

2024–2025 Internal Medicine Review Syllabus

Endocrinology:

Page 140, Obesity > Obesity — Drugs Approved for Long-Term Treatment

<i>Text currently reads:</i>	<i>Text should read:</i>																		
<p>Obesity — Drugs Approved for Long-Term Treatment</p> <table border="1"> <thead> <tr> <th>Drugs</th> <th>Common Adverse Reactions</th> <th>Contraindications</th> </tr> </thead> <tbody> <tr> <td>Liraglutide, semaglutide</td> <td>Nausea, bloating, pancreatitis (rare)</td> <td>Pregnancy, Hx of pancreatitis, family Hx of MEN syndrome or MTC</td> </tr> <tr> <td>Phentermine/Topiramate</td> <td>Fast heart rate, anxiety, elevated blood pressure, headaches, dry mouth, depression</td> <td>Pregnancy, uncontrolled hyperthyroidism, uncontrolled hypertension, glaucoma, MAOIs</td> </tr> </tbody> </table>	Drugs	Common Adverse Reactions	Contraindications	Liraglutide, semaglutide	Nausea, bloating, pancreatitis (rare)	Pregnancy, Hx of pancreatitis, family Hx of MEN syndrome or MTC	Phentermine/Topiramate	Fast heart rate, anxiety, elevated blood pressure, headaches, dry mouth, depression	Pregnancy, uncontrolled hyperthyroidism, uncontrolled hypertension, glaucoma, MAOIs	<p>Obesity — Drugs Approved for Long-Term Treatment</p> <table border="1"> <thead> <tr> <th>Drugs</th> <th>Common Adverse Reactions</th> <th>Contraindications</th> </tr> </thead> <tbody> <tr> <td>Liraglutide, semaglutide, tirzepatide</td> <td>Nausea, bloating, pancreatitis (rare)</td> <td>Pregnancy, Hx of pancreatitis, family Hx of MEN syndrome or MTC</td> </tr> <tr> <td>Phentermine/Topiramate</td> <td>Fast heart rate, anxiety, elevated blood pressure, headaches, dry mouth, depression</td> <td>Pregnancy, uncontrolled hyperthyroidism, uncontrolled hypertension, glaucoma, MAOIs</td> </tr> </tbody> </table>	Drugs	Common Adverse Reactions	Contraindications	Liraglutide, semaglutide, tirzepatide	Nausea, bloating, pancreatitis (rare)	Pregnancy, Hx of pancreatitis, family Hx of MEN syndrome or MTC	Phentermine/Topiramate	Fast heart rate, anxiety, elevated blood pressure, headaches, dry mouth, depression	Pregnancy, uncontrolled hyperthyroidism, uncontrolled hypertension, glaucoma, MAOIs
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Page 142, Bone / Calcium Disorders > Osteoporosis > Vitamin D Deficiency and Osteomalacia

<i>Text currently reads:</i>	<i>Text should read:</i>
<ul style="list-style-type: none"> Deficiency → insufficient calcium/phosphorus → poorly mineralized bones Labs: ↓ calcium, ↓ phosphorus, ↑ serum alkaline phosphorus, ↑ PTH Look for underlying conditions affecting vitamin D availability or metabolism to active vitamin D <ul style="list-style-type: none"> Celiac disease, liver, kidney disease “Tea and toast diet” + lack of sunlight 	<ul style="list-style-type: none"> Deficiency → insufficient calcium/phosphorus → poorly mineralized bones Labs: ↓ calcium, ↓ phosphorus, ↑ serum alkaline phosphatase, ↑ PTH Look for underlying conditions affecting vitamin D availability or metabolism to active vitamin D <ul style="list-style-type: none"> Celiac disease, liver, kidney disease “Tea and toast diet” + lack of sunlight

Gastroenterology:

Page 169, Pancreas > Acute Pancreatitis > AP — Diagnosis

<i>Text currently reads:</i>	<i>Text should read:</i>
<ul style="list-style-type: none"> Lipase (more specific) often stays elevated beyond Day 7 Other causes of high amylase <ul style="list-style-type: none"> Macroamylasemia (benign macromolecules with low urinary excretion) 	<ul style="list-style-type: none"> Lipase (more specific) often stays elevated beyond Day 7 Other causes of high amylase <ul style="list-style-type: none"> End-stage kidney disease (ESKD) Macroamylasemia (benign macromolecules with low urinary excretion)

Page 179, Liver > Portal Hypertension

<i>Text currently reads:</i>	<i>Text should read:</i>
<ul style="list-style-type: none"> • Portal hypertension: ≥ 6 mmHg • At 12 mmHg, portal hypertension can be clinically significant • At 12 mmHg, there is high probability of varices • Treatment (to be discussed in Cirrhosis) 	<ul style="list-style-type: none"> • Portal hypertension: ≥ 6 mmHg • At 10 mmHg, portal hypertension can be clinically significant • At 12 mmHg, there is increased risk of bleeding • Treatment (to be discussed in Cirrhosis)

General Internal Medicine:

Page 199, Preventive Medicine > Screening Tests > Important Screening Exams to Know

<i>Text currently reads:</i>	<i>Text should read:</i>
<ul style="list-style-type: none"> • Abdominal aortic aneurysm (AAA) <ul style="list-style-type: none"> – Recommended one-time screening ultrasound in men 65–75 years of age who have a current or past history of smoking – Evidence insufficient for screening in women 	<ul style="list-style-type: none"> • Abdominal aortic aneurysm (AAA) <ul style="list-style-type: none"> – Recommended one-time screening ultrasound in men 65–75 years of age who have a current or past history of smoking – Screening recommended in those who are ≥ 65 years of age who are 1st degree relatives of patients with AAA – Evidence insufficient for screening in women

Page 201, Preventive Medicine > Vaccinations > Vaccinations for Patients at Risk

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Page 201, Preventive Medicine > Vaccinations > AR 27

Text currently reads:	Text should read:
<p>AR 27 In November, a 34-year-old woman (G1P0) comes to see you at 24 weeks of gestation. She reports no history of chickenpox. She received all regular immunizations growing up, with her last immunizations received prior to college 16 years ago.</p> <p>Which immunizations would you recommend?</p> <p>A. No immunizations B. Varicella, Tdap C. Varicella, influenza, PCV20 D. Varicella, Tdap, influenza E. Tdap, influenza</p> <p>Answer: _____</p>	<p>AR 27 In November, a 34-year-old woman (G1P0) comes to see you at 24 weeks of gestation. She reports no history of chickenpox. She received all regular immunizations growing up, with her last immunizations received prior to college 16 years ago.</p> <p>Which immunizations would you recommend?</p> <p>A. No immunizations B. Varicella, Tdap C. Varicella, influenza, PCV20 D. Varicella, Tdap, influenza E. Tdap, influenza, RSV</p> <p>Answer: _____</p>

Infectious Disease:

Page 271, Sexually Transmitted Infections > Gonorrhea > *Chlamydia trachomatis*

Text currently reads:	Text should read:
<ul style="list-style-type: none"> • <u>Treatment if uncomplicated (test for cure in 3 months)</u> <ul style="list-style-type: none"> – Azithromycin 1,000 mg PO × 1 – Partner notification and treatment 	<ul style="list-style-type: none"> • <u>Treatment if uncomplicated (test for cure in 3 months)</u> <ul style="list-style-type: none"> – Doxycycline 100 mg bid × 7 days – Partner notification and treatment

Page 274, Bacterial Diarrhea > *Shigella* > *Shigella* — Quinolone Resistance (CDC 2017)

Text currently reads:	Text should read:
<ul style="list-style-type: none"> • Salmonella with MIC ≥ 0.12 µg/mL associated with: <ul style="list-style-type: none"> – Prolonged duration of illness and treatment failure • Common resistance to other agents <ul style="list-style-type: none"> – Macrolides – Trimethoprim/Sulfamethoxazole (TMP/SMX) – Ampicillin and amoxicillin/clavulanate 	<ul style="list-style-type: none"> • Shigella with MIC ≥ 0.12 µg/mL associated with: <ul style="list-style-type: none"> – Prolonged duration of illness and treatment failure • Common resistance to other agents <ul style="list-style-type: none"> – Macrolides – Trimethoprim/Sulfamethoxazole (TMP/SMX) – Ampicillin and amoxicillin/clavulanate

Page 282, Viral Infections > Varicella-Zoster Virus (VZV) > Case 22A — History and Physical

Text currently reads:	Text should read:
<p>comes to your student-run free clinic. She has been a sex worker, which led to HIV antibody testing 2 months ago; it was negative. She denies any shortness of breath, chest pain, abdominal pain, nausea, or vomiting. She has no significant past medical history.</p>	<p>comes to your student-run free clinic. She has been a sex worker, which led to HIV antibody testing 2 months ago; it was positive. She denies any shortness of breath, chest pain, abdominal pain, nausea, or vomiting. She has no significant past medical history.</p>

Nephrology:

Page 326, Hypertension (HTN) > Hypertensive Emergency > Management

Text currently reads:	Text should read:

Psychiatry:

Page 382, Bipolar Disorder > Bipolar Disorder — Treatment

Text currently reads:	Text should read:
<ul style="list-style-type: none"> - Side effects (LITHIUM) <ul style="list-style-type: none"> • Lethargy, leukocytosis (benign) • Intention tremor • Teratogenicity • Hypothyroidism — <u>test annually</u> • Insipidus (diabetes insipidus) • Urine (polyuria) • Metallic taste 	<ul style="list-style-type: none"> - Side effects (LITHIUM) <ul style="list-style-type: none"> • Lethargy, leukocytosis (benign) • Intention tremor • Teratogenicity • Hypothyroidism — <u>test annually</u> • Insipidus (nephrogenic diabetes insipidus) • Urine (polyuria) • Metallic taste

Pulmonology:

Page 415, Interstitial Lung Diseases (ILDs) > Antimalarials

Text currently reads:	Text should read:
<ul style="list-style-type: none"> • Used for hypercalcemia because it decreases 1,25 dihydroxyvitamin D • Side effects — irreversible retinopathy and blindness require exam at baseline and q 6–12 months 	<ul style="list-style-type: none"> • Used for hypercalcemia because it decreases 1,25 dihydroxyvitamin D • Side effects — irreversible retinopathy and blindness require exam at baseline and q 12 months