



# GP Surgery And Anesthesia In BC

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# Does It Matter?

- Infrastructure/cornerstone of rural health care
  - Programs (Maternity, ER)
  - Recruitment and retention
  - Inclination to care for the reasonably ill patients
  - Community economic and social resource

# Has the Delivery of Rural Surgery Changed ?

- New data
  1. List of FPA' s by community (LP- RCCBC)
  2. List of GPS by community
    1. Incomplete data on their scope of practice
    2. Nothing on their location/scope of training

# Talking Points

- Changes in Rural Surgery 1995 – Present
- Significance for FPA
- Significance for GPS
- How We Might Move Forward? FPA
- How We Might Move Forward? GPS
- Role for RCCBC?



# Changes in Rural Surgery: 1995 - Present

## 1995 : BC's Small Volume Programs-GPS

- |                   |                    |                 |
|-------------------|--------------------|-----------------|
| 1. Hazelton       | 8. Dawson Creek    | 15. Grand Forks |
| 2. Smithers       | 9. Kitimat         | 16. Princeton   |
| 3. Burns Lake     | 10. 100 Mile House | 17. Fernie      |
| 4. Vanderhoof     | 11. Golden         | 18. Lilloet     |
| 5. Fort St. James | 12. Revelstoke     | 19. Bella Coola |
| 6. Fort St. John  | 13. Creston        | 20. Bella Bella |
| 7. Fort Nelson    | 14. Castlegar      |                 |

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- |                              |                          |                            |
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| 2 <b>Smithers</b>            | 9. Kitimat               | <del>16. Princeton</del>   |
| <del>3 Burns Lake</del>      | 10. 100 Mile House       | 17. Fernie                 |
| 4 <b>Vanderhoof</b>          | 11. Golden               | 18. Lilloet                |
| <del>5. Fort St. James</del> | 12. Revelstoke           | <del>19. Bella Coola</del> |
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# Changes in Rural Surgery: 1995 - Present

## 4 Small, now Large, Volume Programs (Spec. Sx)

~~1. Hazelton~~

**2. Smithers**

~~3. Burns Lake~~

**4. Vanderhoof**

~~5. Fort St. James~~

**6. Fort St. John**

7. Fort Nelson

**8. Dawson Creek**

9. Kitimat

10. 100 Mile House

11. Golden

12. Revelstoke

~~13. Creston~~

~~14. Castlegar~~

~~15. Grand Falls~~

~~16. Princeton~~

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~~19. Bella Coola~~

~~20. Bella Bella~~



# Changes in Rural Surgery: 1995 - Present

## Since 1995: Attrition In Small Volume GPS Programs

	1995*	2011**
Small Volume Programs	20	7
FPA	53	12
GPS	41	10



\* Iglesias et al. Advanced Skills by Canada's Rural Physicians. Can J Rural Med 199; 4(4):227-31.

\*\* Survey (1) RCCBC, Dr. L. Prinsloo (FPA); (2) Dr. S. Iglesias (GPS)

# Changes in Rural Surgery: 1995 - Present

## Scope Of Practice Of GPS in Small Volume Programs

	1995	2011
c/s only	15	Hypothesis: mostly C/S?
appy only	1	
c/s and appy	18	
FPA and GPS	7	
Total GPS	41	10



# Changes in Rural Surgery: 1995 - Present

## 2014: BC's Large Volume Programs

- |                  |                    |                   |
|------------------|--------------------|-------------------|
| 1. Cranbrook     | 8. Squamish        | 15. Vanderhoof    |
| 2. Nelson        | 9. Duncan          | 16. Quesnel       |
| 3. Trail         | 10. Port Alberni   | 17. Fort St. John |
| 4. Salmon Arm    | 11. Campbell River | 18. Dawson Creek  |
| 5. Williams Lake | 12. Prince Rupert  |                   |
| 6. Powell River  | 13. Smithers       |                   |
| 7. Sechelt       | 14. Terrace        |                   |



# Changes in Rural Surgery: 1995 - Present

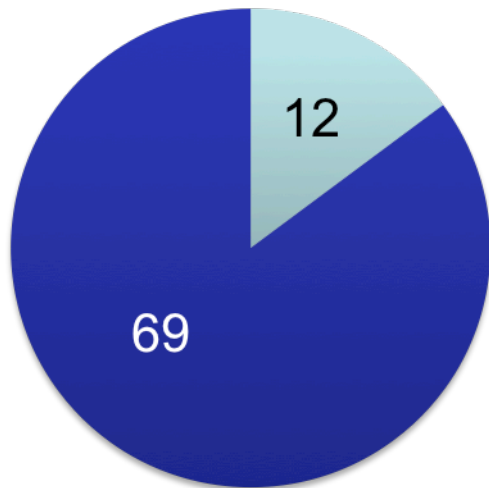
## 2011: BC's Rural Surgery



	FPA	GPS
Small Volume (7)	12	10
Large Volume (18)	69	30

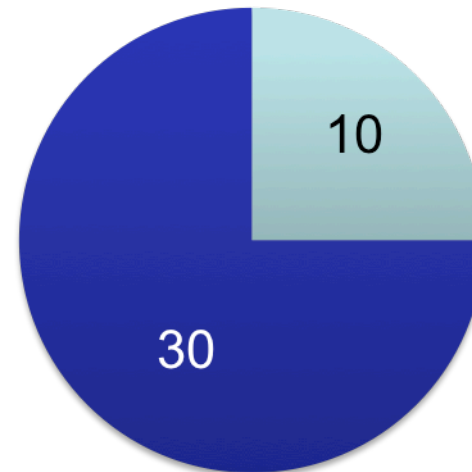
# 2014: BC's Rural Surgery

## FPA



- Small Volume
- Large Volume

## GPS



- Small Volume
- Large Volume

# Changes in Rural Surgery: 1995 - Present

## 2014: BC's Large Volume Programs

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# Why The Change?

- Health Policy?

- Few training programs for full service GPs
- Regionalization

- Evolution of Surgery?

- MIS surgery
- Imaging, especially CT and U/S
- “Superhero” not sustainable
- Loss of generalism in Gen Sx



# Small Volume Programs by Province

	<b>PROGRAMS</b>	<b>GPS</b>	<b>GPA</b>
	2000 (2011)	2000 (2011)	2000 (2011)
BC	20 ( <b>11</b> )	41 ( <b>29</b> )	53 ( <b>28</b> )
AB	41 ( <b>27</b> )	70 ( <b>63</b> )	85
SK	8 ( <b>8</b> )	11 ( <b>28</b> )	19
MB	7 ( <b>5</b> )	17 ( <b>9</b> )	22



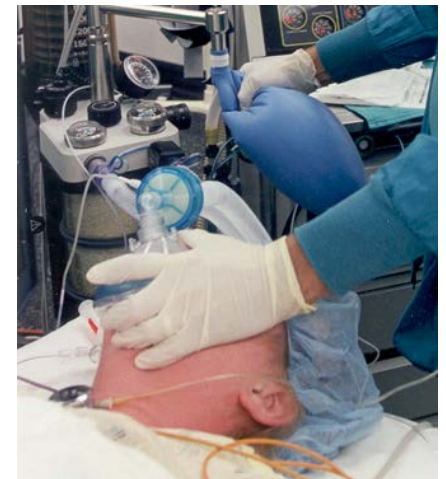
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# How FPA Has Changed

- Expanded Career Tracks For FPAs:
  - Family medicine/anesthesia
  - Anesthesia/ER
  - Anesthesia
- CME
  - Improved availability, accessibility
- More volume, more complex cases
- Improved relationship with specialists (fragile?)



# How FPA Has Not Changed

- Training program:
  - Same training for small vs. large volume programs?
  - No standardized curriculum
  - No certification
- Home ?
  - CAGA?



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# What Has Changed For GPS

- Past:
  - Broad scope of practice
  - Small volume programs
- Present:
  - Mostly c/s
  - Large volume programs
  - Improved relationship with Specialist OB



# What Has Not Changed For GPS

- Few Training opportunities
  - Only in Saskatchewan
  - BC's C/S program
- Relationship with surgeons
  - Gen Sx: impossible (except U of S)
- Credentialling is problematic
- CME - none at all
- Home?



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# How We Might Go Forward ? FPA

- Database:
  - Survey who is doing what/where
- Training program
  - Cognizant of small vs large volume programs
  - Largely **not** community driven
- CME
- Home
  - Responsive to different constituencies
  - RCCBC





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# How We Might Go Forward? GPS

- Database:
  - Survey who is doing what/where(incl spec)
  - Site visits
- Training program
  - GP C/S: is there a BC program?
  - Full service GPS
    - No teaching site in BC
    - Link with Sask-distributed education model?
- CME-presently none at all
- Home
  - RCCBC ??



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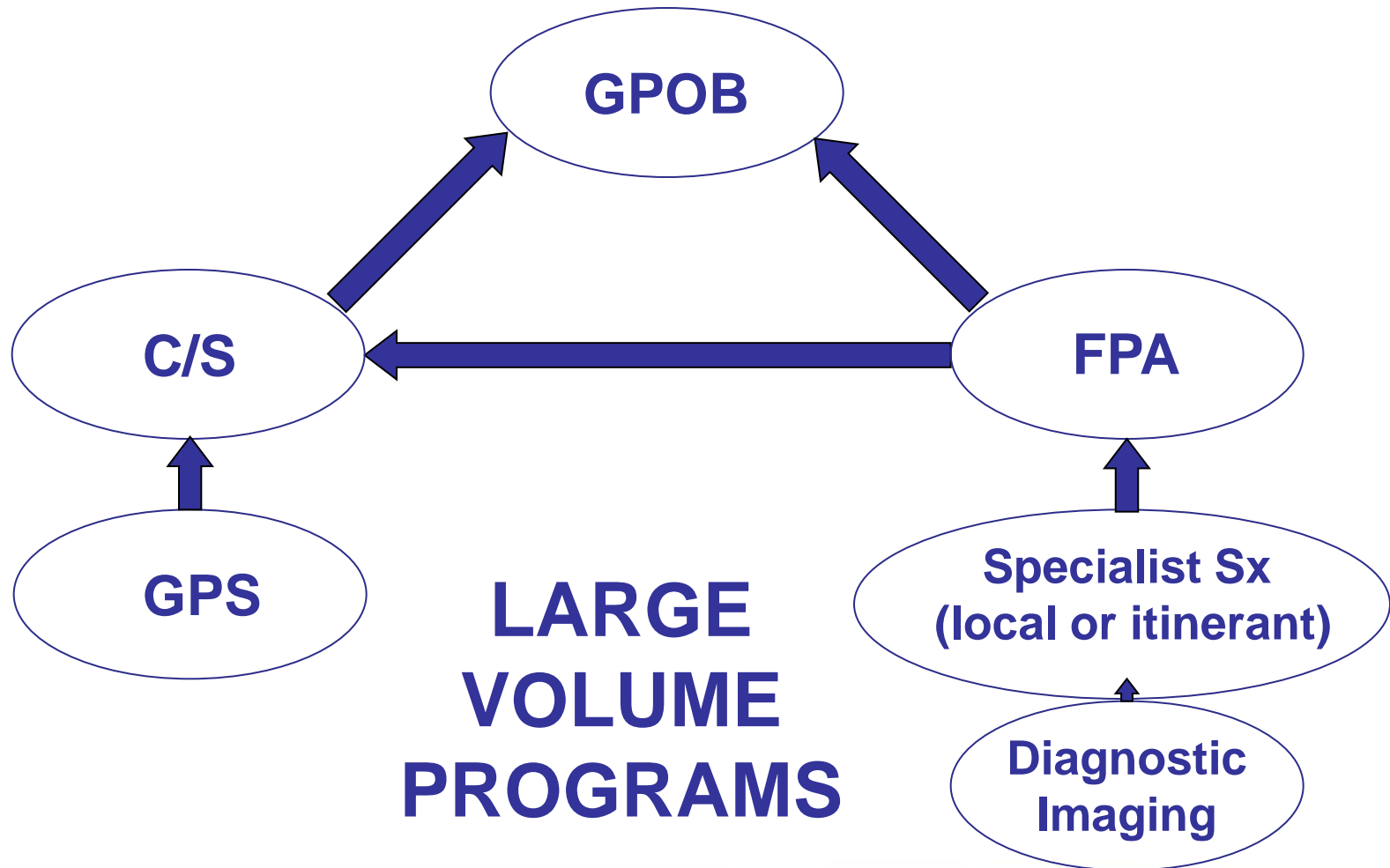
# Role for RCCBC

## To provide a home for FPA and GPS:

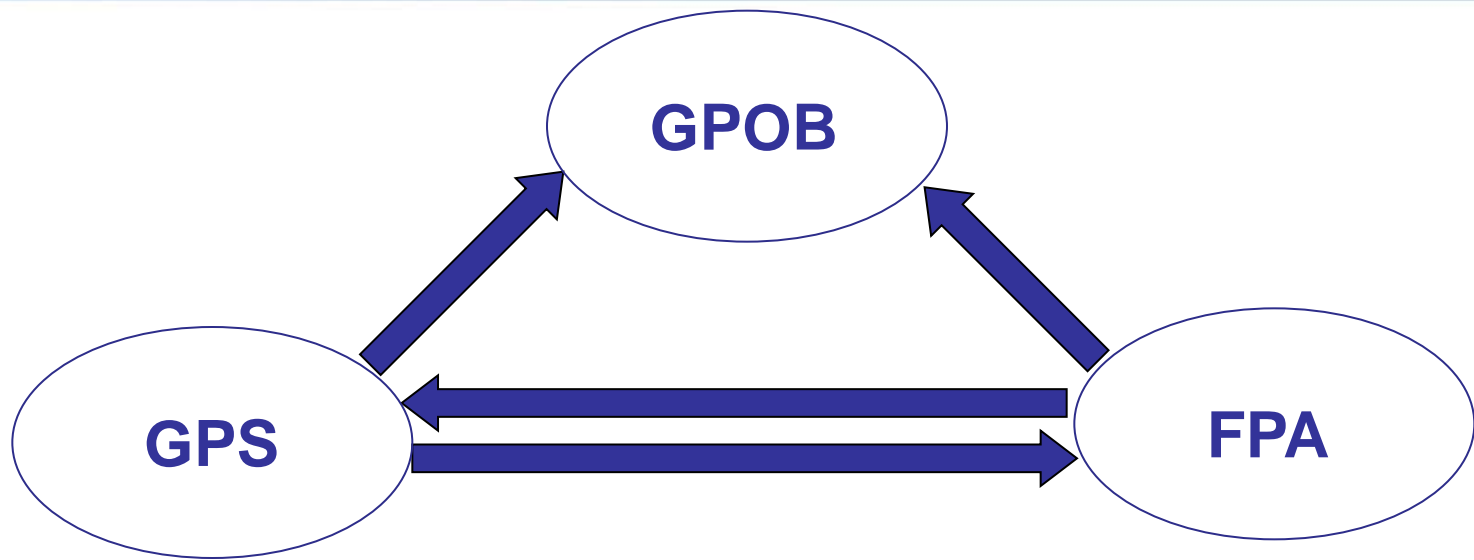
- Database (surveys, site visits)
- List serve/ teleconferences
- Training Programs-moving the agenda forward
- CME- organization/sponsor
- Liaison with other provinces (RPAP, U of S)
- Advocacy-Ministry, HA's, Medical Schools
- Admin support



# INTERFACE: GPOB / FPA / GPS



# INTERFACE: GPOB / FPA / GPS



**SMALL VOLUME  
PROGRAMS**

# DISTRIBUTED SURGICAL TRAINING PROGRAM ( U of S, UBC )

