



Hosted by BC Transplant and the BC Renal Agency

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# Why Home Therapies Can Work For Every Patient

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# Objectives

- Understand independent dialysis within the home and health care centers
- Identify barriers and solutions to increase independent dialysis

Provincial Target is 32% of all patients on dialysis to be on home based modalities.



Currently home based modalities at 31.2 %  
(August 2012).





**LIVE YOUR LIFE**

**Dialyze At Home**



Home-based therapies allow you to  
**WORK • PLAY • TRAVEL • ENJOY FAMILY.**



[independence@bcpra.ca](mailto:independence@bcpra.ca)  
[bcrenalagency.ca](http://bcrenalagency.ca)



There's no place like home!

# Which patient would you refer?

## Patient A

- 27 year old female
- On hemodialysis for only a few months
- Works part-time
- Lives alone
- Would like to go back to school

## Patient B

- 92 year old male
- Has prostate cancer
- On palliative care program
- Wheelchair bound
- Colostomy
- Lives with partner

# Which patient would you refer?

## Patient A

- 62 year old female
- Lives alone in a mobile home in Hope
- On home oxygen
- Does not drive and relies on her friends for transportation

## Patient B

- 58 year old male
- Has had several previous abdominal surgeries
- Wants to travel around North America in his RV
- Is morbidly obese (150kg+)





**All of these patients are candidates for home dialysis!**





# It's all in one's perspective...

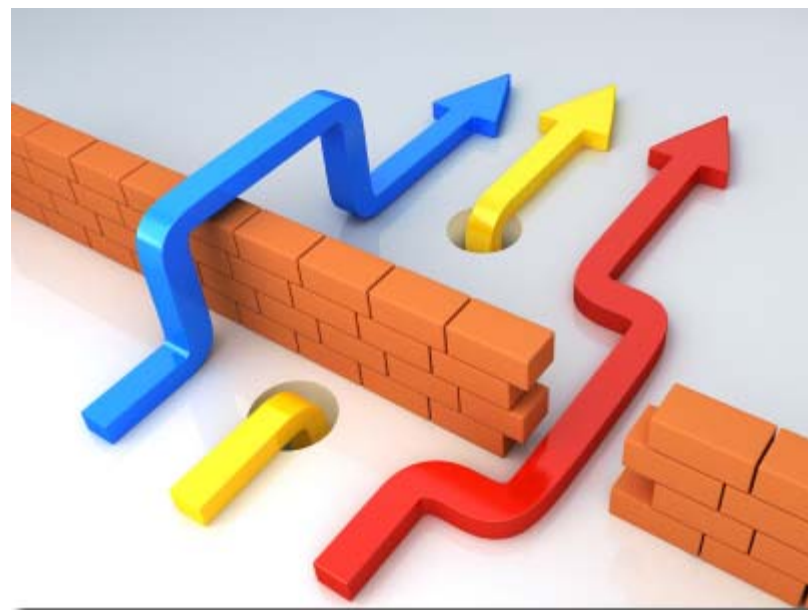
- Some people see a young woman
- Some people see an old woman



# It's all in one's perspective...

- Some people see barriers to independence...

- Colostomy
- Obesity
- Needle Phobic
- Unstable vascular access
- Hemodynamic instability
- Cancer
- Learning disability



- Some people see reasons to promote independence...

***Top 10  
Misconceptions  
about Home  
Dialysis***



## Misconception #10

**Once a patient  
has chosen a  
modality they  
cannot change  
their mind.**





## Misconception #9

Patients living in:  
apartment, mobile  
home, rentals, limited  
storage, or have no  
home are not Home  
Dialysis candidates.









# Self-Care Units in the Province



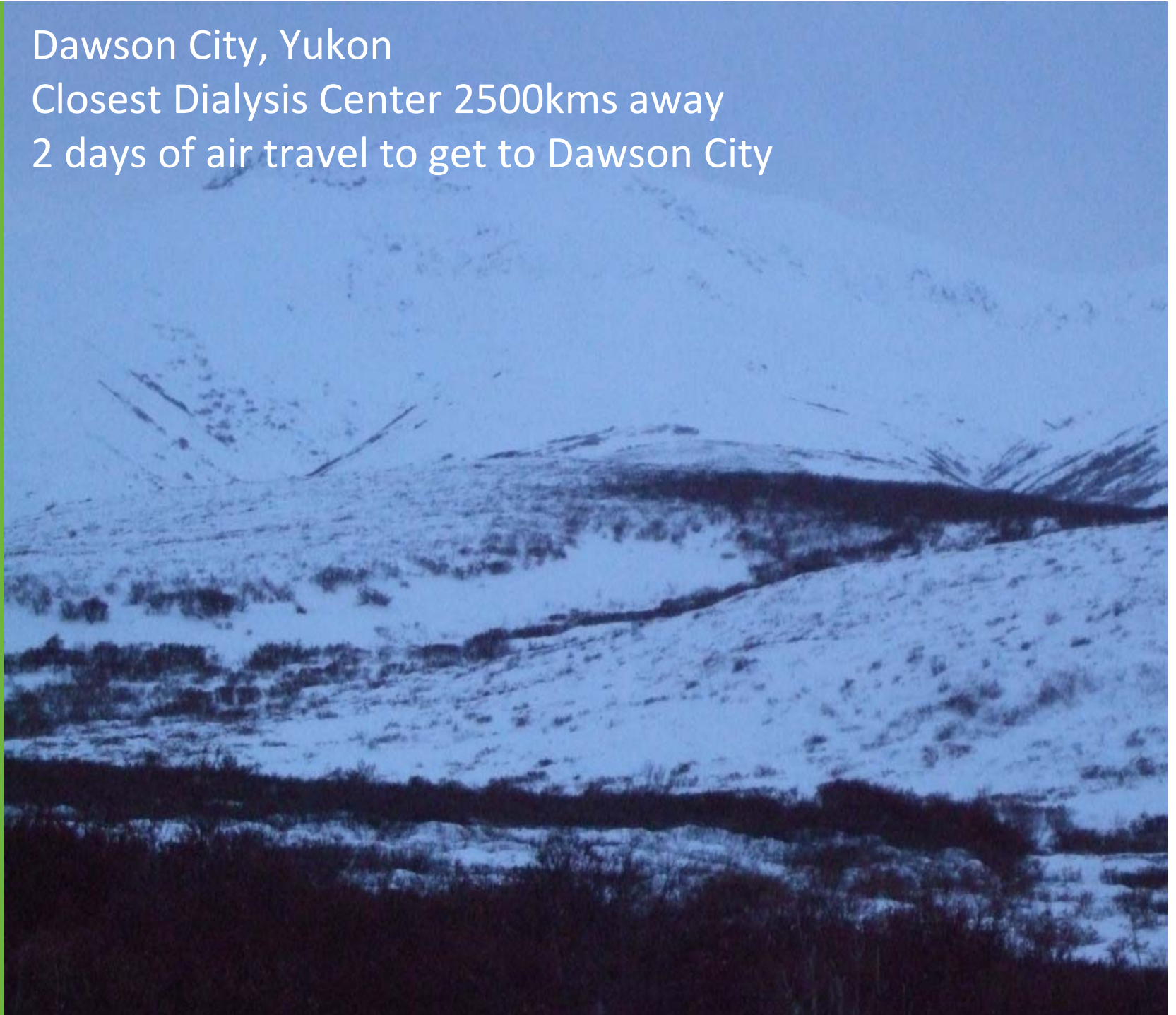
A solution for our homeless patients

## Misconception #8

**Patients who live far away from the dialysis unit are not suitable for Home Dialysis.**



Dawson City, Yukon  
Closest Dialysis Center 2500kms away  
2 days of air travel to get to Dawson City

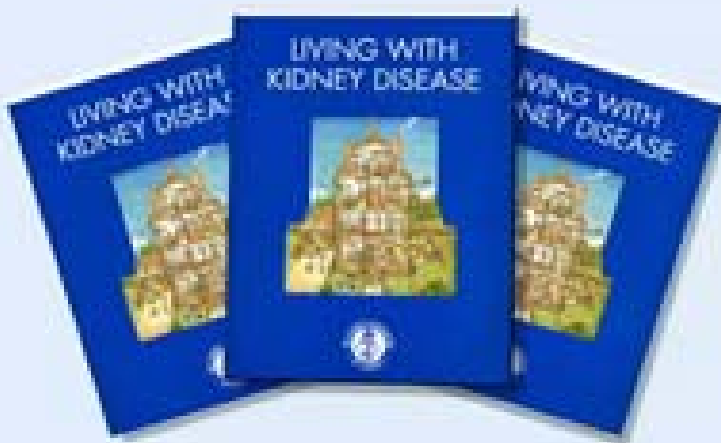




## Misconception # 7

**Patients already  
on dialysis do not  
require further  
information on  
dialysis options.**





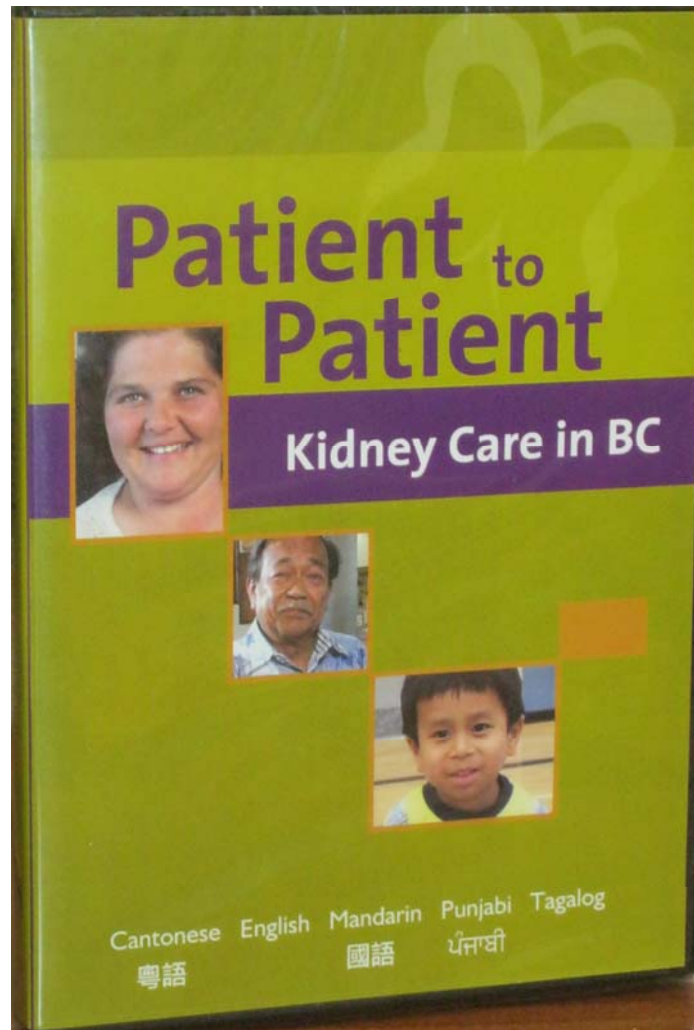
**Research has found that only 73% of patients received some sort of Renal Replacement Education (RRT) prior to starting dialysis.**

# RRT Orientation

**Table 1: Number of patients who started dialysis or received a pre-emptive transplantation in 2009 and number of RRT orientations at PHC.**

<b>Follow-up status</b>	<b>Clinic n=65</b>	<b>Office n=53</b>	<b>Office + Allied n=16</b>	<b>N/A n=24</b>	<b>Total n=158</b>
<b>Mean age in years</b>	<b>63.5</b>	<b>72.4</b>	<b>62.0</b>	<b>61.4</b>	<b>65.9</b>
<b>Renal replacement orientation given (Yes)</b>	<b>57 (88%)</b>	<b>36 (68%)</b>	<b>12 (75%)</b>	<b>11(46%)</b>	<b>116 (73%)</b>
<b>Conventional Hemodialysis</b>	<b>37 (57%)</b>	<b>42 (79%)</b>	<b>10 (63%)</b>	<b>20 (83%)</b>	<b>109(69%)</b>
<b>Peritoneal Dialysis</b>	<b>21(32%)</b>	<b>10 (19%)</b>	<b>6 (38%)</b>	<b>4 (17%)</b>	<b>41(26%)</b>
<b>Home Hemodialysis</b>	<b>2 (3%)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2 (1%)</b>
<b>Pre-emptive transplant</b>	<b>5 (8%)</b>	<b>1(2%)</b>	<b>0</b>	<b>0</b>	<b>6 (4%)</b>





- Don't be afraid to explore different options with your patients.
- Involve your Home Dialysis team members to speak with patients.

## Misconception # 6

**Doing Home  
Dialysis means  
patients always  
dialyze for eight  
hours every day.**



## **Peritoneal Dialysis (PD)**

- **Continuous Ambulatory Peritoneal Dialysis (CAPD)**
- **Continuous Cycling Peritoneal Dialysis (CCPD)**

## **Hemodialysis (HD)**

- **Conventional**
- **Short Daily**
- **Nocturnal**
- **Independent In-center Nocturnal**
- **Self-Care Hemodialysis Units (during day)**

**Or a hybrid of both therapies**

## Misconception #5

**Patients need  
to speak  
English.**





24 Hour Help Lines





## Misconception #4

**All patients  
require a partner  
if they are going  
to do dialysis at  
home.**



HOME ALONE  
&  
HOME ALONE 2:  
LOST IN  
NEW YORK





## Misconception # 3

**Patients can  
no longer  
travel.**









## Misconception # 2

**Home Dialysis  
is only suitable  
for patients  
less than 75  
years old.**



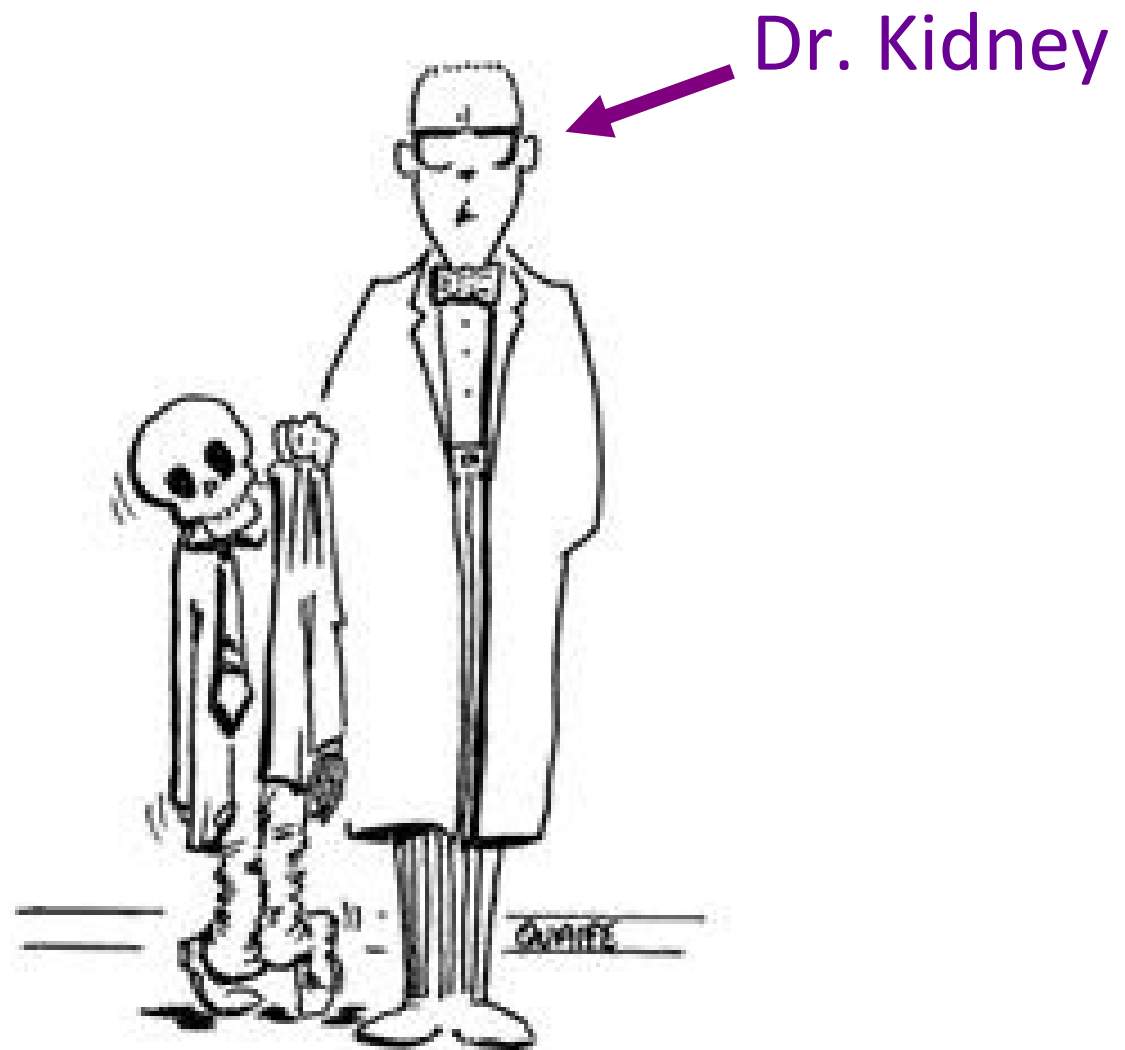


And the # 1 Misconception is...

Only a  
nephrologist  
can refer a  
patient to  
Home Dialysis.



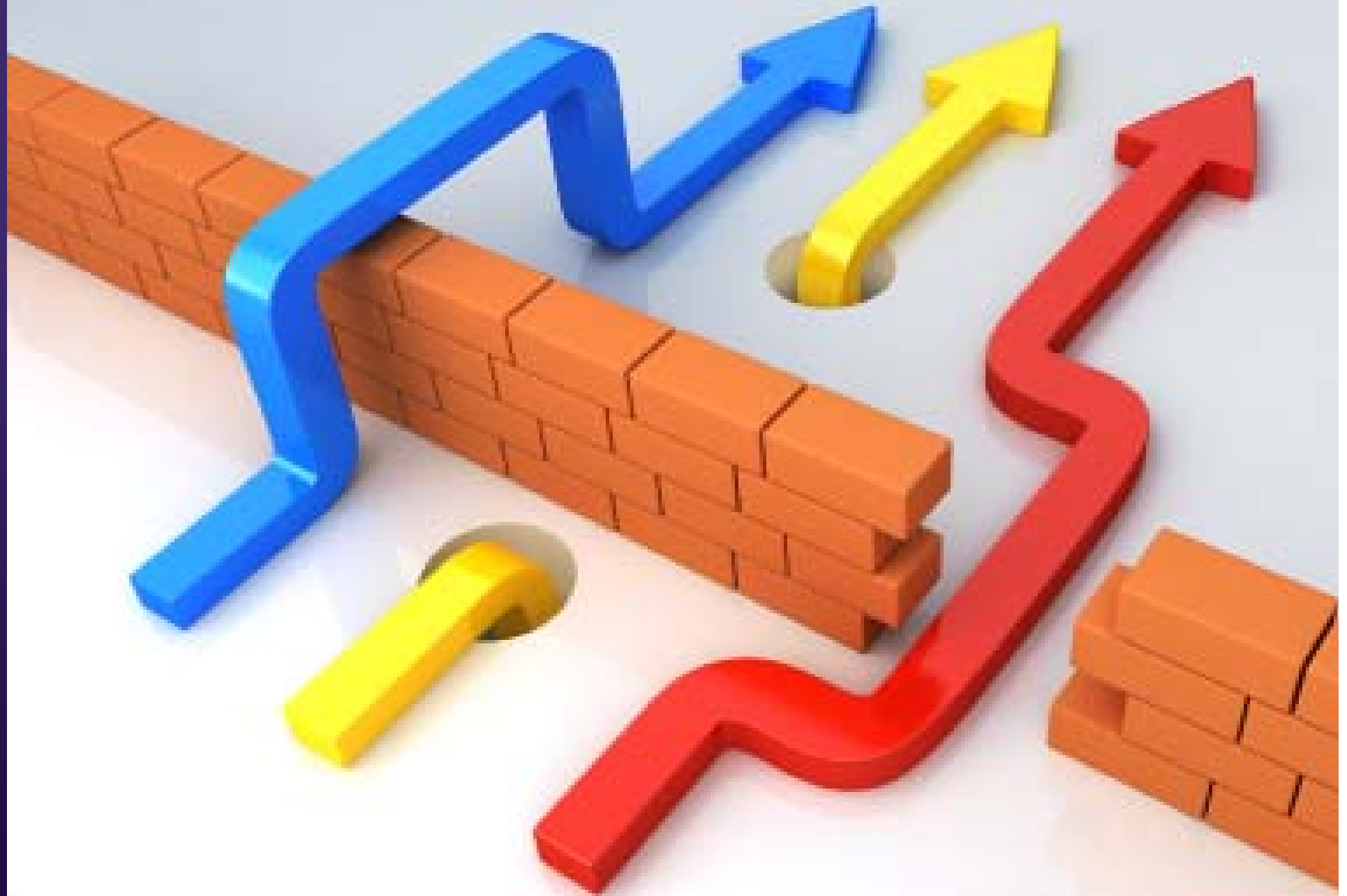




Meet Mr. Bates, our perfect patient. He controls his fluid levels by not drinking and his potassium, cholesterol and phosphates by not eating.



# **We overcome barriers**



# Open Referral Process

- We accept referrals from anyone (patients, staff, etc)
- We just need a name
- We work as a province as opposed to individual health authorities
- [Independence@bcpra.ca](mailto:Independence@bcpra.ca)



ISD6

Get to know your  
independent dialysis team!



# Where are the Independent Dialysis Units in B.C.?



We're everywhere!

# Northern Health Authority (NHA)

## PD Units

University Hospital of Northern  
British Columbia (Prince George)

## Home Hemodialysis Units

University Hospital of Northern  
British Columbia (Prince George)



# Interior Health Authority (IHA)

## PD Units

Kelowna General Hospital

Kootenay Boundary Regional Hospital (Trail)

Penticton Regional Hospital

Royal Inland Hospital (Kamloops)

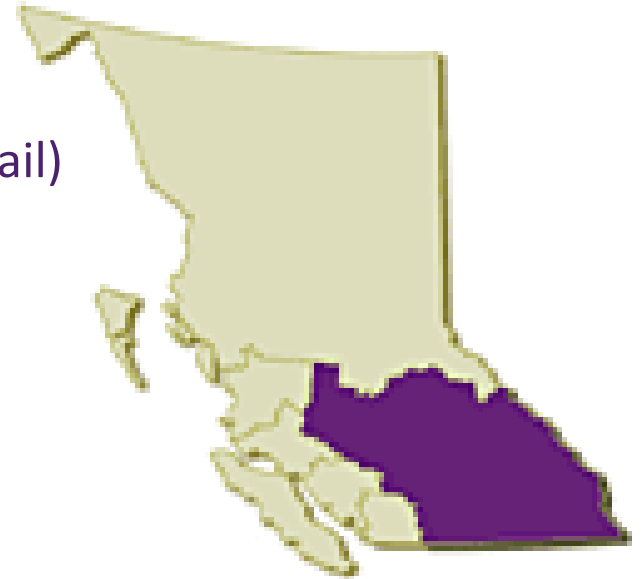
## Home Hemodialysis Units

Kelowna General Hospital

Kootenay Boundary Regional Hospital (Trail)

Penticton Regional Hospital

Royal Inland Hospital (Kamloops)





# Fraser Health Authority (FHA)

## PD Units

Abbotsford Regional Hospital

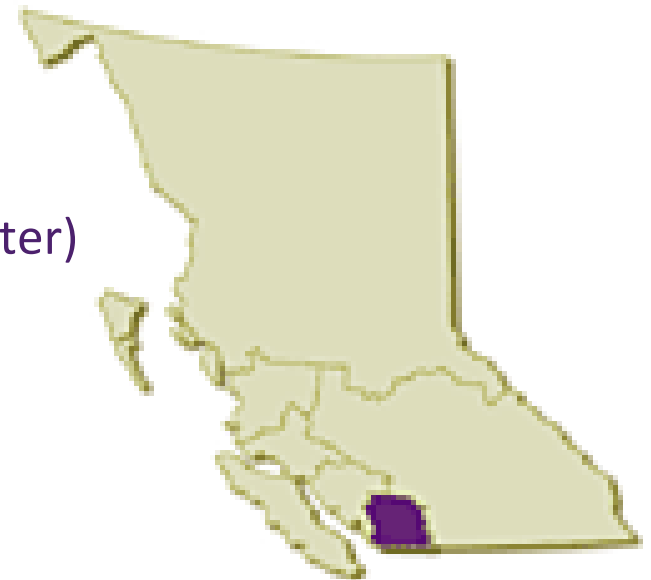
Royal Columbian Hospital (New Westminster)

## Home Hemodialysis Units

Tri-Cities Community Dialysis

Panorama Community Dialysis (Newton)

More to come.....



# Vancouver Coastal Health Authority (VCHA)

## PD Units

St. Paul's Hospital

Vancouver General Hospital

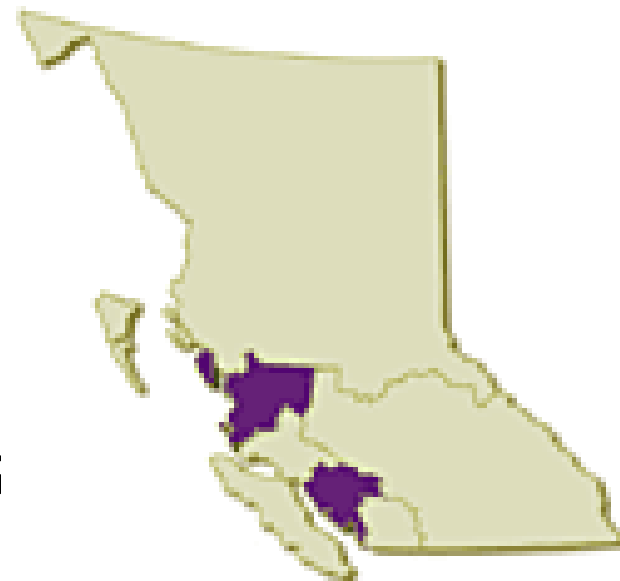
BC Children's Hospital

## Home Hemodialysis Units

Vancouver General Hospital

Richmond Community Dialysis Unit

North Shore Community Dialysis Unit



# Vancouver Island Health Authority (VIHA)

## PD Units

Royal Jubilee Hospital (Victoria)

Nanaimo Regional General Hospital

## Home Hemodialysis Units

Royal Jubilee Hospital (Victoria)





**Please don't rule out anyone...**  
**When there's a will there's a way.**



# Take Home Messages

- **Refer all patients interested in Home Dialysis**
- **Home Dialysis teams identify ways to overcome barriers**
- **More supports to come in the future (PD Assist, Telehealth, Virtual Clinic)**
- **Focus on fitting patients' lifestyles instead of their physical abilities**

# If we build it, they will come





# References

- Black A, Copland M., Sondrup B., Trask M., (2011). Supporting Patient Choice: An Intervention to Promote Independent Dialysis Therapies, *Nephrology Nursing Journal*. 38 (6)
- Davis K; Ash R; Rabetoy CP. (2008 ). Controversies in nephrology nursing. Home hemodialysis vs. peritoneal dialysis. *Nephrology Nursing Journal*, 35 (3), 291-3.
- Goovaerts, Jadoul, Goffin, 2005; Manns et al, 2005; Mehrotra, Marsh, Vonesh, Peters, & Nissenson, 2005; Morton, Howard, Webster, & Snelling, 2010; Piccoli et al., 2005; Zhang et al.,( 2010) Promoting Home Dialysis
- Li, P.K., Chow, K.M. (2009). Peritoneal dialysis patient selection: characteristics for success. *Advances in Chronic Kidney Disease*, 16 (3), 160-8.
- Lingerfelt, K., Thornton K., (2011) An Educational Project for Patient on Hemodialysis to Promote Self-Management Behaviours of End Stage Renal Disease, *Nephrology Nursing Journal*. 39 (6)
- Redmond, A., & Doherty, E. (2005). Peritoneal dialysis. *Nursing Standard*, 19 (40), 55-66, 68.
- Wilson, J., & Nissenson, A.R. (2002). Determinants in APD selection. *Seminars in Dialysis*, 15 (6), 388-92.