

Modernized Reference Drug Program

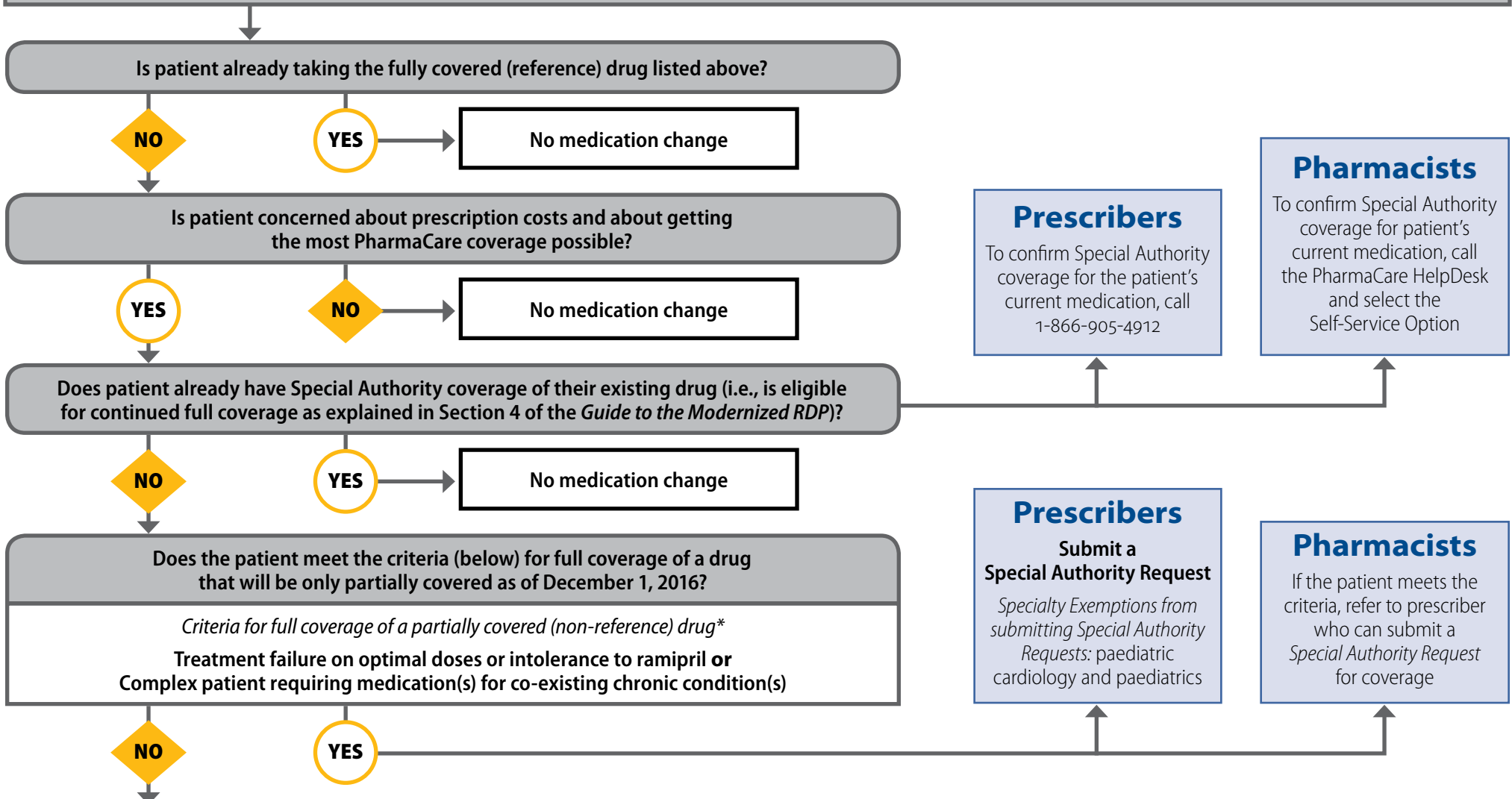
Angiotensin Converting Enzyme Inhibitors (ACEIs)



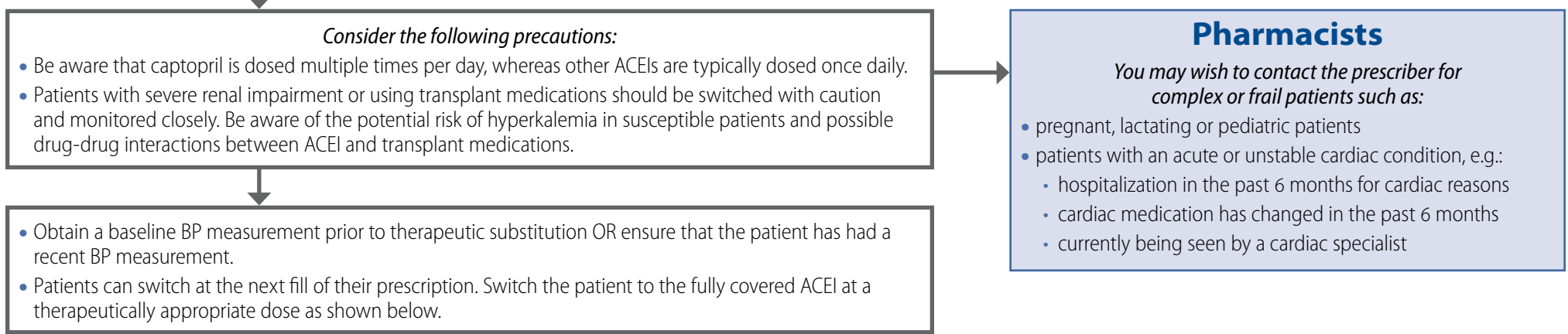
Fully Covered (Reference Drugs)	Partially Covered (Non-Reference Drugs)
<ul style="list-style-type: none"> Ramipril with/without Hydrochlorothiazide (HCTZ) 	<ul style="list-style-type: none"> Benazepril Captopril Cilazapril with/without HCTZ Enalapril maleate or sodium with/without HCTZ Fosinopril Lisinopril with/without HCTZ Perindopril Quinapril with/without HCTZ Trandolapril

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



Recommended dosage of Ramipril ¹	
Indication	Dose
Hypertension	<ul style="list-style-type: none"> Initial (monotherapy): 2.5 mg daily Initial (concomitant diuretic): 1.25 mg daily Usual: 2.5 mg to 10 mg daily (can divide BID) Max: 20 mg daily
Heart Failure	<ul style="list-style-type: none"> Initial: 1.25 mg to 2.5 mg BID Target: 5 mg BID
Renal Impairment	<ul style="list-style-type: none"> Initial: 1.25 mg daily CrCl 10 to 40 mL/min: Max 5 mg daily CrCl < 10 mL/min: Max 2.5 mg daily
Hepatic Impairment	<ul style="list-style-type: none"> Max dose 2.5 mg daily

Approximate equivalent doses of ACEI for blood pressure lowering ^{1,2}		
Drug	Approximate Dose Equivalence	Maximum Daily Dose
Ramipril	2.5 mg daily	20 mg
Benazepril	10 mg daily	40 mg
Captopril	12.5 mg three times daily	150 mg
Cilazapril	2.5 mg daily	10 mg
Enalapril maleate	5 mg daily	40 mg
Fosinopril	10 mg daily	40 mg
Lisinopril	10 mg daily	80 mg
Quinapril	10 mg daily	40 mg
Perindopril	2 mg daily	8 mg
Trandolapril	1 mg daily	4 mg

Monitor blood pressure, potassium, and renal function. 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 Oct; cited 2016 Apr 25]. ACE Inhibitors [CPhA monograph]. Available from www.e-therapeutics.ca. Also available in paper copy from the publisher.
- Therapeutic Interchange Program and Prescription Interpretations at Vancouver Community of Care. Comparison of Angiotensin Converting Enzyme (ACE) Inhibitors. Available at www.vhpharmsci.com/vhformulary/Tools/ACEI%20Comparison.pdf

Prescribers

Check patient progress at next scheduled appointment.

Pharmacists

Communicate therapeutic substitution information to the appropriate prescriber according to the requirements of PPP-58. Check patient progress at next pharmacy visit.