



# Palliative Care and ESRD

Dr Douglas McGregor

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# Thanks to.....

- Sue Young, CNS, St Paul's Kidney Clinic
- Dr Alvin Moss
- Dr Sara Davison, Edmonton
- Dr Bev Spring
- Dr Neil Hilliard

# Number of Deaths by Year (Sue Young, SPH)

YEAR	DEATHS
2002	117
2003	150
2004	152
2005	186
2006	182
2007 (to Oct)	126
<b>TOTAL</b>	<b>913</b>

Denominator needed:

i.e. deaths/ year as % of  
total patients registered/  
year

Does not account for growth  
in program (esp. CKD and  
HD)

Deaths/month (05/06)

**15 – 16**

# Deaths by age grouping

<b>20 – 29</b>	<b>6</b>
<b>30-39</b>	<b>14</b>
<b>40-49</b>	<b>41</b>
<b>50-59</b>	<b>86</b>
<b>60-69</b>	<b>164</b>
<b>70-79</b>	<b>294</b>
<b>80-89</b>	<b>260</b>
<b>90+</b>	<b>48</b>

Pooled data over 5 years 10 months  
(2002 – 2007)

? Need deaths by age by year?

Need denominator – i.e. how many  
patients in total in each age group

# Unadjusted Survival Probabilities (%) for Incident ESRD Patients

Age	1 year	2 years	3 years	5 years
- 40	89.0	81.0	73.2	60.0
40 - 50	85.9	74.6	64.6	46.7
50 - 60	81.1	68.0	55.7	35.6
60 - 70	76.9	62.6	48.5	27.3
70 - 80	69.6	51.9	37.3	18.4
80 +	58.9	37.8	23.9	8.4

# ESRD Patient Probability of Survival

<b>Patient Population</b>	<b>Survival (%)</b>
1-yr for all incident patients, unadjusted	79
1-yr for incident patients >65 yrs, unadjusted	65
2-yr for all incident patients, unadjusted	65
2-yr for all incident patients >65 yrs, unadjusted	48
5-yr for all incident patients, unadjusted	38
5-yr for incident patients >65 yrs, unadjusted	18
10-yr for all incident patients, unadjusted	20
10-yr for incident patients >65 yrs, unadjusted	3

*USRDS, 2004 Annual Data Report*





# Patient's Concerns Regarding End-of-Life Care

- Receiving adequate pain and symptom control
- Avoiding inappropriate prolongation of dying
- Achieving a sense of control
- Relieving burden on loved ones
- Strengthening relationships with loved ones

Singer PA, et al. *JAMA* 1999; 281:163-168.



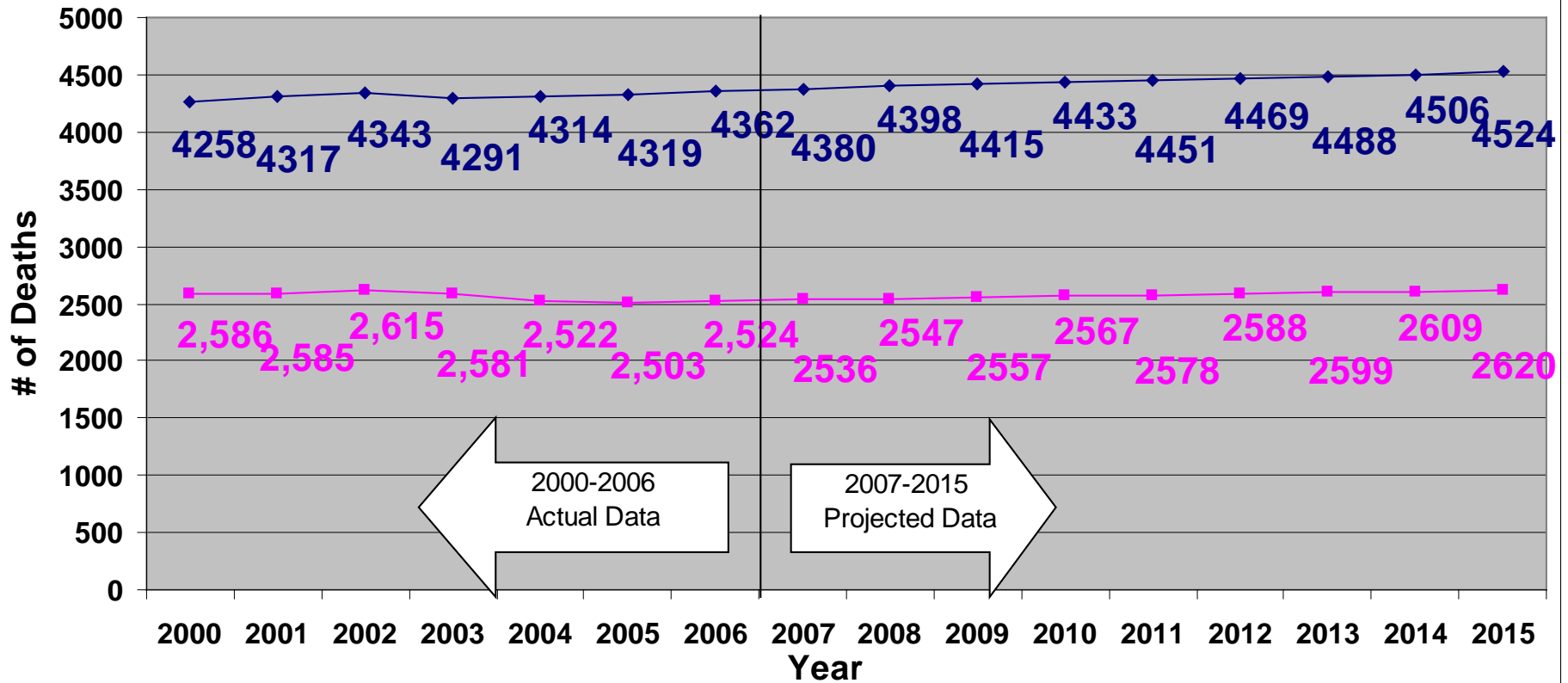
# Regional Palliative Care Strategy (2005)

## Key Strategic Recommendations:

1. Regional Service Delivery Model
2. Defining And Expanding The Size Of The Target Population
3. Regional Standards For Eligibility, Access And Referral
4. Regional Leadership Structure
5. Address The Needs Of Special Populations
6. Develop Enabling Systems

# Projections: Non-Cancer Deaths

Actual and Projected # of Non-Cancer Deaths in VCH and Vancouver  
(2000-2015)



◆ # of non-cancer deaths in VCH

■ # of non-cancer deaths in Vancouver

# Projections: Cancer Deaths

Actual and Projected # of Cancer Deaths in VCH and Vancouver  
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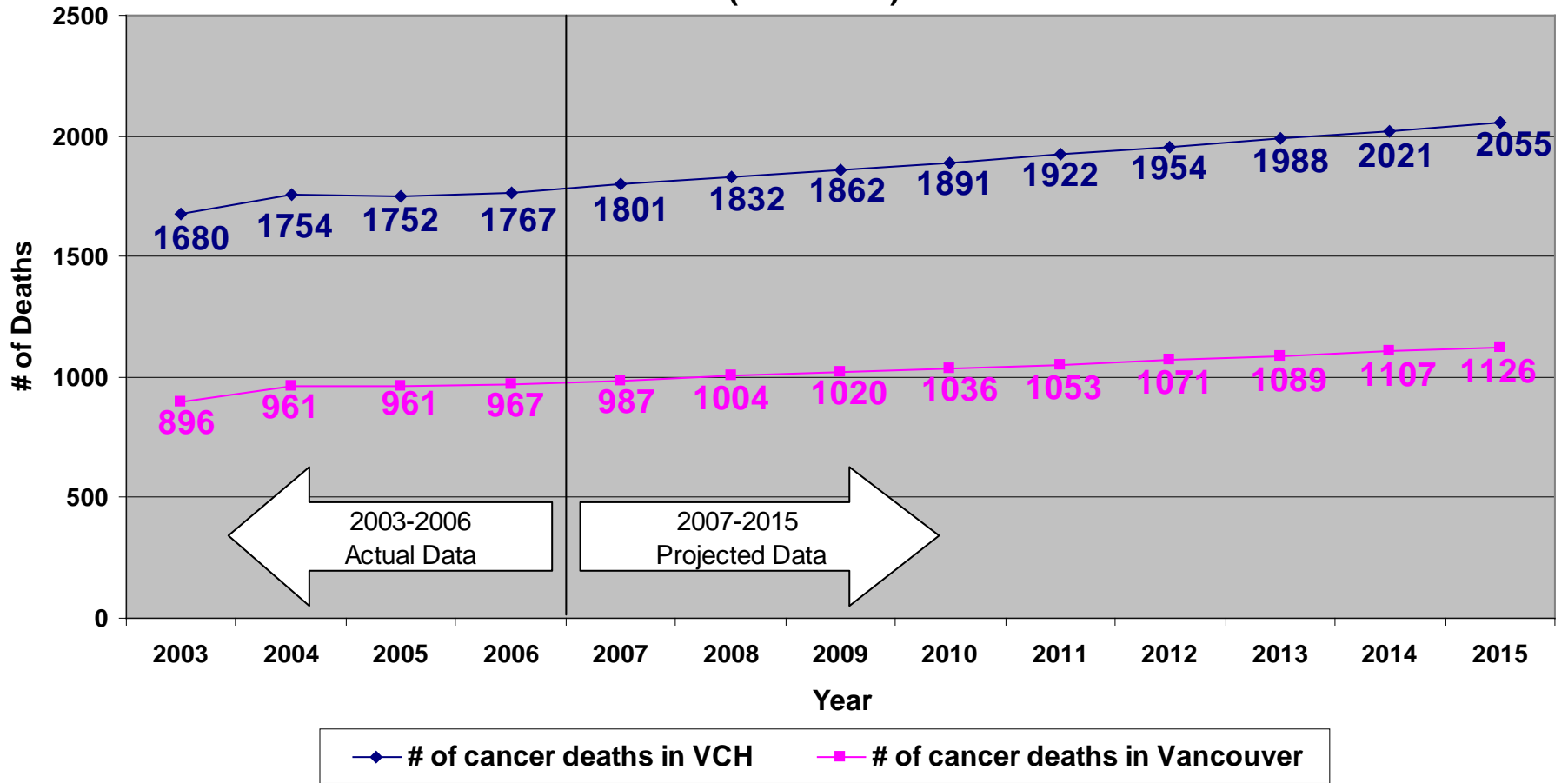
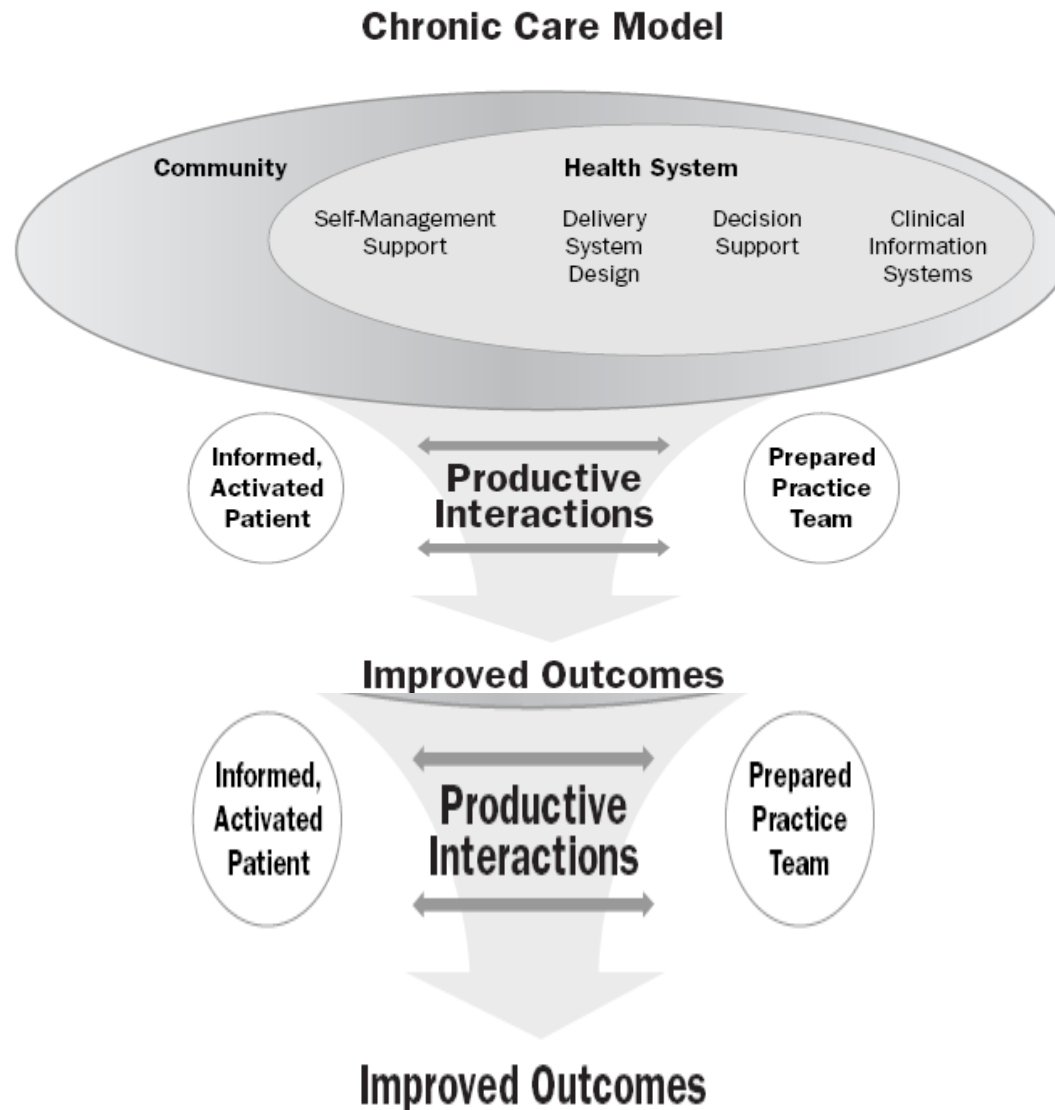
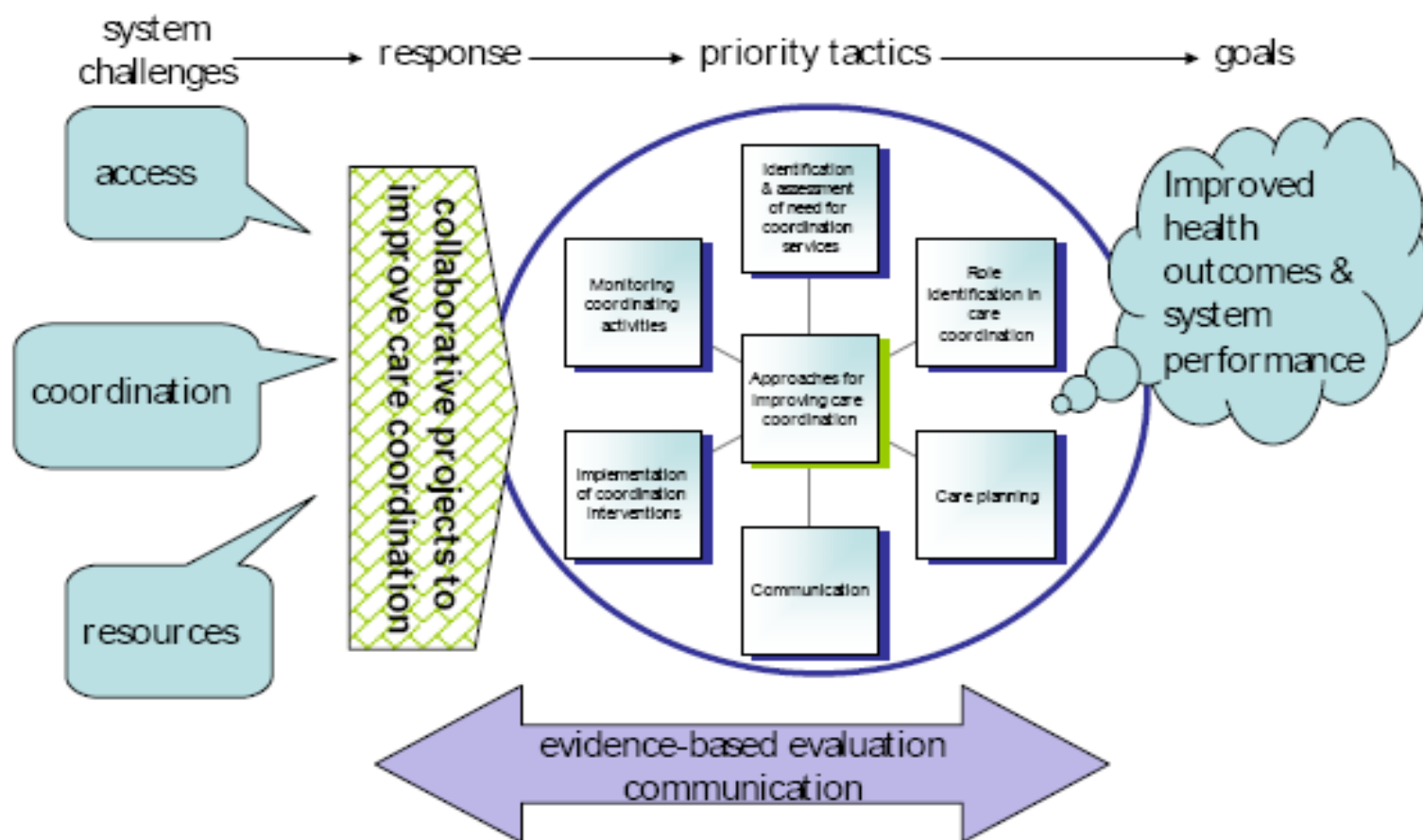


Figure 1. Chronic Care Model



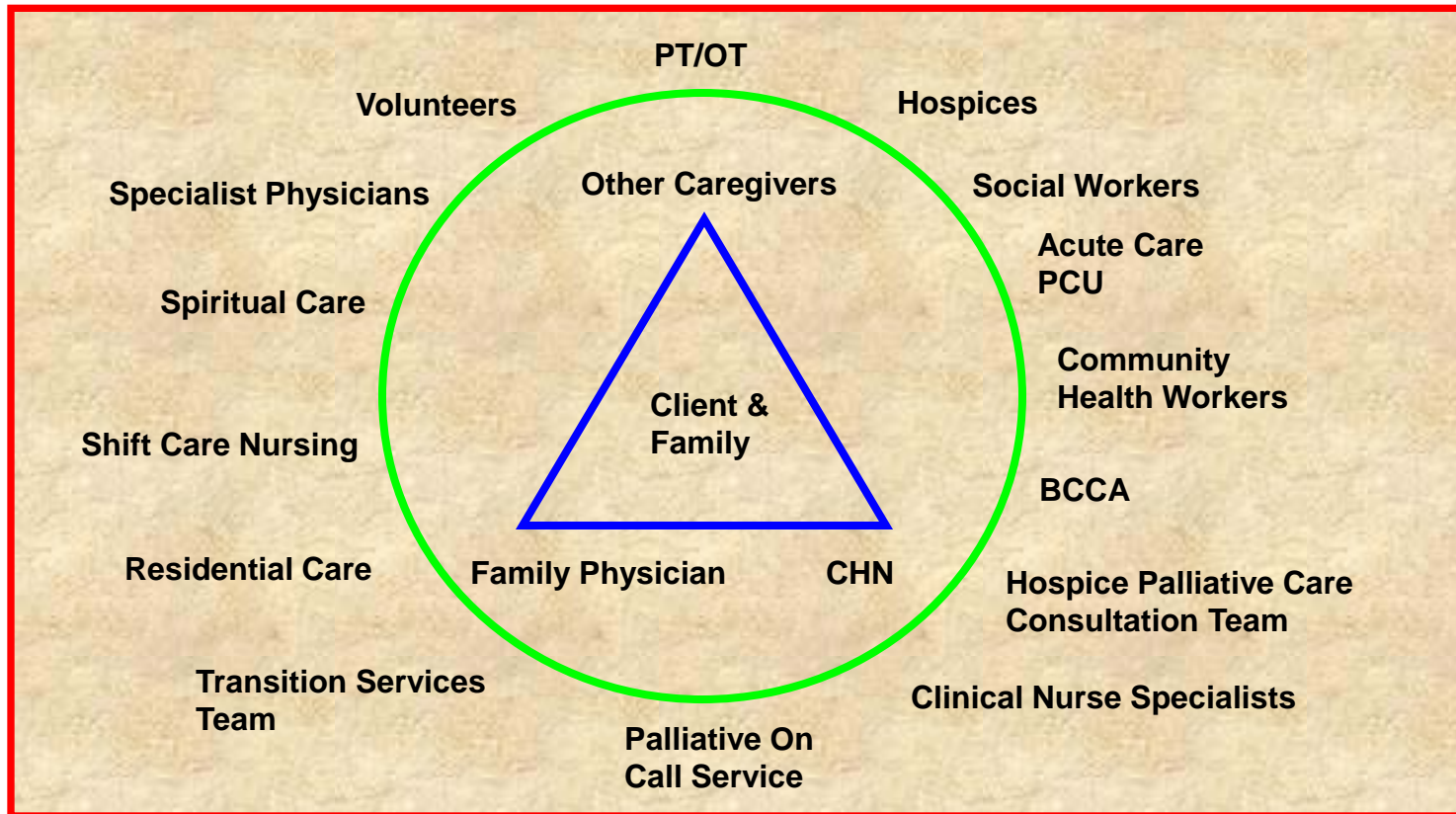
## Key design features of a collaborative approach to shared care



# Model of VC Home Hospice

QUALITY IMPROVEMENT &  
PROGRAM DEVELOPMENT

COMMUNICATION &  
DOCUMENTATION



EDUCATION, RESEARCH  
& LEADING PRACTICES

FUNDING & OPERATIONS



# How many do we care for in VC?

- 1148 unique clients received VC palliative care services in 07/08
- >500 palliative clients on any given day receiving services
- 2251 active referrals to VC professionals for palliative services in 07/08

*Source: PARIS management reports*

# Who are your Team ?

- Vancouver:
  - SPH      Dr Romaine Gallagher
  - VGH      Dr Wendy Yeomans
  - Community      Dr Bev Spring
- North Shore
  - Dr Val Geddes
- Richmond
  - Dr Alan Nixon

# Incorporating Palliative Care into Your Dialysis Unit

- Surprise question on rounds
- Educational in-services on palliative care topics
- Advance care planning
- Pain & symptom assessment and treatment protocols
- Communication of prognosis and changes in condition
- Referral to hospice when terminally ill
- QI with review of quality of death
- Memorial service

# General Practice

## Issues:

Changing – job satisfaction/ lifestyle

Low recruitment

Everyone is downloading

splintering





**CANCER MANAGEMENT FLOW SHEET (Noncurative Intent) BCCA# \_\_\_\_\_**

**Patient Name:** \_\_\_\_\_ **DOB:** \_\_\_\_\_ *dd-mm-yyyy* **Allergies:** \_\_\_\_\_  
**Cancer Site:** \_\_\_\_\_ **Cancer Type:** \_\_\_\_\_ **Dx date:** \_\_\_\_\_  
**Metastases:**  Liver  Bone  Lung  Skin  Other \_\_\_\_\_ **Recurrence date:** \_\_\_\_\_  
**Co-morbid Conditions:**  Diabetes  CHF  COPD  Renal  Hepatic  Arthritis  Depression  EtOH/Drug Abuse  
**Complications of Disease/Rx:** \_\_\_\_\_  
**Medical Oncologist:** \_\_\_\_\_ **Radiation Oncologist:** \_\_\_\_\_ **Palliative Care Contact:** \_\_\_\_\_

**Patient Encounters, Diagnostic/Clinical Data/Prognostic Data, by Date:**

<i>Review:</i>		<i>Enter Review Date: dd-mm-yyyy</i>	Baseline:	Date:	Date:	Date:	Date:
<b>Prognostic</b>	<b>WEIGHT</b>		lbs kg	lbs kg	lbs kg	lbs kg	lbs kg
	<b>PERFORMANCE STATUS - ECOG (0-5) / PPS (0-100)</b>						
	<b>Dyspnea (0-10)</b>						
	<b>Cognitive Impairment/Confusion</b>						
<b>Symptoms (VAS 0-10)</b>	<b>Pain 1: location: type: (0-10)</b>						
	<b>Pain 2: location: type: (0-10)</b>						
	<b>Pain 3: location: type: (0-10)</b>						
	<b>Nausea (0-10)</b>						
	<b>Constipation</b>						
	<b>Other 1 (ie: fatigue)</b>						
	<b>Other 2 (ie: disease specific Sx - dysphagia)</b>						
<b>Signs</b>	<b>Lungs</b>						
	<b>Liver</b>						
	<b>Spine/Bone</b>						
	<b>CNS</b>						
	<b>Nodes</b>						
	<b>Skin /Edema</b>						
<b>Lab</b>	<i>(use for tumour marker, Hb, INR, etc.)</i>						
<b>Medications</b>	<b>Anticancer Rx</b>	<b>Systemic:</b>					
		<b>Biological:</b>					
		<b>Hormonal:</b>					
		<b>Radiation</b>					
		<b>Other: (bisphosphonate, etc.)</b>					
	<b>Symptom Control</b>	<b>Opioid SR:</b>					
		<b>Opioid IR:</b>					
		<b>Antiemetic: (eg: metoclopramide)</b>					
		<b>Bowel Protocol:</b>					
		<b>Adjuvant 1: (?neuropathic pain)</b>					
	<b>Adjuvant 2: (?dexamethasone)</b>						
<b>Care Plan</b>	<b>DNR</b> Home DNR form: <input type="checkbox"/> Discussion:						
	<b>Palliative Care Program Referral</b> Benefits Form: <input type="checkbox"/> Home care: <input type="checkbox"/> Discussion:						
	<b>Advance Directive</b> <input type="checkbox"/> Discussion:						
	<b>Proxy:</b> <b>Phone:</b>						





**Stage 1 Renal**

**Patient Name:** \_\_\_\_\_ **DOB:** \_\_\_\_\_ *dd-mm-yyyy*  
**Allergies:** \_\_\_\_\_  
**Kidney Disease:** \_\_\_\_\_ **Biopsy:** \_\_\_\_\_  
**Dx date:** \_\_\_\_\_  
**Complications:**  Heart  BP  Bone  CVS  Other \_\_\_\_\_  
**Referral date:** \_\_\_\_\_  
**Co-morbid Conditions:**  Diabetes  CHF  COPD  Hepatic  Arthritis  Depression  
 EtOH/Drug Abuse  Other \_\_\_\_\_  
**Complications of Disease/Rx:** \_\_\_\_\_

**Nephrologist:** \_\_\_\_\_ **Urologist/Surgeon:** \_\_\_\_\_ **Palliative Care Contact:** \_\_\_\_\_

		<i>Enter Review Date: dd-mm-yyyy</i>	<b>Baseline:</b>	<b>Date:</b>	<b>Date:</b>	<b>Date:</b>	<b>Date:</b>
			lbs kg	lbs kg	lbs kg	lbs kg	lbs kg
<b>Prognostic</b>	<b>WEIGHT</b>						
	<b>PERFORMANCE STATUS - ECOG (0-5) / PPS (0-100)</b>						
	<b>Dyspnea (0-10)</b>						
<b>Symptoms (VAS 0-10)</b>	<b>Cognitive Impairment/Confusion</b>						
	<b>Pain 1: location: type: (0-10)</b>						
	<b>Pain 2: location: type: (0-10)</b>						
	<b>Nausea (0-10)</b>						
	<b>Constipation</b>						
<b>Signs</b>	<b>Other 1 (ie: fatigue)</b>						
	<b>Other 2 (ie: disease specific Sx - dysphagia)</b>						
	<b>BP</b>						
	<b>Urinalysis</b>						
	<b>edema</b>						
	<b>CNS</b>						
<b>Lab</b>	<b>Skin irritation</b>						
	<b>tachypnoea</b>						
<b>Medications</b>	<b>Lab</b>	<i>eGFR etc</i>					
	<b>Realt specific Rx</b>	<b>Systemic:</b>					
		<b>Biological:</b>					
		<b>Hormonal:</b>					
		<b>Surgical</b>					
		<b>Other:</b>					
	<b>Symptom Control</b>	<b>Opioid SR:</b>					
		<b>Opioid IR:</b>					
		<b>Antiemetic:</b> (eg: metoclopramide)					
		<b>Bowel Protocol:</b>					
<b>Adjuvant 1:</b> (?neuropathic pain)							
<b>Care Plan</b>	<b>Adjuvant 2:</b> (?dexamethasone)						
	<b>DNR</b> Home DNR form: <input type="checkbox"/> Discussion:						
	<b>Palliative Care Program Referral</b> Benefits Form: <input type="checkbox"/> Discussion: Home care: <input type="checkbox"/>						
	<b>Advance Directive</b> <input type="checkbox"/> Discussion:						
	<b>Proxy:</b> <b>Phone:</b>						

# General Practice

Major emphasis by Ministry to support and reverse trends

PSP

Billing Codes

Complex Care Fees	14033	= \$315 pa
Follow up	14039	= \$15
Community Conf	14016	= \$40/ 15 min
Facility Conf	14015	= \$40/ 15min

# General Practice

- Primary Care Charter
  - Integrated Health Networks
  - “Divisions” of General Practice
  - end of life care a priority
- Provincial Framework for EOL Care
  - Action Plan being formulated

# Advance Directives

- New legislation in BC
- The Conversation not the Form
- Context – relational not hierarchical
- Regional / provincial approach

# The Way Ahead

- Shared Care Models
- GP “champions”
- Combined “rounds”