



WESTERN  
CANADA

PD  
DAYS

February 7th-9th, 2013

# **On-Call PD Nursing: Fraser Health's Perspective**

**Katie Cave RN BScN CNeph(C)**

# Objectives

- Describe on-call PD Nursing system of the Fraser Health PD Program
- Understand the role of the on-call PD Nurse

# Fraser Health PD Program

- Based at two facilities:

Abbotsford Regional  
Hospital and Cancer  
Centre



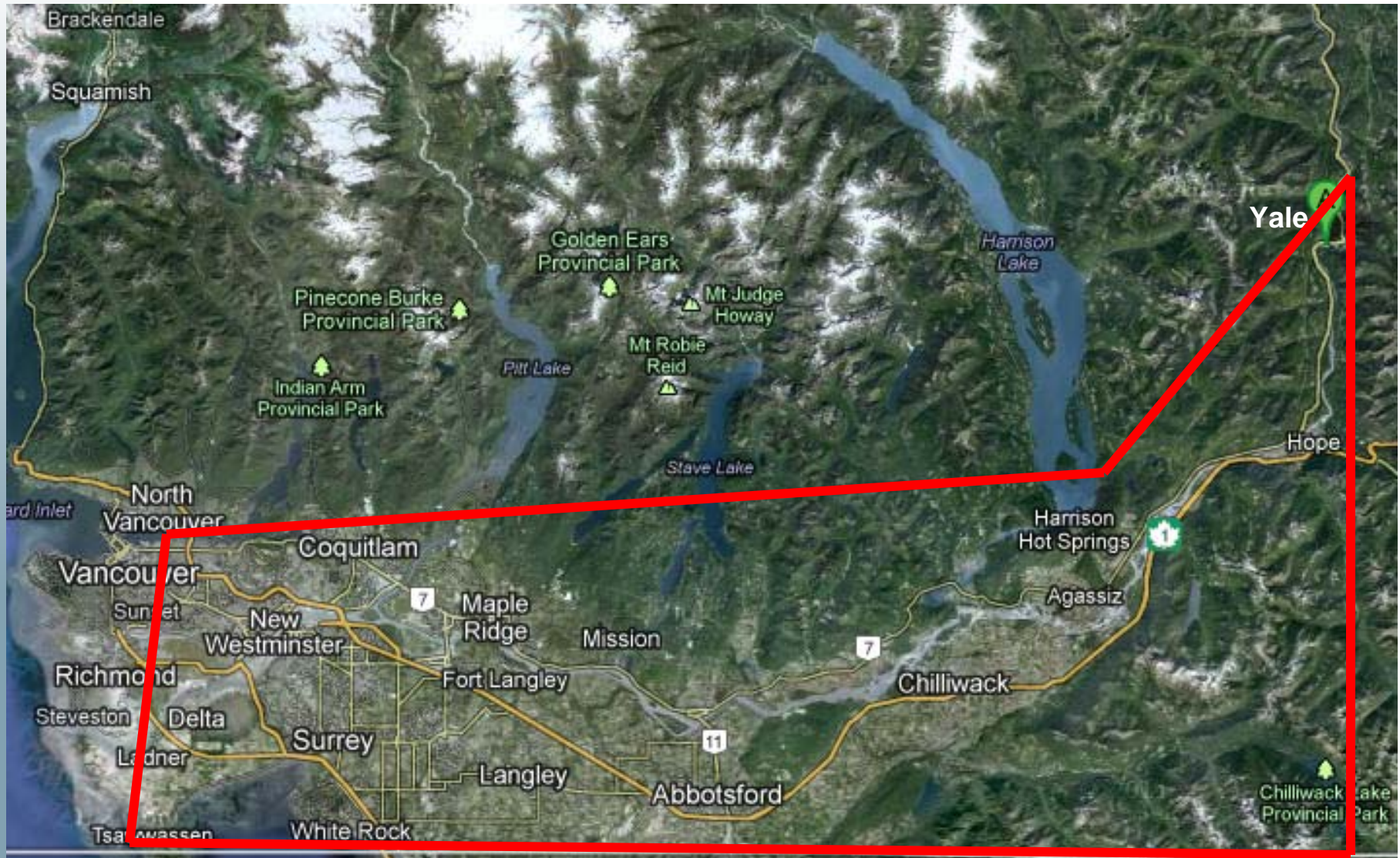
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Royal Columbian  
Hospital

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# Fraser Health PD Program



# Fraser Health PD Program

- Total of patients followed between ARH and RCH PD Programs: 314
- Services Provided by PD Program:
  - Orientation of potential PD patients
  - Bedside PD catheter insertions
  - Intermittent peritoneal dialysis (IPD)
  - Patient/caregiver PD training (CAPD and CCPD)
  - Clinic assessments (every 1-3 months)
  - Drop-in care
  - Home Visits
  - Phone Support
  - Weekend On-Call Support

# Why is on-call PD Nursing important?

## **Prevents hospitalization**

- Patients can remain at home and issues can be dealt with over the phone
- If patients must go to the hospital then they can be seen quickly in the ER or PD Unit and sent home the same day
- Quick intervention prevents the progression of issues from becoming serious complications

# Why is on-call PD Nursing important?

## **Provides support of patients and caregivers**

- Decreases frustration and sense of isolation
- Reduces anxiety of recently trained or discharged patients
- Increases patients' confidence and satisfaction
- Reinforces concepts learned during training

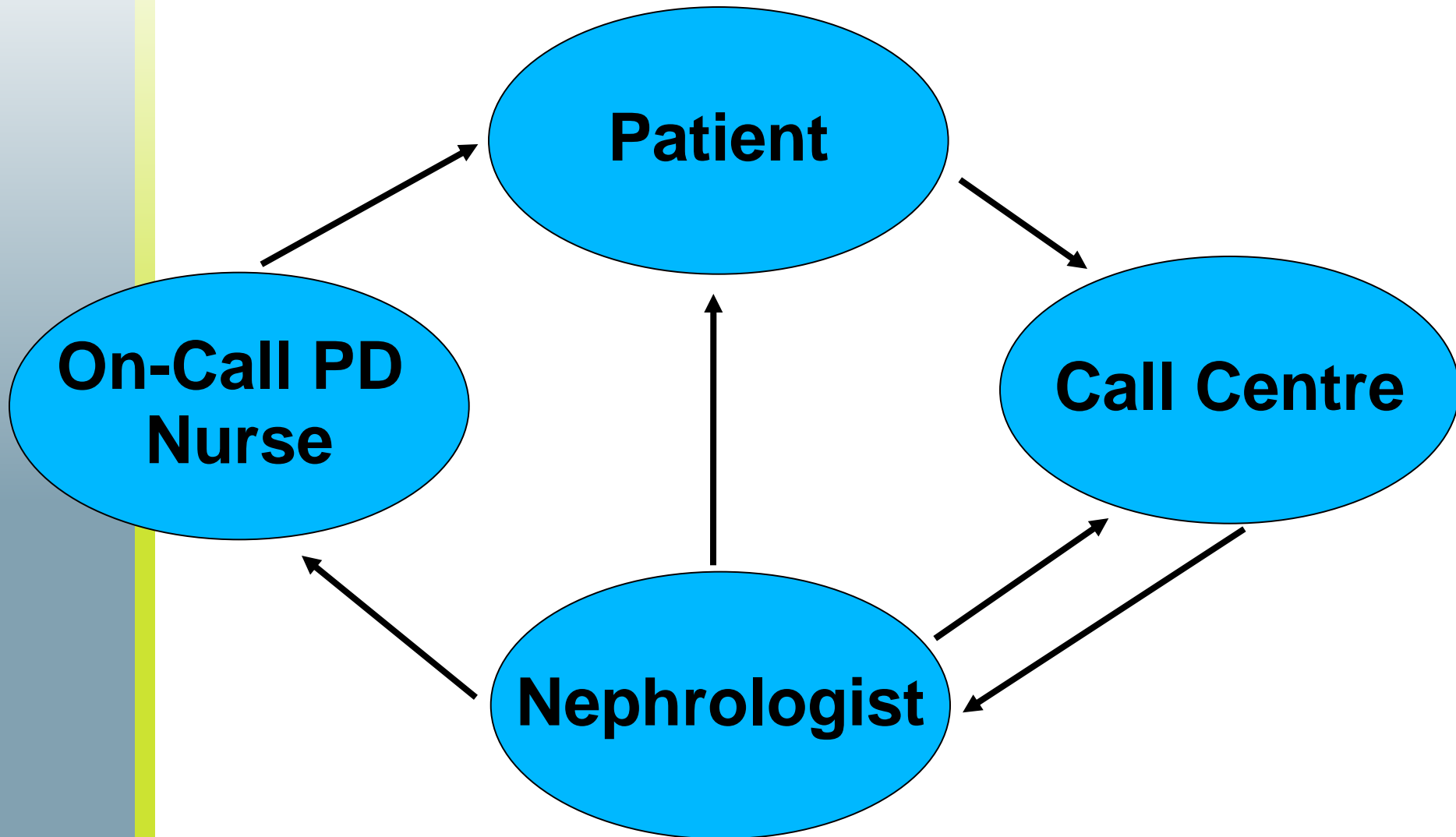
# Why is on-call PD Nursing important?

**Enables coordination of appropriate care in a timely manner**

- Quick response and resolution of patient concerns/problems
- Improved quality and continuity of patient care



# Fraser Health PD On-Call Support System



# Scenarios

A patient who was discharged home on Friday comes to clinic the following Tuesday with severe fluid overload and has to be re-admitted.

You learn that the patient did not use the cycler over the weekend as it was alarming profusely and would not progress past the initial drain.

# Scenarios

For the past week you have been training a new patient how to do CAPD.

It is now Friday afternoon of a long weekend, and you are concerned that this patient still does not understand how to choose solutions according to her fluid balance.

# Scenarios

On Monday morning you hear that one of your patients was in the ER all weekend as his catheter was blocked with fibrin.

The patient is so frustrated that he states that the next time he has a problem he'd rather wait at home until the clinic is open instead of going to the ER.

# On-Call PD Nurse

- PD nurse on-call rotation shared between ARH and RCH PD Units
- Nurses are on-call once every 9 weeks
- Saturday and Sunday 0800-1600
- Each site has an on-call bag with a cell phone and pager (devices share the same number)

# On-Call PD Nurse

## Carries a bag that contains:

- Dressing Supplies  
(Statlocks, Mefix, gauze, dressing tray, normal saline, masks)
- Repair Supplies  
(Tube occluding forceps, beta cap clamp, sterile scissors, titanium adaptor, transfer set, minicaps)
- Peritonitis Supplies  
(Needles (22G and 18G), alcohol swabs, lidocaine, heparin, syringes (3mL and 10mL), sterile water, dead end caps)



- Cell phone and charger
- Pager (and extra batteries)
- Binder containing:
  - Contact numbers
  - Protocols and procedures
  - Maps and resource information

# Reasons Patients use On-Call System

- **PD Catheter Issues**

- Hole in catheter
- Transfer set disconnected from PD catheter
- Not draining
- Not filling
- Fibrin

- **Fluid Volume Issues**

- Hypervolemia
- Hypovolemia
- Dialysate selection

# Reasons Patients use On-Call System

- **Equipment issues**
  - Errors or alarms on Cyclor
  - Cyclor programming
  - Run out of supplies
- **Infection**
  - Peritonitis
  - Exit site or tunnel infection
  - Contamination of PD catheter or transfer set
- **Reassurance**
  - Newly trained patients with questions



# Conclusion

- **The on-call PD nursing system plays a vital role in the FH PD Program**
- **On-call PD Nursing:**
  - Prevents hospitalization
  - Source of support for patients and families
  - Enables coordination of appropriate care in a timely manner

# References

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