β-Blocker Side Effects

Mnemonic forthcoming…
β-Blocker Side Effects

--B
--L
--O
--C
--K
--E
--R

Mnemonic: BLOCKER
β-Blocker Side Effects

- Bronchospasm
- Lassitude (depression and fatigue)
- Obscures hypoglycemic symptoms in DM
- Cholesterol (↑ LDL and ↓ HDL)
- Kan’t get it up (impotence)
- Exacerbates myasthenia
- Reduced cardiac output

Mnemonic: BLOCKER
β-Blocker Side Effects

--- **Bronchospasm**

--- **Lassitude** (depression and fatigue)

*Two β-blockers are less likely to produce bronchospasm--which ones?*

--- **Exacerbates myasthenia**

--- **Reduced cardiac output**

Mnemonic: **BLOCKER**
**β-Blocker Side Effects**

- **B**ronchospasm

- **L**assitude (depression and fatigue)

  *Two β-blockers are less likely to produce bronchospasm—*which ones?*
  --Betaxolol
  --Carteolol

- **E**xacerbates myasthenia

- **R**educed cardiac output

Mnemonic: **BLOCKER**
β-Blocker Side Effects

--- **B**ronchospasm

--- **L**assitude (depression and fatigue)

Two β-blockers are less likely to produce bronchospasm--which ones?
--- Betaxolol
--- Carteolol

What property of each make it unlikely to produce bronchospasm?
--- Betaxolol is…
--- Carteolol has…

--- **E**xacerbates myasthenia

--- **R**educed cardiac output

Mnemonic: BLOCKER
**β-Blocker Side Effects**

**--Bronchospasm**

**--Lassitude (depression and fatigue)**

*Two β-blockers are less likely to produce bronchospasm--which ones?*

--Betaxolol

--Carteolol

*What property of each make it unlikely to produce bronchospasm?*

--Betaxolol is...β₁ *selective* (aka cardioselective)

--Carteolol has...

**--Exacerbates myasthenia**

**--Reduced cardiac output**

Mnemonic: *BLOCKER*
**β-Blocker Side Effects**

- **B**ronchospasm
- **L**assitude (depression and fatigue)
- **O**bscures hypoglycemic symptoms in DM
- **C**holesterol (↑ LDL and ↓ HDL)
- **K**an’t get it up (impotence)
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Mnemonic: **BLOCKER**

Two β-blockers are less likely to produce bronchospasm--which ones?
- Betaxolol
- Carteolol

What property of each make it unlikely to produce bronchospasm?
- Betaxolol is...β₁ **selective** (aka cardioselective)
- Carteolol has...
β-Blocker Side Effects

--**B**ronchospasm

--**L**assitude (depression and fatigue)

Two β-blockers are less likely to produce bronchospasm--which ones?

--Betaxolol
--Carteolol

What property of each make it unlikely to produce bronchospasm?

--Betaxolol is…β₁ **selective** (aka cardioselective)
--Carteolol has…significant **intrinsic sympathomimetic activity**

--**E**xacerbates myasthenia

--**R**educed cardiac output

Mnemonic: **BLOCKER**