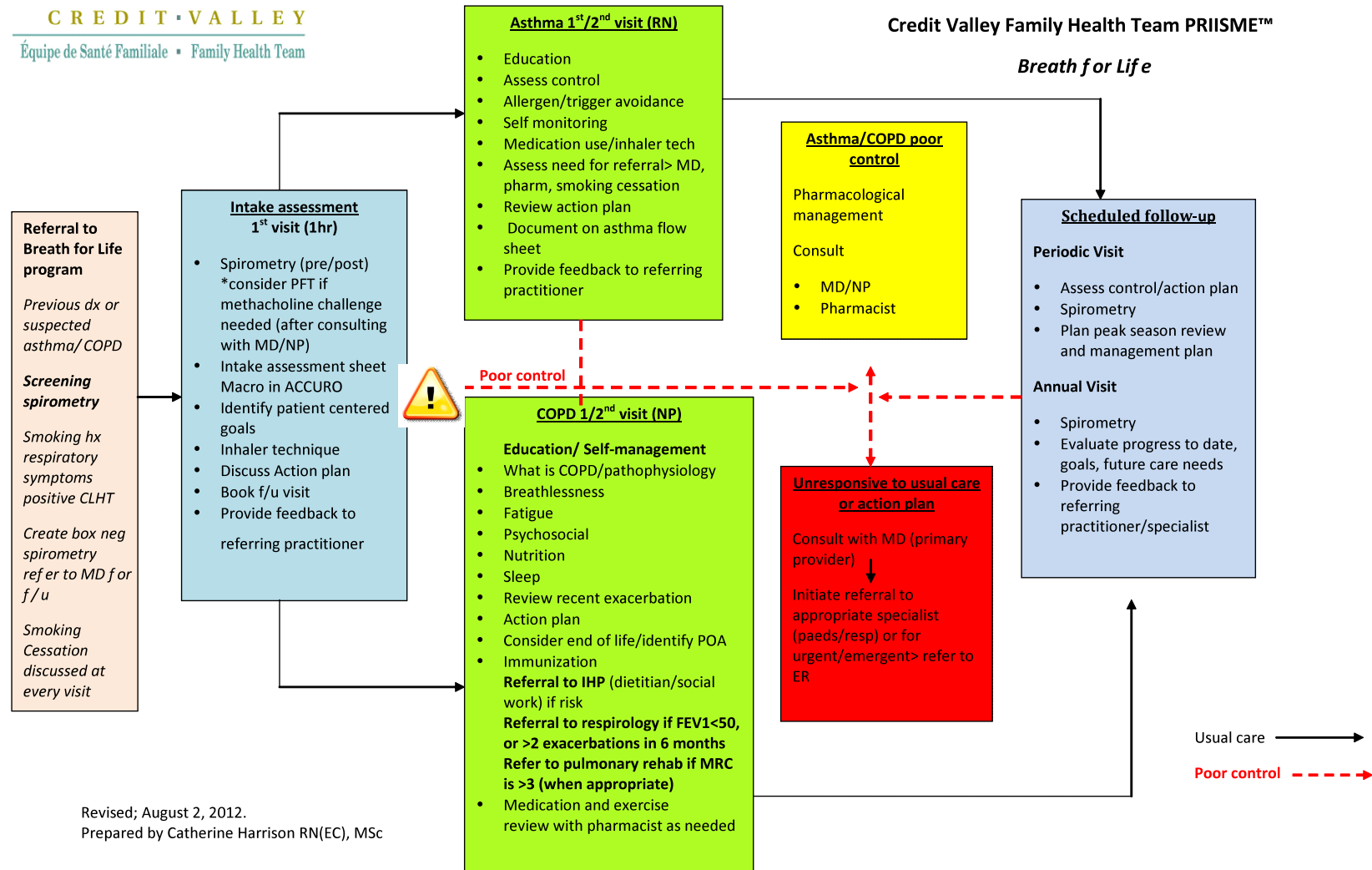
Trial and purchase of Spirometer (PDSA)

EMR

May 2010- new computer system (CliniCare → Optimed-Acurro)

Adaptation of EMR – develop templates, flowsheets, macros (ongoing PDSA's)

Breath for Life Flowchart



CV FHT Lung Health Brochure

Services Provided

- Asthma Education
- COPD Education
- Smoking Cessation Counselling
- Lung function testing (spirometry)
- Medication management of asthma and COPD

Our Team

In partnership with your family doctor include:

- Certified Respiratory Educators
- Family Practice Nurses
- Nurse Practitioner
- Pharmacist



Accessing Our Services

Your family doctor can refer you to the Credit Valley Family Health Team - Breath for Life

Please contact us at (905) 813-3850

For professional information about *Breath for Life* please contact:

Gord Canning
Nurse Practitioner

Marnie Martin
RN, BSN
Certified Respiratory Educator

Credit Valley Family Health Team
2300 Eglinton Ave. W Suite 105
Mississauga, Ontario
L5M 2V8

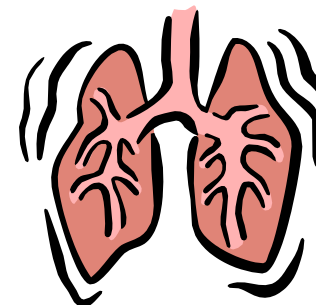
Phone: (905) 813-1100 ext 5468

Or visit our website:
www.cvfh.ca

Breath for Life
program

General Information

For our patients with Asthma or COPD



PRISME
Optimal management
of chronic diseases TM

A program initiated and sponsored by GlaxoSmithKline

Program Development

- Asthma/COPD (thru QIIP) (2 physicians rosters initially)
- Education around entering ICD9 code in EMR
- (accurate extractable data/reports)- identification of patients
- PDSA- list of patients-contact- mail out questionnaire, phone follow up, booked for spirometry and assessment
- Education -residents (Core presentations)
- Internal Referral Process
- Spread to entire clinic

Referrals- Front Desk Tear Off

Patient Name: _____
 Primary Care Provider: _____

Please provide this to the front desk to facilitate booking of your future appointments.

Inter-professional Health Care Providers			
		Purpose of Visit	
Chiropodist	<input type="checkbox"/>		
Dietitian	<input type="checkbox"/>		
Pharmacist	<input type="checkbox"/>		
Registered Nurse	<input type="checkbox"/>		
Social Worker	<input type="checkbox"/>		
FHT Programs			
Diabetes Team:	<input type="checkbox"/>	Smoking Cessation	IVR
			Counselling
			7-9 am
			9-12 pm
			1-5 pm
		6-9 pm	
New Consult	<input type="checkbox"/>	Spirometry	<input type="checkbox"/>
Insulin Start	<input type="checkbox"/>	Asthma Education	<input type="checkbox"/>
Refresher Course	<input type="checkbox"/>	COPD Education	<input type="checkbox"/>
Other:	<input type="checkbox"/>	Walking to Wellness	<input type="checkbox"/>
	<input type="checkbox"/>	'Healthy You' weight loss	<input type="checkbox"/>

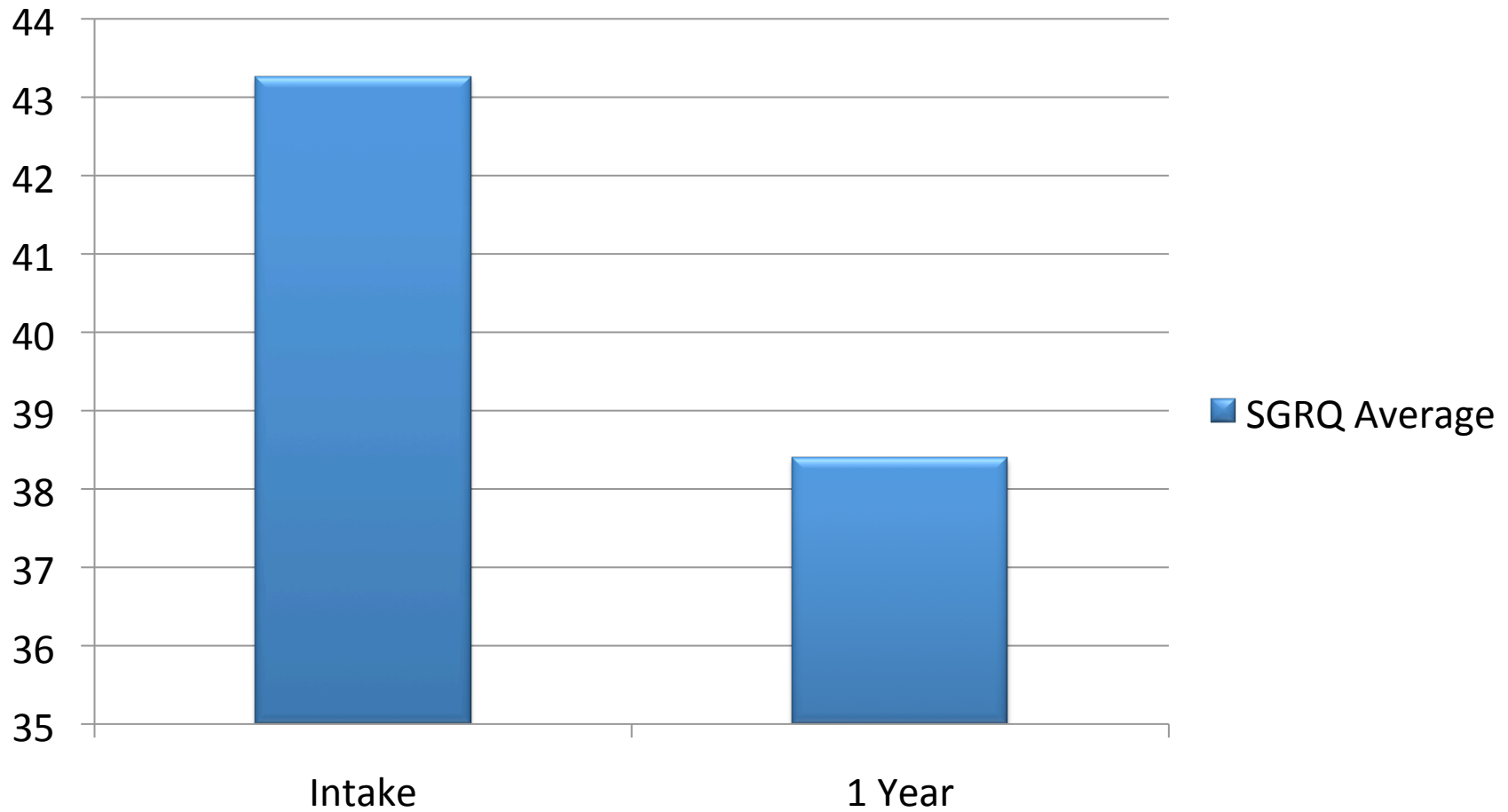
Procedure: _____

Follow up with Primary Care Provider: _____
 Date

- St George's-Questionnaire (QOL)-pre (COPD)
- Junipers Questionnaire (Asthma)
- Confirmation Spirometry
- COPD Education/Care Plan
- GSK- 2 years collaboration/funding
- 1 year follow up St George's/Juniper
- GSK Final report
- Patient Satisfaction Survey

Quality of Life-Outcome

SGRQ Average



Asthma Education

- **Intake assessment** **1st visit (1hr approx)**
- Spirometry (pre/post)
- *consider referral for PFT's /methacholine challenge(after consulting with MD/NP)
- Intake assessment/history
- Identify patient centered goals
- Inhaler technique
- Discuss and formulate Action plan
- Book f/u visit
- Provide feedback to referring practitioner

Asthma Education

- **Asthma follow up visits (RN CRE)**
- Education
- Assess control
- Allergen/trigger avoidance
- Self monitoring
- Medication use/inhaler technique (at every visit)
- Assess need for referral > MD, Pharmacist, smoking cessation
- Review action plan (amend if necessary)
- Document on asthma flow sheet (includes 30sec asthma test)
- Plan peak season review and management plan
- Provide feedback to referring practitioner

Complete initial intake assessment including spirometry (previous slide)

COPD visits (NP)

- **Education/ Self-management**
- What is COPD/pathophysiology
- Breathlessness/Fatigue (other symptoms)
- Psychosocial Aspects
- Nutrition
- Sleep
- Review recent exacerbation
- Action plan

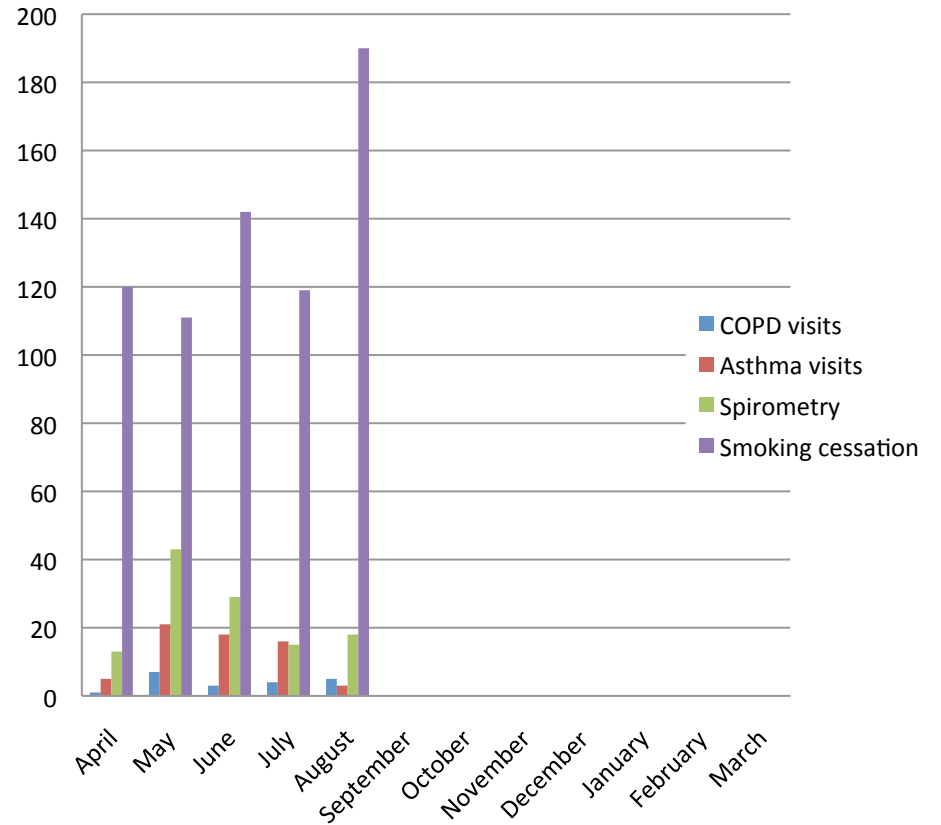
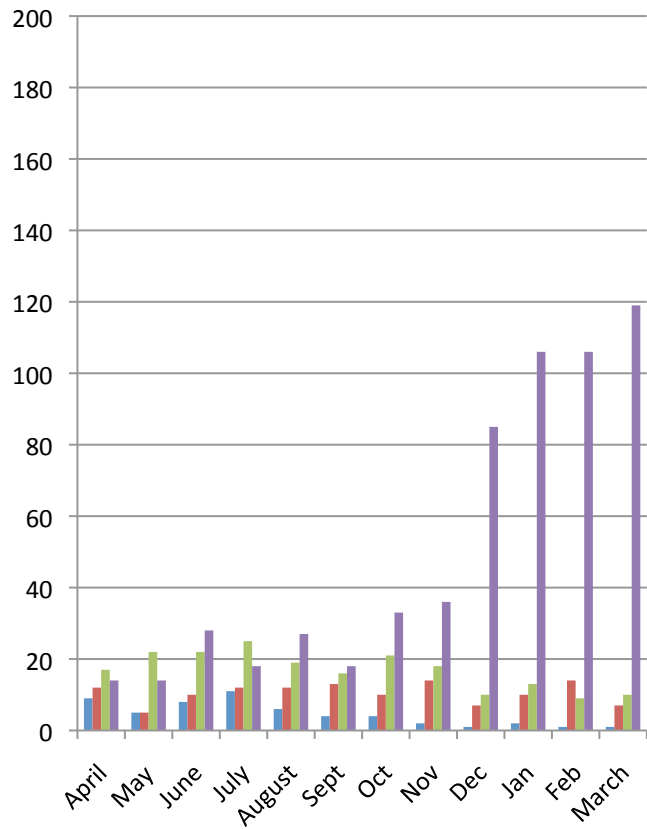
- Immunization
- **Referral to IHP** (dietitian/social work) if risk
- **Referral to respirology if FEV1<50, or >2 exacerbations in 6 months**
- **Refer to pulmonary rehab if MRC is >3 (when appropriate)**
- Medication and exercise
- review with pharmacist as needed
- Expansion to community– CVH Pulmonary Rehab program, “Movin On”-City of Mississauga Rec and Parks program
- Consider end of life/identify POA

Where QIIP took us

- Increased Diagnosis of Asthma or COPD entered in EMR
- Increased referrals to Spirometry
- Increased Diagnosis of Asthma and COPD by Spirometry
- Increased Education Sessions (Asthma and COPD)
- Improved Medication Prescribing Habits (LABA/ICS, Spiriva)
- Increased Flu and Pneumococcal Vaccine Rates
- Increased # of patients with smoking status documented in EMR
- Increased Referrals to Smoking Session for Asthma and COPD patients
- Decreased Exacerbations, ER visits, hospital admissions, missed school/work
- Better control/Improved QOL of Asthma and COPD patients

Breathe for Life Stats

April 2011-Aug 2012



Quit Plan

<http://www.youtube.com/watch?v=fEXpaXsg6fc>

- Pre survey of Smoking Interventions by MD's (5A's)
- Educated all staff, Residents and IHP re OMSC Program (Oct 2011)
- Developed Smoking Cessation Screener
- Attached CLHT to screener (and drop down in EMR)
- Documentation of Smoking Status (Goal 100%)
- +CLHT referred to spirometry
- Developed Drop down for OMSC Smoking Cessation Consult
- Increased ASK Rate (Goal 100%)
- Increased Advise Rate (Goal 80%)
- Increased Referral to Smoking Cessation Program
- Increased Patients seen by Smoking Cessation Counselor (Goal 60%)
- Increased Quit rate

Smoking Status Screener

Canadian Lung Health Test

If you are over 40, and smoke or used to smoke, take this test to screen for lung health.

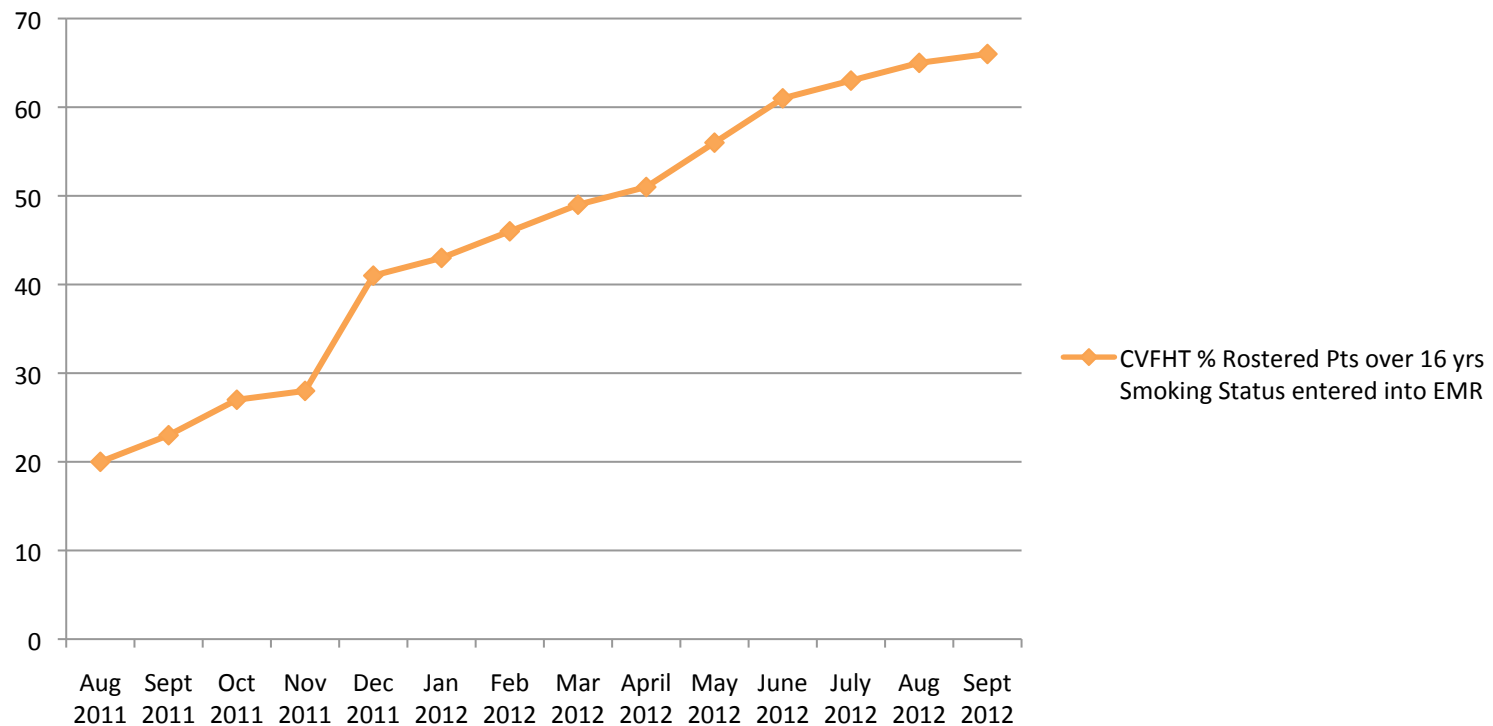
	Yes	No
1. Do you cough regularly?	<input type="checkbox"/>	<input type="checkbox"/>
2. Do you cough up phlegm regularly?	<input type="checkbox"/>	<input type="checkbox"/>
3. Do even simple chores make you short of breath?	<input type="checkbox"/>	<input type="checkbox"/>
4. Do you wheeze when you exert yourself?	<input type="checkbox"/>	<input type="checkbox"/>
5. Do you get many colds, and do your colds usually last longer than your friends?	<input type="checkbox"/>	<input type="checkbox"/>

If you answer yes to any of the questions, a breathing test should be completed to assess your lung health.

Documentation of Smoking Status

Goal 100%

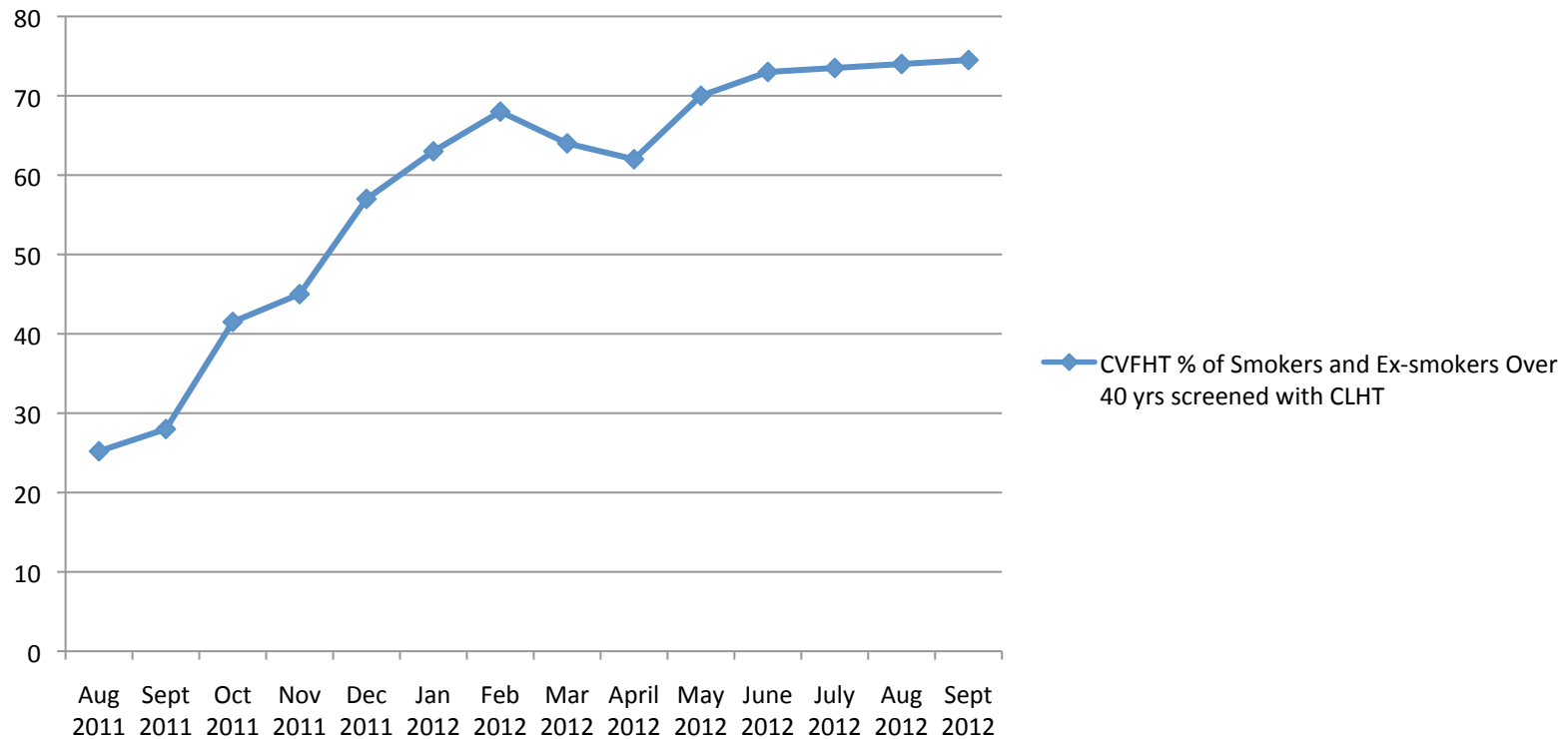
CVFHT % Rostered Pts over 16 yrs Smoking Status entered into EMR



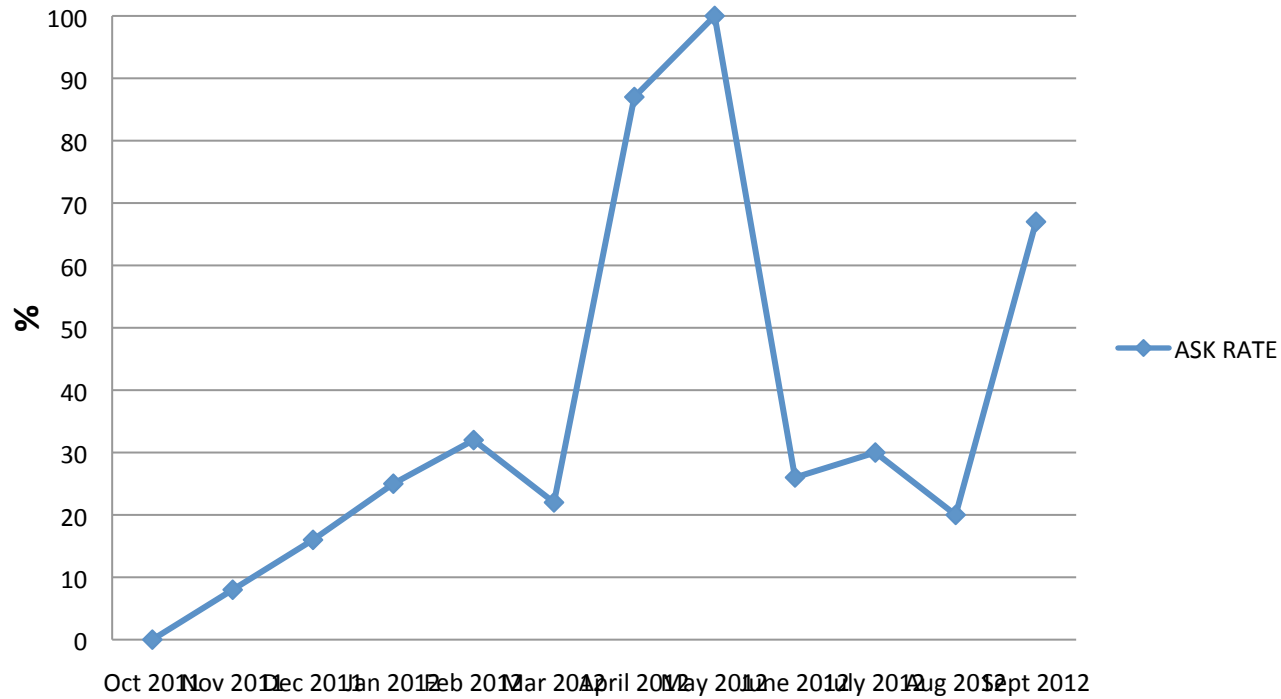
COPD pts screened

- Goal 100%

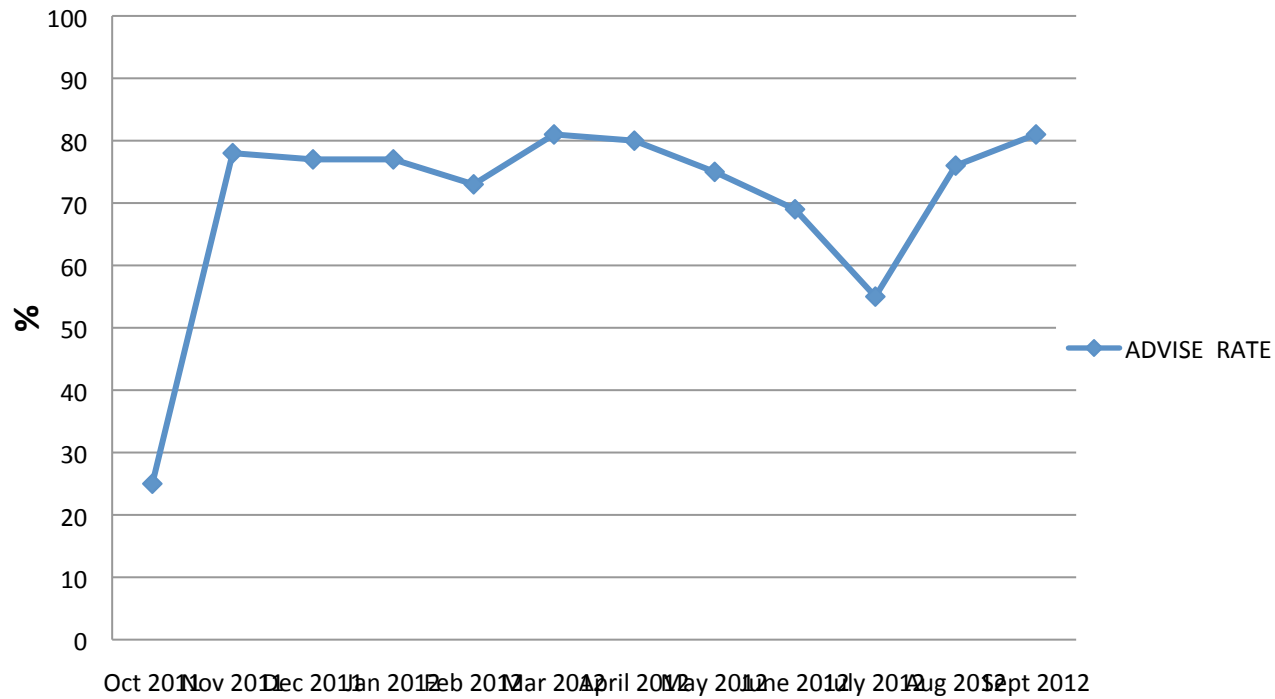
CVFHT % of Smokers and Ex-smokers Over 40 yrs screened with CLHT



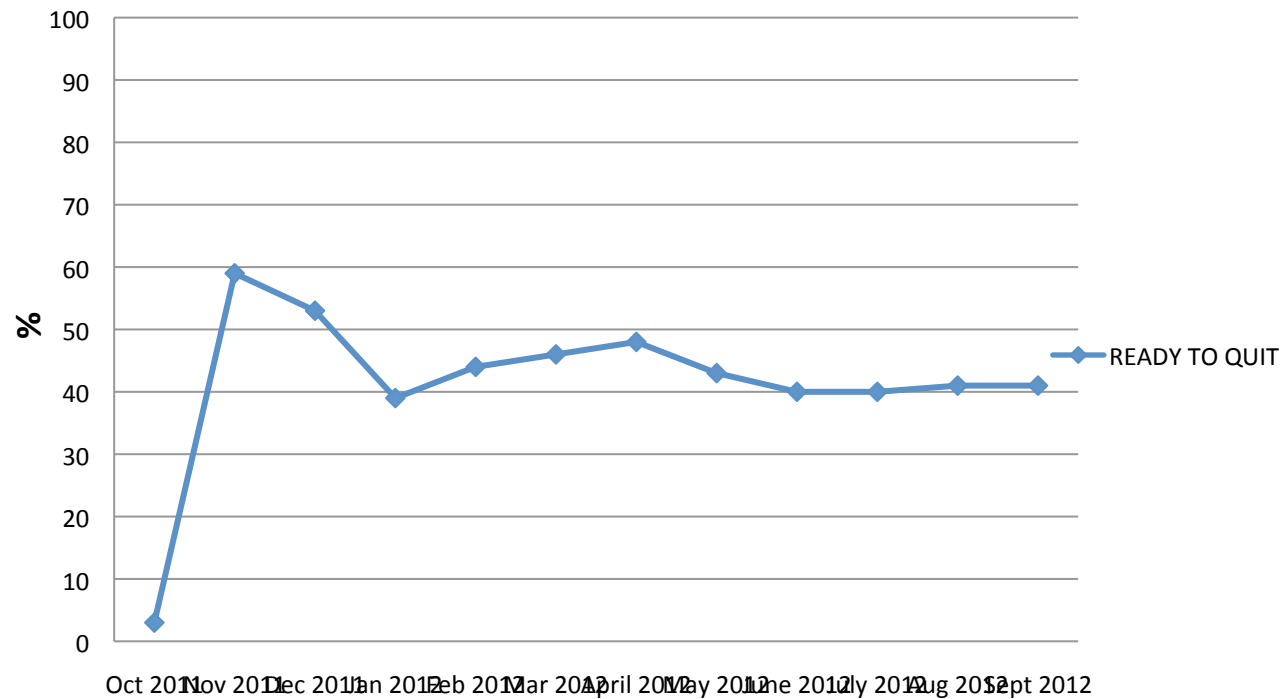
Goal 100%



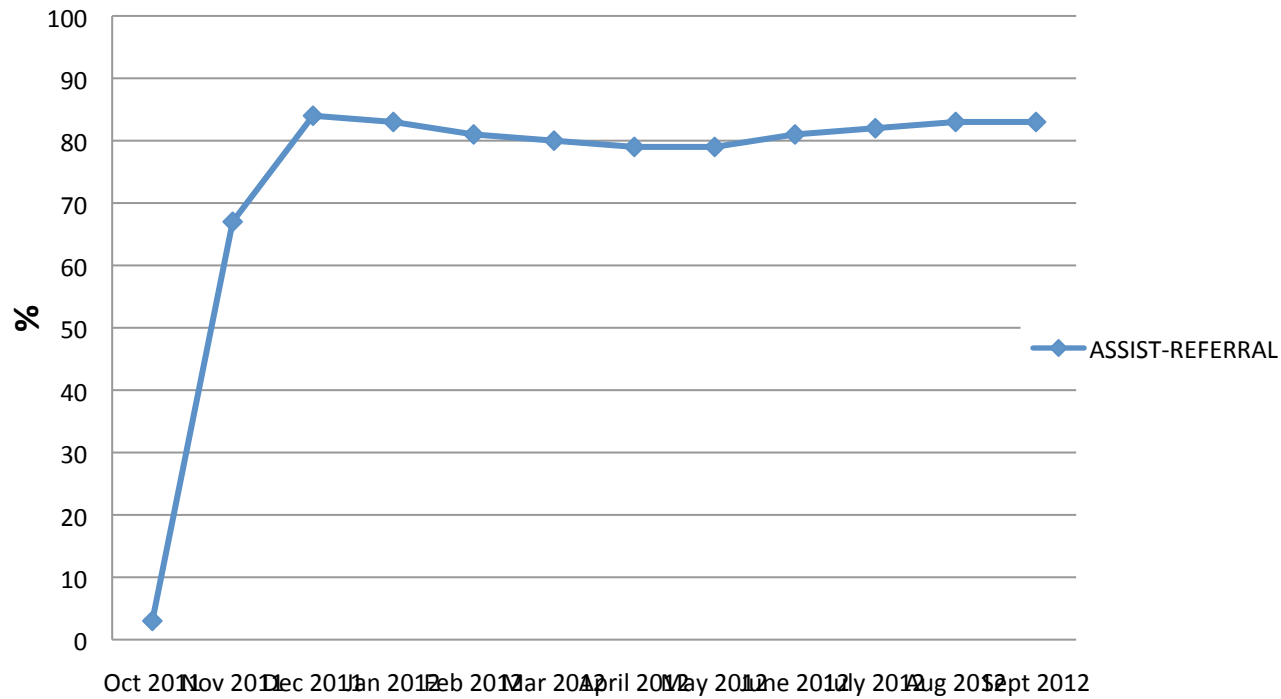
Goal 80%



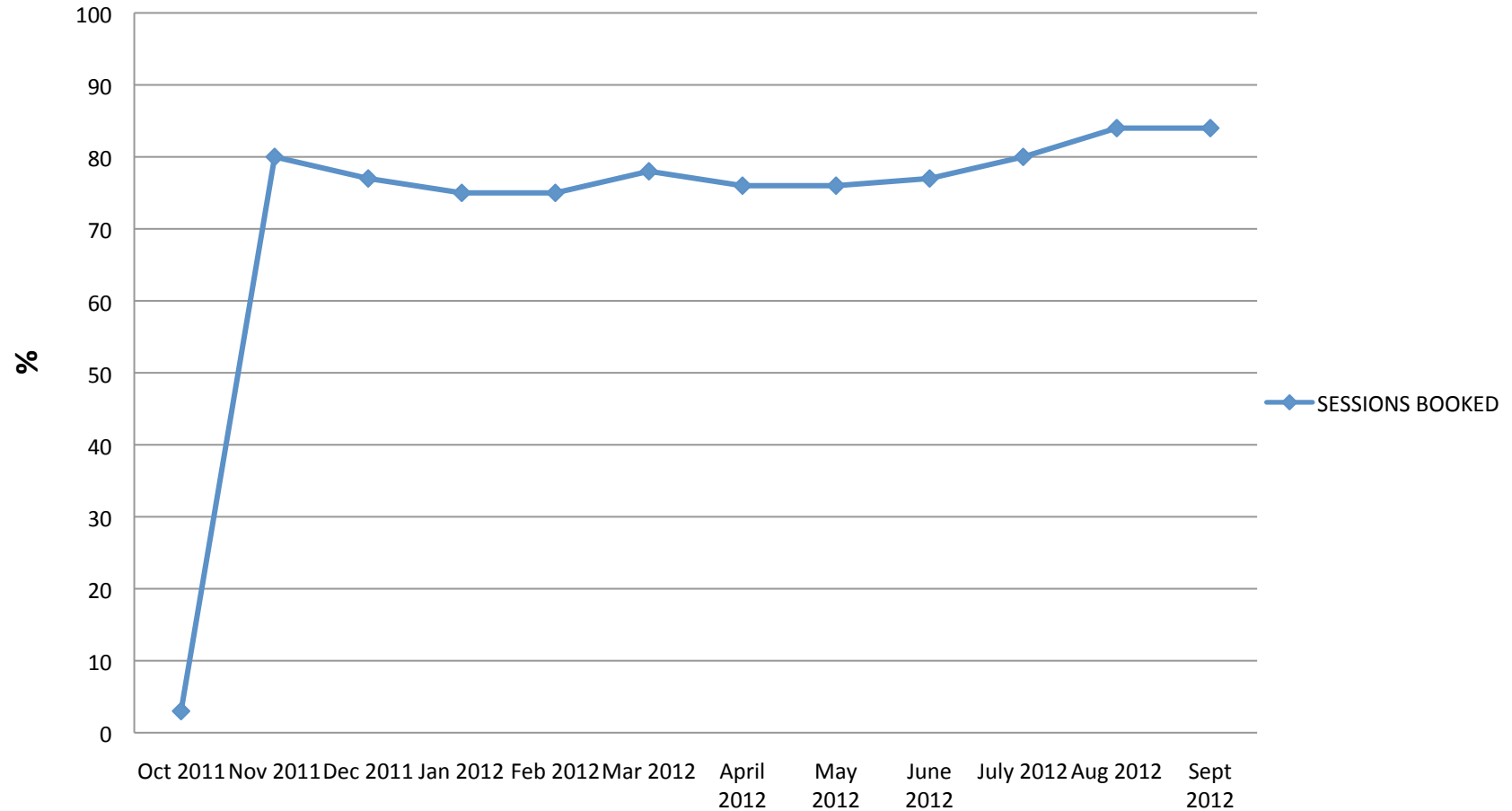
% of patients Ready to Quit



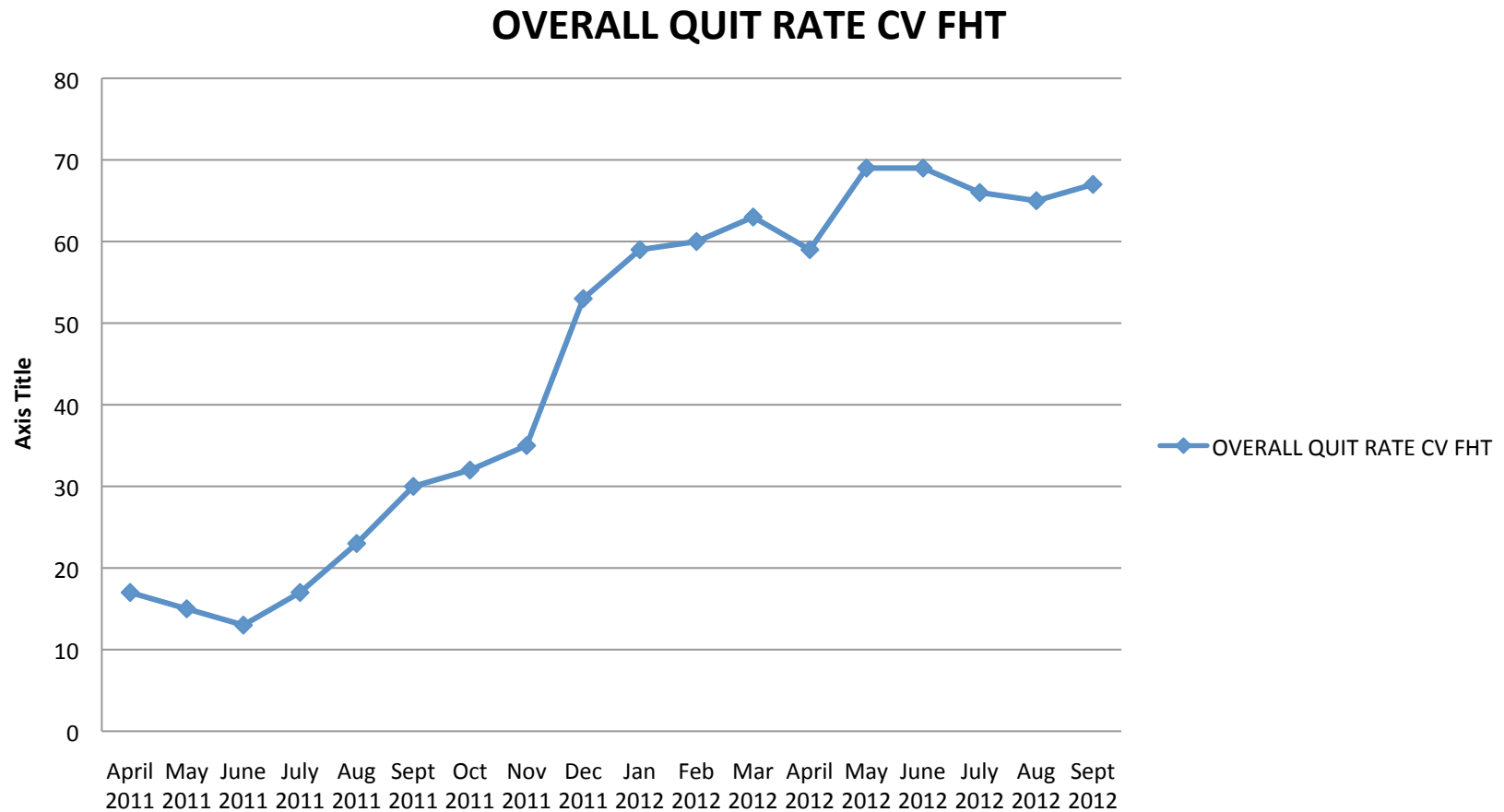
Goal 100%



Smoking Cessation Sessions



National average quit rate 50%



Looking into the Future

- Expansion to French Site- Smoking Cessation, Lung Health
- Moving towards goals
- Tools for follow up
- Brainstorm meetings at 1 yr anniversary OMSC
- IMD-education/instruction details
- Email reminders- pts re follow up
- HQO project- Process mapping/PDSA's for improvement
- Inter collaboration with professionals (Respirologists)

Questions/Comments

Contact:

hhadden@cvh.on.ca

mmartin@cvh.on.ca

Thank you for your time