

# Modernized Reference Drug Program

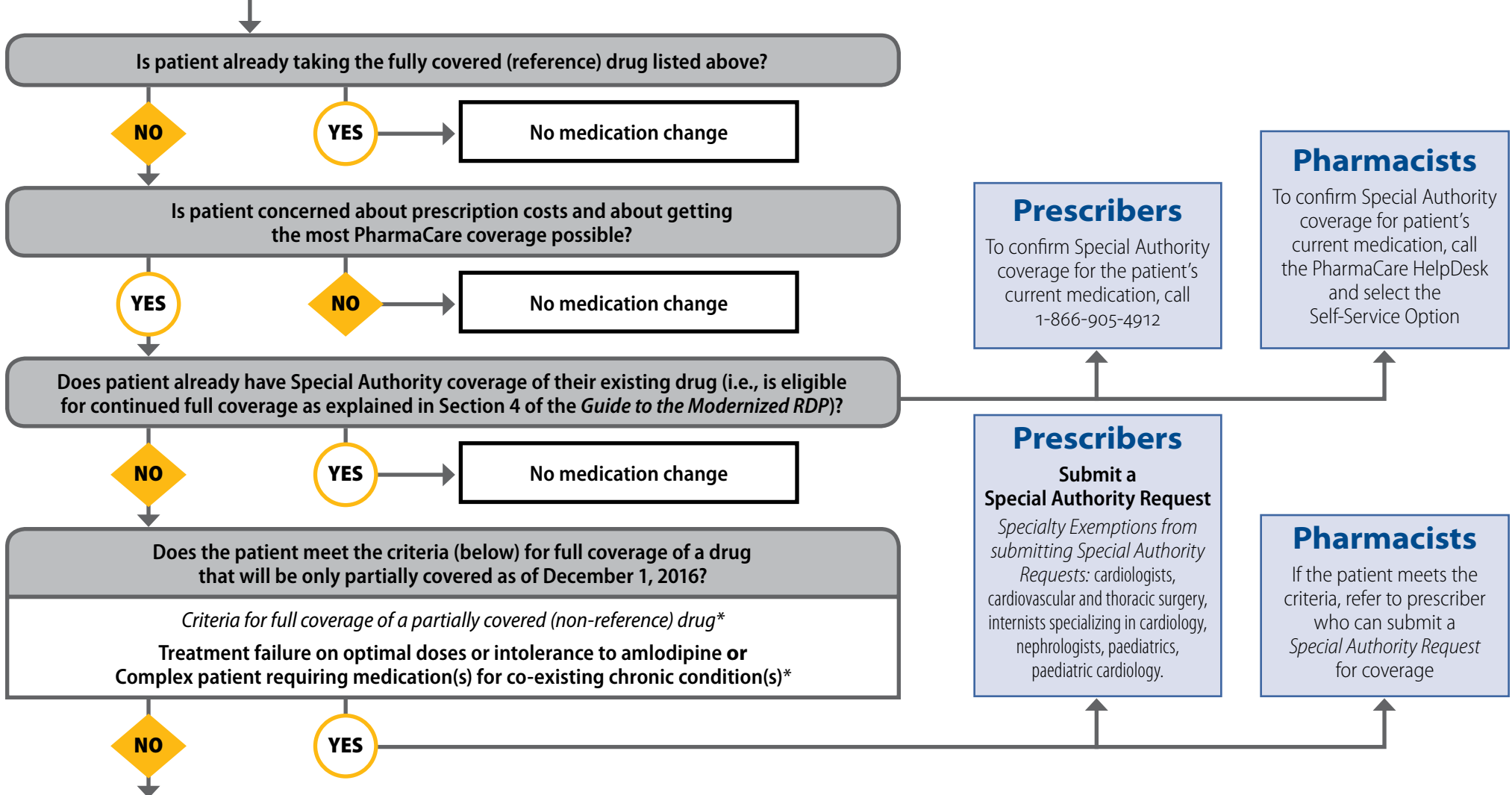
## Dihydropyridine Calcium Channel Blockers (CCBs)



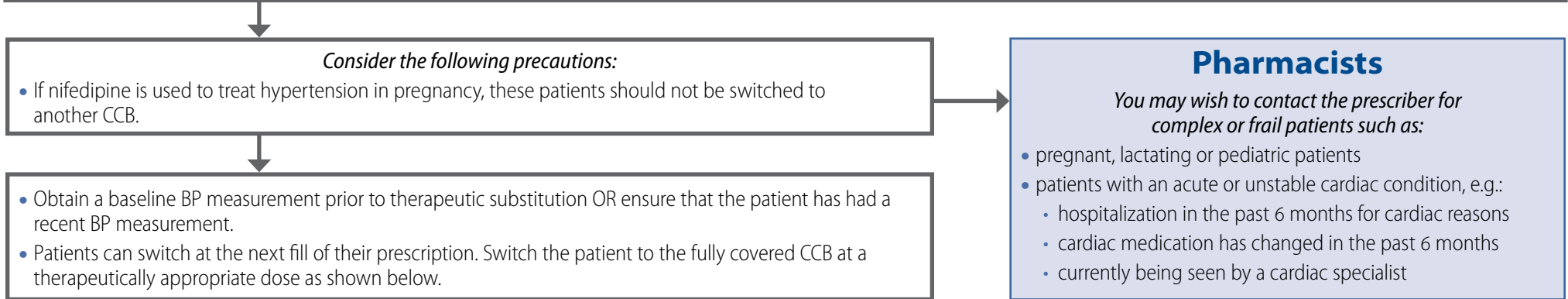
Fully Covered (Reference Drugs)	Partially Covered (Non-Reference Drugs)
• <b>Amlodipine</b>	• <b>Felodipine</b> • <b>Nifedipine</b> <i>extended release</i>

Information provided is not intended as a substitute for professional judgement.

### Step 1 – Does your patient need to switch medications to retain PharmaCare coverage?



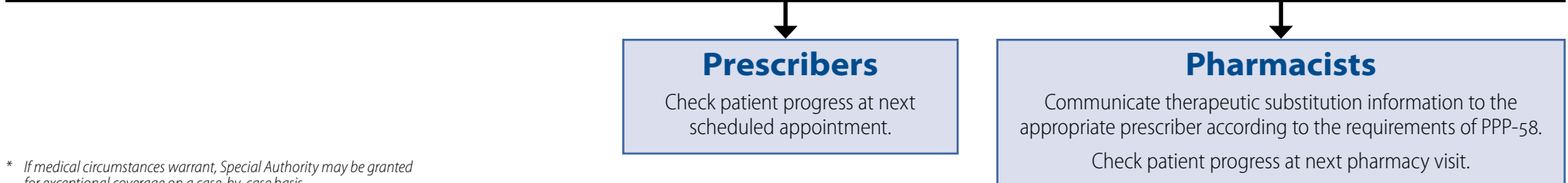
### Step 2 – Making the switch



Target Doses and Dose Adjustments <sup>1-4</sup>			
	Hypertension	Adjustments–Renal	Adjustments–Hepatic
• <b>Amlodipine</b>	<ul style="list-style-type: none"> <li>Initial: 5 mg daily</li> <li>Usual: 5-10 mg daily</li> <li>Max: 10 mg daily</li> </ul>	• None	• Initial dose: 2.5 mg daily
• <b>Felodipine</b>	<ul style="list-style-type: none"> <li>Initial: 5 mg daily (2.5 mg daily for elderly)</li> <li>Usual: 2.5-10 mg daily</li> <li>Max: 10 mg daily</li> </ul>	• None	• Initial dose: 2.5 mg daily
• <b>Nifedipine</b> <i>extended release</i>	<ul style="list-style-type: none"> <li>Initial: 20-30 mg daily</li> <li>Usual: 30-60 mg daily</li> <li>Max: 90 mg daily</li> </ul>	• None	• Caution: may need to reduce dose

Drug	Approximate Equivalent Dose <sup>5</sup>		
• <b>Amlodipine</b>	2.5 mg	5 mg	10 mg
• <b>Felodipine</b>	2.5 mg	5 mg	10 mg
• <b>Nifedipine</b> (extended release)	20 mg	30 mg	60 mg-90 mg

Monitor blood pressure. Inform the patient of the changes made, of any self-monitoring required, and of plans for follow-up.



\* If medical circumstances warrant, Special Authority may be granted for exceptional coverage on a case-by-case basis.

REFERENCES:

- CPS [Internet]. Ottawa (ON): Canadian Pharmacists Association; c2016 [updated 2011 Sep; cited 2016 Apr 25]. Calcium Channel Blockers [CPhA monograph] Available from [www.e-therapeutics.ca](http://www.e-therapeutics.ca). Also available in paper copy from the publisher.
- CPS [Internet]. Ottawa (ON): Canadian Pharmacists Association; c2016 [updated 2015 Jul; cited 2016 Apr 25]. Amlodipine [Sivem product monograph] Available from [www.e-therapeutics.ca](http://www.e-therapeutics.ca). Also available in paper copy from the publisher.
- CPS [Internet]. Ottawa (ON): Canadian Pharmacists Association; c2016 [updated 2015 Jan; cited 2016 Apr 25]. Adalat XL [product monograph] Available from [www.e-therapeutics.ca](http://www.e-therapeutics.ca). Also available in paper copy from the publisher.
- CPS [Internet]. Ottawa (ON): Canadian Pharmacists Association; c2016 [updated 2015 Jan; cited 2016 Apr 25]. Plendil [product monograph] Available from [www.e-therapeutics.ca](http://www.e-therapeutics.ca). Also available in paper copy from the publisher.
- Therapeutic Interchange Program and Prescription Interpretations at Vancouver Community of Care. Available at [www.vhpharmsci.com/vhformulary/\(2\)%20VA%20Copy%20of%20BCHA%20Formulary%20THERAPEUTIC%20INTERCHANGE%20PROGRAM.pdf](http://www.vhpharmsci.com/vhformulary/(2)%20VA%20Copy%20of%20BCHA%20Formulary%20THERAPEUTIC%20INTERCHANGE%20PROGRAM.pdf)