








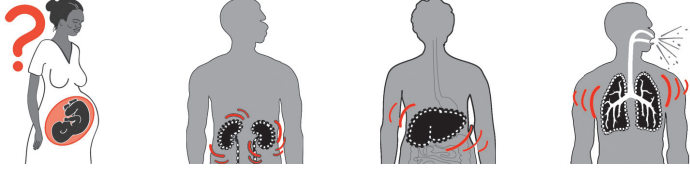








<p>Active ingredients (generic names)</p>	<p>ATENOLOL (a-ten-o-lol) BISOPROLOL (bis-o-pro-lol) CARVEDILOL (car-ve-dil-ole) METOPROLOL (me-toe-pro-lol) NEBIVOLOL (ne-biv-o-lol) LABETALOL (la-be-ta-lol)</p>  <p>Other beta-blockers Not included in this monograph — see <i>AMH</i> for information:</p> <ul style="list-style-type: none"> • Oxprenolol • Pindolol • Propranolol
<p>What it is used for</p>	<ul style="list-style-type: none"> • Chest pain (angina) • Chronic heart failure • Irregular heartbeat (arrhythmias) • Heart attack • Prevention of migraine • Lowering BP in <ul style="list-style-type: none"> ▸ Chronic kidney disease ▸ Coronary artery disease ▸ Hypertension (High BP) ▸ Hypertension (high BP) in pregnancy
<p>How it works</p>	<ul style="list-style-type: none"> • Beta receptors in heart increase BP and heart rate when activated • Beta-blockers <ul style="list-style-type: none"> ▸ Block these receptors to reduce workload of heart. Can also work in other parts of body ▸ Lower BP, slow heart, even out irregular heartbeats ▸ Lower risk of heart attacks, and death in people who have had heart attacks 
<p>Side effects</p>	<ul style="list-style-type: none"> • Coldness in fingers and toes <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;">  <p>Nausea</p>  <p>Slow pulse (heart rate)</p> </div> <div style="text-align: center;">  <p>Diarrhoea</p>  <p>Low BP</p> </div> <div style="text-align: center;">  <p>Breathing trouble</p>  <p>Sleepy</p> </div> </div>

 <p>Warnings</p>	 <p>Pregnant Kidney trouble (atenolol) Liver trouble Asthma or chronic lung disease</p>  <p>If pulse less than 50/min — medical consult</p> <p>Slow pulse (heart rate)</p>
	<p>Interactions — Do not use together without medical consult</p> <p>BETA-BLOCKERS with</p> <ul style="list-style-type: none"> • Amiodarone • Digoxin • Diltiazem • Verapamil
<p>Tell the patient</p> 	<ul style="list-style-type: none"> • Medicine may make you feel dizzy if you stand up quickly  <p>Do not stop taking medicine — you may not feel different, but medicine will help stop heart attack and stroke</p>  <p>Do not drive or operate machinery if sleepy</p>
	<p>Warning stickers (page 310): Atenolol, nebivolol 9, 12 Bisoprolol, metoprolol 9, 12, A Carvedilol 9, 12, 13, 16</p>
<p>Check</p>	 <p>Blood pressure</p>  <p>Pulse (heart rate)</p>