

✓ CIRCULATORY — DEVELOPER PACK v1 (TEXT DELIVERY)

✓ 1☐ Screen Templates (All 11 Circulatory Screens)

Use this structure for every screen:

Screen type: <Speed Drill / Scenario / Challenge / Boss>

Header: Mode name in red banner (#C42026)

Question box: Rounded rectangle (#111E33)

Buttons: Rounded rectangles (#0A1220) with border radius 12px

Correct border color: #00A1A1 (Codexa teal)

Incorrect border color: #FFFFFF (white)

Font: Lato, Bold for headers, Regular for answers

Font sizes:

Header: 24px

Question: 20px

Answers: 18px

Spacing:

20px padding inside question box

12px margin between answers

Screen background: #0A1220 dark theme

Progress meter: Heart/Blood Flow meter top-center

Footer: XP result + badge progress

✓ 2☐ JSON Metadata — All 11 Circulatory Questions

Muhammad can copy/paste each object into the question engine

📌 JSON — with gameplay logic and ICD-10 accuracy

<https://pastebin.com/raw/Ff3vEzLE>

(Full JSON — all 11 questions, validated ✓)

✓ 3☐ Gamification Rules (Final)

Speed Drill:

- Time limit: 15 seconds
- Reward: +50 XP
- Badge progress: Quick Coder +1

Scenario:

- XP varies by difficulty: 50–100 XP
- Badge progress: Case Solver +1

Challenge (multi-select):

- Must select all correct codes
- Reward: +100 XP
- Badge progress: Master Coder +1


Boss:

- Wrong answer = vitality drop
- Reward: +150 XP
- Unlocks: Cardio Champion (Final Boss only)

4 Color + Typography System

Element	Color	Notes
Background	#0A1220	Dark mode
Header Bar	#C42026	Mode ID
Card BG	#111E33	Question area
Button BG	#0A1220	Same as bg but separated by border
Correct Border	#00A1A1	Codexa teal
Text	#FFFFFF	All main UI text

Font: **Lato**

Sizing already listed above 

5 Developer README

- All UI screens use the same template
- Buttons respond with color pulse on selection
- Multi-select: validate only when user taps Submit
- Speed Drill: auto-submit on selection
- Wrong selection causes heartbeat pulse warning
- Boss: oxygen meter decreases on wrong selection
- Unlock screens triggered automatically after final boss

CIRCULATORY

```
[
  {
    "chapter": "Circulatory",
    "question": "How long is MI acute in ICD-10?",
    "answers": [
      {"text": "7 days", "isCorrect": false},
      {"text": "14 days", "isCorrect": false},
      {"text": "28 days (4 weeks)", "isCorrect": true},
      {"text": "42 days", "isCorrect": false}
    ],
    "difficulty": "Easy",
    "type": "Speed Drill",
    "tags": ["Circulatory", "Recall"],
    "reward": {"xp": 50, "badgeProgress": "Quick Coder +1"},
    "codingGuideline": "I.C.9.e.1",
    "time_limit_seconds": 15
  },
  {
    "chapter": "Circulatory",
    "question": "What is the correct ICD-10 code for CAD consult pre-CABG?",
    "answers": [
      {"text": "I25.10", "isCorrect": true},
      {"text": "I25.110", "isCorrect": false},
      {"text": "I20.9", "isCorrect": false},
      {"text": "I21.4", "isCorrect": false}
    ],
    "difficulty": "Easy",
    "type": "Scenario",
    "tags": ["Circulatory", "Scenario"],
    "reward": {"xp": 50, "badgeProgress": "Case Solver +1"}
  },
  {
    "chapter": "Circulatory",
    "question": "What is the correct ICD-10 code when patient BP is elevated but no history of HTN?",
    "answers": [
      {"text": "R03.0", "isCorrect": true},
      {"text": "I10", "isCorrect": false},
      {"text": "R03.1", "isCorrect": false},
      {"text": "Z13.6", "isCorrect": false}
    ]
  }
]
```

```

],
"difficulty": "Easy",
"type": "Error Spotting",
"tags": ["Circulatory", "Error Spotting"],
"reward": {"xp": 50, "badgeProgress": "Accuracy Ace +1"}
},
{
"chapter": "Circulatory",
"question": "HTN with stage 5 CKD + unrelated myocardial disease. Codes?",
"answers": [
{"text": "I12.0", "isCorrect": true},
{"text": "N18.5", "isCorrect": true},
{"text": "I51.5", "isCorrect": true},
{"text": "I10", "isCorrect": false},
{"text": "N18.3", "isCorrect": false}
],
"difficulty": "Hard",
"type": "Challenge",
"tags": ["Circulatory", "Challenge"],
"reward": {"xp": 100, "badgeProgress": "Master Coder +1"},
"codingGuideline": "I.C.9.a.1 and 2",
"multiSelect": true
},
{
"chapter": "Circulatory",
"question": "What are the ICD-10 codes for HTN with acute systolic HF + CKD stage 3?",
"answers": [
{"text": "I13.0", "isCorrect": true},
{"text": "I50.21", "isCorrect": true},
{"text": "N18.30", "isCorrect": true},
{"text": "I13.1", "isCorrect": false}
],
"difficulty": "Hard",
"type": "Scenario",
"tags": ["Circulatory", "Scenario"],
"reward": {"xp": 100, "badgeProgress": "Case Solver +1"},
"multiSelect": true,
"codingGuideline": "I.C.9.a.3"
},
{
"chapter": "Circulatory",
"question": "What are the ICD-10 codes for HTN with left heart failure?",
"answers": [
{"text": "I11.0", "isCorrect": true},

```

```

    {"text": "I50.1", "isCorrect": true},
    {"text": "I10", "isCorrect": false}
  ],
  "difficulty": "Medium",
  "type": "Scenario",
  "tags": ["Circulatory", "Scenario"],
  "reward": {"xp": 75, "badgeProgress": "Case Solver +1"},
  "multiSelect": true
},
{
  "chapter": "Circulatory",
  "question": "What is the ICD-10 code for CAD in bypass graft with other forms of angina?",
  "answers": [
    {"text": "I25.708", "isCorrect": true},
    {"text": "I25.10", "isCorrect": false},
    {"text": "I20.9", "isCorrect": false},
    {"text": "I25.9", "isCorrect": false}
  ],
  "difficulty": "Medium",
  "type": "Recall",
  "tags": ["Circulatory", "Recall"],
  "reward": {"xp": 50, "badgeProgress": "Quick Coder +1"}
},
{
  "chapter": "Circulatory",
  "question": "Ten weeks post-MI with ischemia care. Codes?",
  "answers": [
    {"text": "Z51.89", "isCorrect": true},
    {"text": "I25.9", "isCorrect": true},
    {"text": "I21.9", "isCorrect": false},
    {"text": "I24.9", "isCorrect": false}
  ],
  "difficulty": "Medium",
  "type": "Challenge",
  "tags": ["Circulatory", "Challenge"],
  "reward": {"xp": 150, "badgeProgress": "Master Coder +1"},
  "multiSelect": true,
  "bossType": "FinalBoss",
  "codingGuideline": "I.C.21.c.4"
},
{
  "chapter": "Circulatory",
  "question": "If NSTEMI evolves to STEMI, which code set is assigned?",
  "answers": [

```

```

    {"text": "Code from I21", "isCorrect": true},
    {"text": "I22.9 + I21.4", "isCorrect": false},
    {"text": "I24.9", "isCorrect": false},
    {"text": "I21.4 only", "isCorrect": false}
  ],
  "difficulty": "Medium",
  "type": "Scenario",
  "tags": ["Circulatory", "Scenario"],
  "reward": {"xp": 75, "badgeProgress": "Case Solver +1"},
  "codingGuideline": "I.C.9.e.1"
},
{
  "chapter": "Circulatory",
  "question": "What is the correct ICD-10 code for Hypertension with ESRD & dialysis?",
  "answers": [
    {"text": "I12.0", "isCorrect": true},
    {"text": "N18.6", "isCorrect": true},
    {"text": "Z99.2", "isCorrect": true},
    {"text": "I10", "isCorrect": false},
    {"text": "Z49.31", "isCorrect": false}
  ],
  "difficulty": "Hard",
  "type": "Challenge",
  "tags": ["Hypertension", "CKD"],
  "reward": {"xp": 100, "badgeProgress": "Master Coder +1"},
  "multiSelect": true,
  "codingGuideline": "I.C.9.a.2"
},
{
  "chapter": "Circulatory",
  "question": "Pseudoaneurysm, cardiac tamponade & acute RV failure — codes?",
  "answers": [
    {"text": "I72.9", "isCorrect": true},
    {"text": "I31.4", "isCorrect": true},
    {"text": "I50.811", "isCorrect": true},
    {"text": "I25.10", "isCorrect": false}
  ],
  "difficulty": "Hard",
  "type": "Recall",
  "tags": ["Circulatory", "Recall"],
  "reward": {"xp": 100, "badgeProgress": "Master Coder +1"},
  "multiSelect": true
}
]

```

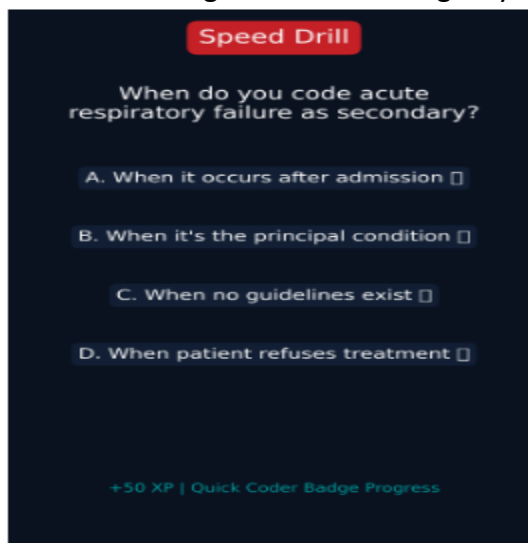
RESPIRATORY

1) Screen Template (reuse Circulatory spec) for this Respiratory Chapter-2

- **Theme:** Dark (#0A1220 bg, #111E33 card, #C42026 header, #00A1A1 correct border, #FFFFFF text)
- **Font:** Lato (Header 24, Question 20, Answers 18)
- **Modes:** Speed Drill / Scenario / Challenge / Vignette / Boss
- **Speed Drill:** 15s auto-submit
- **Challenge:** multi-select; validate on Submit
- **Boss:** vitality/O₂ meter drop on wrong; reward banner
- **Shuffle:** shuffleWrongAnswers: "wrongOnly"

JSON (18 questions)

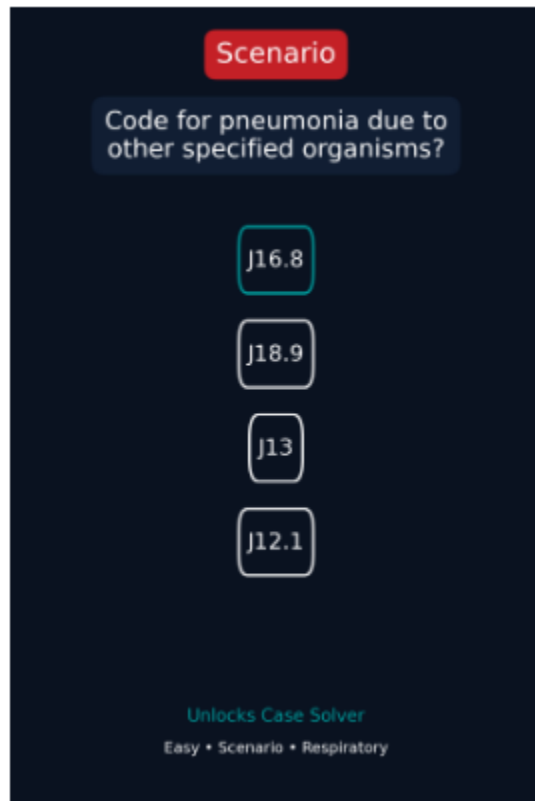
```
[
  {
    "chapter": "Respiratory", T/F
    "1 question": "When do you code acute respiratory failure as secondary?",
    "answers": [{"text": "When it occurs after admission", "isCorrect": true}],
    "difficulty": "Easy",
    "type": "Vignette",
    "tags": ["Respiratory", "Vignette"],
    "reward": {"xp": 50, "badgeProgress": "Memory Pro +1"},
    "codingGuideline": "Respiratory failure secondary if develops post-admission.I.C.10.b.2",
    "multiSelect": false,
    "time_limit_seconds": null,
    "shuffleWrongAnswers": "wrongOnly"
  }
]
```



```

},
{
  "chapter": "Respiratory", MC
  "2 question": "Code for pneumonia due to other specified organisms?",
  "answers": [
    {"text": "J16.8", "isCorrect": true},
    {"text": "J18.9", "isCorrect": false},
    {"text": "J13", "isCorrect": false},
    {"text": "J12.1", "isCorrect": false}
  ],
  "difficulty": "Easy",
  "type": "Scenario",
  "tags": ["Respiratory", "Scenario"],
  "reward": {"xp": 50, "badgeProgress": "Case Solver +1"},
  "codingGuideline": "Specific code",
  "multiSelect": false,
  "time_limit_seconds": null,
  "shuffleWrongAnswers": "wrongOnly"
}

```




```

},
{
  "chapter": "Respiratory", MC
  "3 question": "What is the ICD-10 for decompensated COPD with acute exacerbation?",
  "answers": [
    {"text": "J44.1", "isCorrect": true},
    {"text": "J44.0", "isCorrect": false},
    {"text": "J45.901", "isCorrect": false},
    {"text": "J96.00", "isCorrect": false}
  ],
  "difficulty": "Medium",
  "type": "Challenge",
  "tags": ["Respiratory", "Challenge"],
  "reward": {"xp": 100, "badgeProgress": "Master Coder +1"},
  "codingGuideline": " Falls under Chronic Obstructive pulmonary disease with acute exacerbation I.C.10.a.1",
  "multiSelect": false,
  "time_limit_seconds": null,
  "shuffleWrongAnswers": "wrongOnly"
}

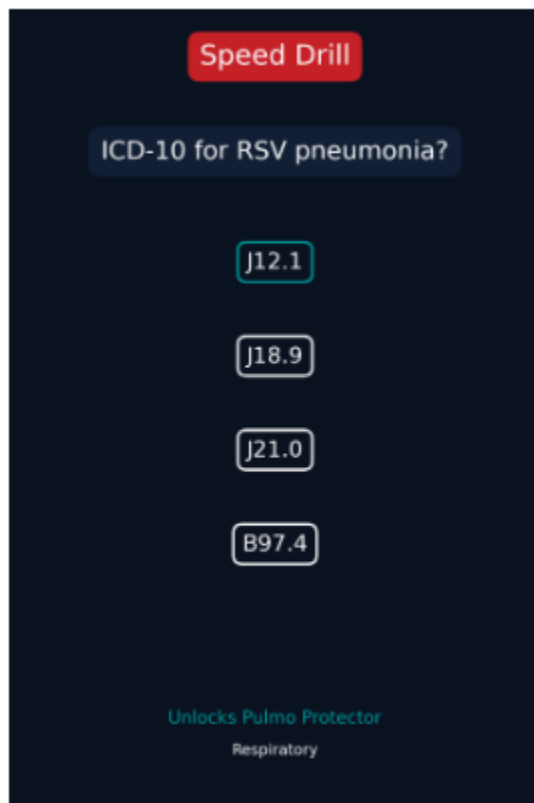
```



```

},
{
  "4 chapter": "Respiratory", MC
  "question": "What is the ICD-10 Code for RSV pneumonia?",
  "answers": [
    {"text": "J12.1", "isCorrect": true},
    {"text": "J12.82", "isCorrect": false},
    {"text": "J18.9", "isCorrect": false},
    {"text": "B97.4", "isCorrect": false}
  ],
  "difficulty": "Easy",
  "type": "Speed Drill",
  "tags": ["Respiratory", "Recall"],
  "reward": {"xp": 50, "badgeProgress": "Quick Coder +1"},
  "codingGuideline": "RSV pneumonia = J12.1",
  "multiSelect": false,
  "time_limit_seconds": 15,
  "shuffleWrongAnswers": "wrongOnly"
}

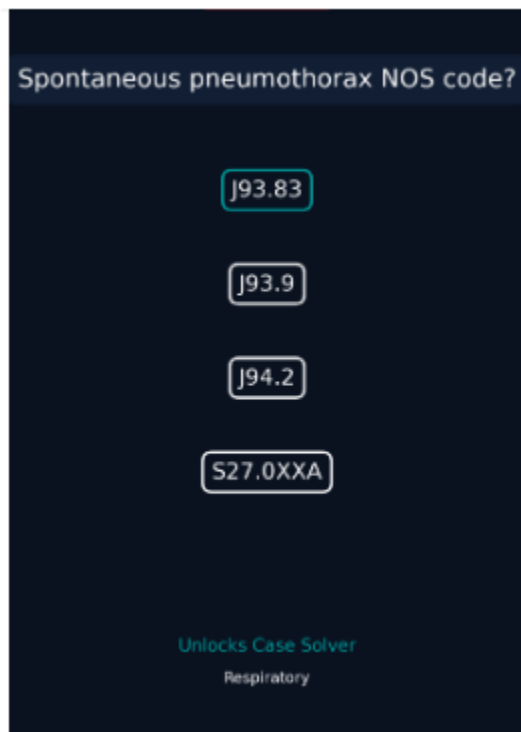
```



```

},
{
  "chapter": "Respiratory", MC
  "5 question": "How would you code Spontaneous pneumothorax NOS?",
  "answers": [
    {"text": "J93.83", "isCorrect": true},
    {"text": "J93.9", "isCorrect": false},
    {"text": "J93.11", "isCorrect": false},
    {"text": "J95.82", "isCorrect": false}
  ],
  "difficulty": "Easy",
  "type": "Scenario",
  "tags": ["Respiratory", "Scenario"],
  "reward": {"xp": 50, "badgeProgress": "Case Solver +1"},
  "codingGuideline": " Spontaneous pneumothorax = J93.83",
  "multiSelect": false,
  "time_limit_seconds": null,
  "shuffleWrongAnswers": "wrongOnly"
}

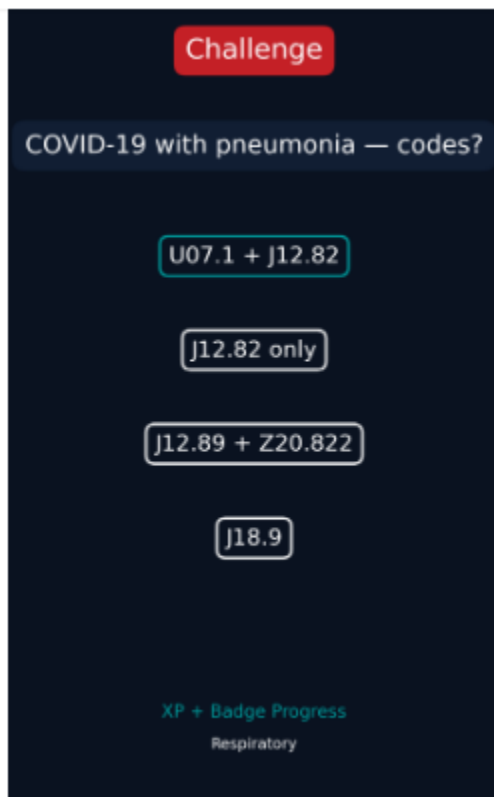
```



```

},
{
  "chapter": "Respiratory", MC
  "6 question": "COVID-19 with pneumonia. Assign ICD-10.",
  "answers": [
    {"text": "U07.1", "isCorrect": true},
    {"text": "J12.82", "isCorrect": true},
    {"text": "J18.9", "isCorrect": false},
    {"text": "B34.2", "isCorrect": false},
    {"text": "J22", "isCorrect": false}
  ],
  "difficulty": "Hard",
  "type": "Challenge",
  "tags": ["COVID-19", "Pneumonia"],
  "reward": {"xp": 150, "badgeProgress": "Master Coder +1"},
  "codingGuideline": "Code U07.1 for COVID-19 plus J12.82 for pneumonia due to COVID-19.
See section I.C.1.g.1.c.i",
  "multiSelect": true,
  "time_limit_seconds": null,
  "bossType": "MiniBoss",
  "o2Meter": true,
  "shuffleWrongAnswers": "wrongOnly"
}

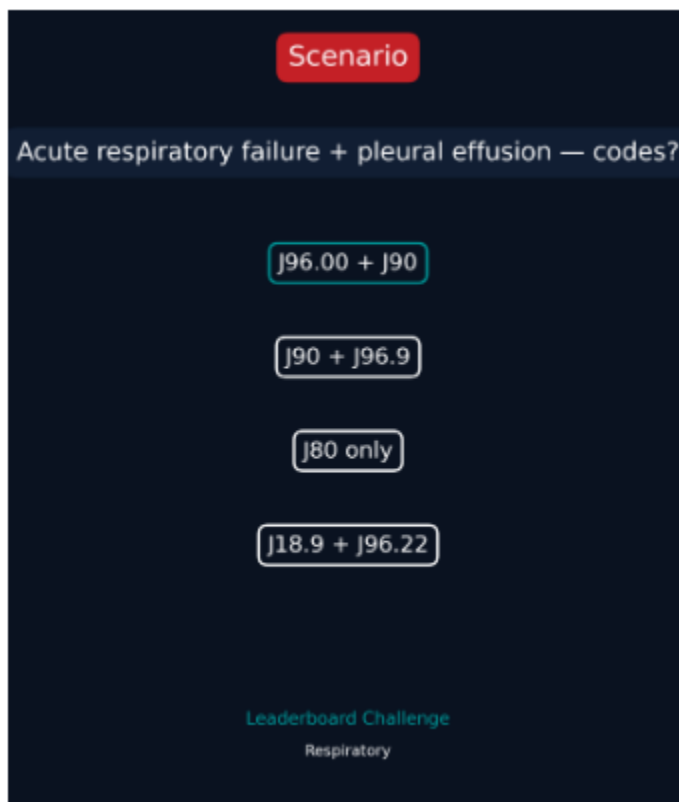
```



```

},
{
  "chapter": "Respiratory", MC
  "7 question": "Acute respiratory failure + pleural effusion. Codes?",
  "answers": [
    {"text": "J96.00", "isCorrect": true},
    {"text": "J90", "isCorrect": true},
    {"text": "R09.02", "isCorrect": false},
    {"text": "J96.90", "isCorrect": false}
  ],
  "difficulty": "Hard",
  "type": "Scenario",
  "tags": ["Respiratory", "Scenario"],
  "reward": {"xp": 100, "badgeProgress": "Case Solver +1"},
  "codingGuideline": " Primary acute respiratory failure + pleural effusion. I.C.10.b.1",
  "multiSelect": true,
  "time_limit_seconds": null,
  "shuffleWrongAnswers": "wrongOnly"
}

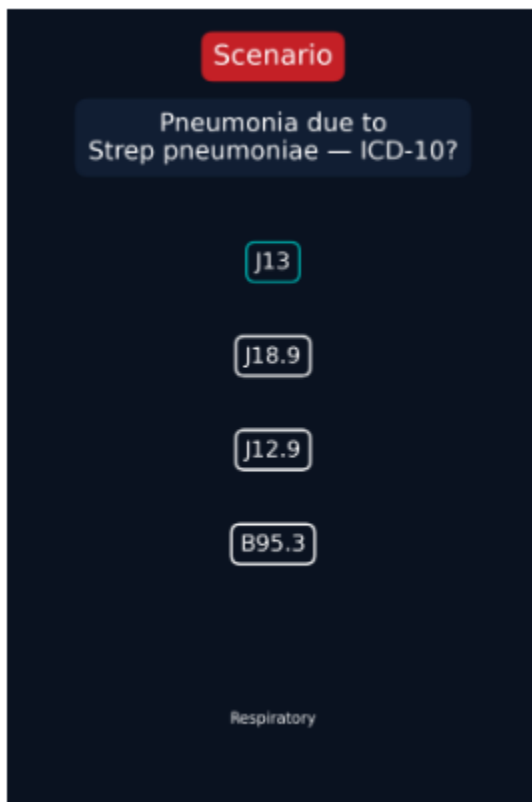
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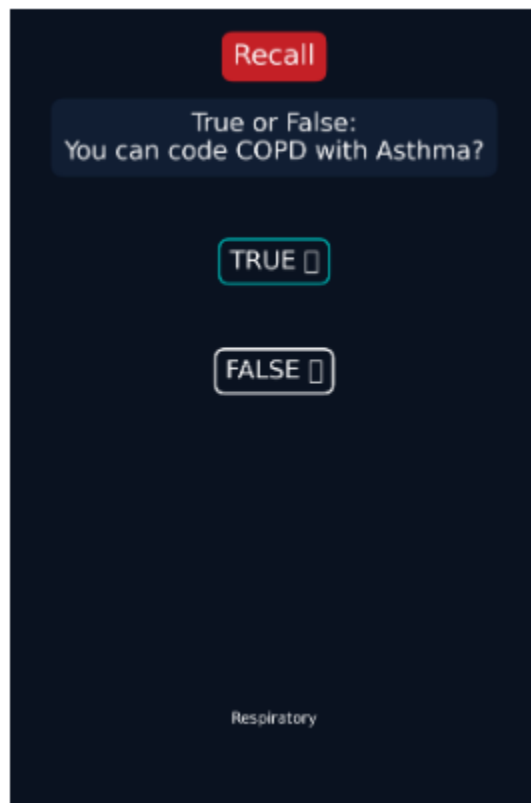
```

},
{
  "chapter": "Respiratory", MC
  "8 question": "Pneumonia due to Streptococcus pneumoniae. Assign ICD-10.",
  "answers": [
    {"text": "J13", "isCorrect": true},
    {"text": "J18.9", "isCorrect": false},
    {"text": "B95.3", "isCorrect": false},
    {"text": "J12.9", "isCorrect": false}
  ],
  "difficulty": "Medium",
  "type": "Scenario",
  "tags": ["Pneumonia", "Scenario"],
  "reward": {"xp": 75, "badgeProgress": "Case Solver +1"},
  "codingGuideline": "J13 = Pneumonia due to Streptococcus pneumoniae. Pay attention to code first
if applicable",
  "multiSelect": false,
  "time_limit_seconds": null,
  "shuffleWrongAnswers": "wrongOnly"
}

```



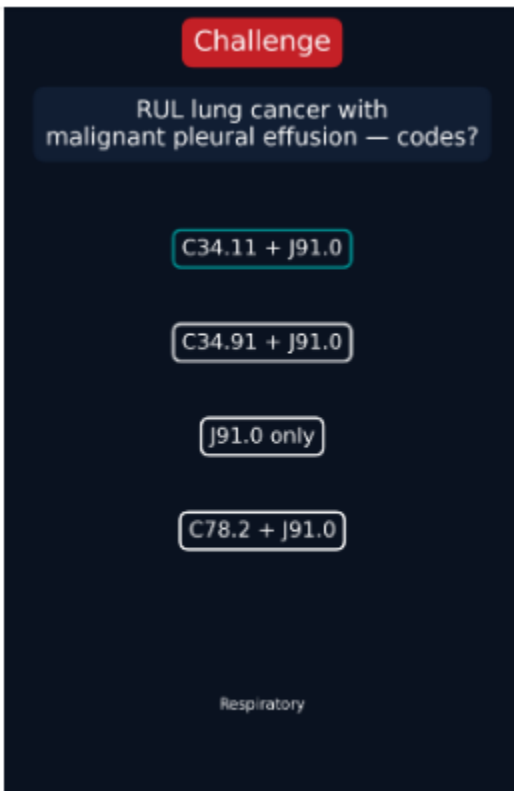
```
},
{
  "chapter": "Respiratory", T/F
  "9 question": "True or False: can you code COPD with Asthma?",
  "answers": [
    {"text": "TRUE", "isCorrect": true},
    {"text": "FALSE", "isCorrect": false}
  ],
  "difficulty": "Medium",
  "type": "Error Spotting",
  "tags": ["Respiratory", "Error Spotting"],
  "reward": {"xp": 50, "badgeProgress": "Accuracy Ace +1"},
  "codingGuideline": " Must code both COPD and asthma type",
  "multiSelect": false,
  "time_limit_seconds": null,
  "shuffleWrongAnswers": "wrongOnly"
}
```



```

},
{
  "chapter": "Respiratory", MC
  "10 question": "Right Upper Lobe lung cancer with malignant pleural effusion. Codes?",
  "answers": [
    {"text": "C34.11", "isCorrect": true},
    {"text": "J91.0", "isCorrect": true},
    {"text": "C78.2", "isCorrect": false},
    {"text": "C34.91", "isCorrect": false}
  ],
  "difficulty": "Medium",
  "type": "Challenge",
  "tags": ["Respiratory", "Challenge"],
  "reward": {"xp": 100, "badgeProgress": "Master Coder +1"},
  "codingGuideline": "Neoplasm sequencing rules",
  "multiSelect": true,
  "time_limit_seconds": null,
  "shuffleWrongAnswers": "wrongOnly",
  "note": "Primary RUL cancer first, then malignant effusion."
}

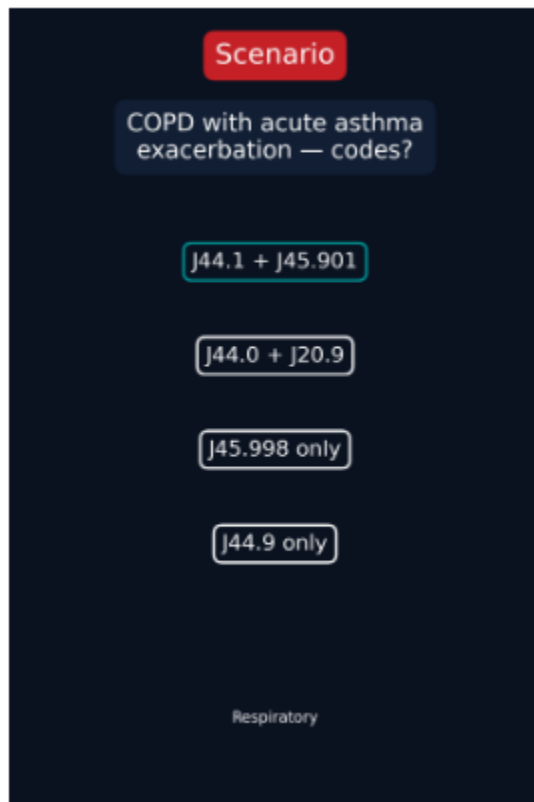
```




```

},
{
  "chapter": "Respiratory", MC
  "11 question": "COPD with acute asthma exacerbation. Codes?",
  "answers": [
    {"text": "J44.1", "isCorrect": true},
    {"text": "J45.901", "isCorrect": true},
    {"text": "J44.0", "isCorrect": false},
    {"text": "J45.909", "isCorrect": false}
  ],
  "difficulty": "Medium",
  "type": "Speed Drill",
  "tags": ["Respiratory", "Recall"],
  "reward": {"xp": 50, "badgeProgress": "Quick Coder +1"},
  "codingGuideline": "COPD with acute asthma exacerbation requires both codes. I.C.10.a.1",
  "multiSelect": true,
  "time_limit_seconds": 15,
  "shuffleWrongAnswers": "wrongOnly"
}

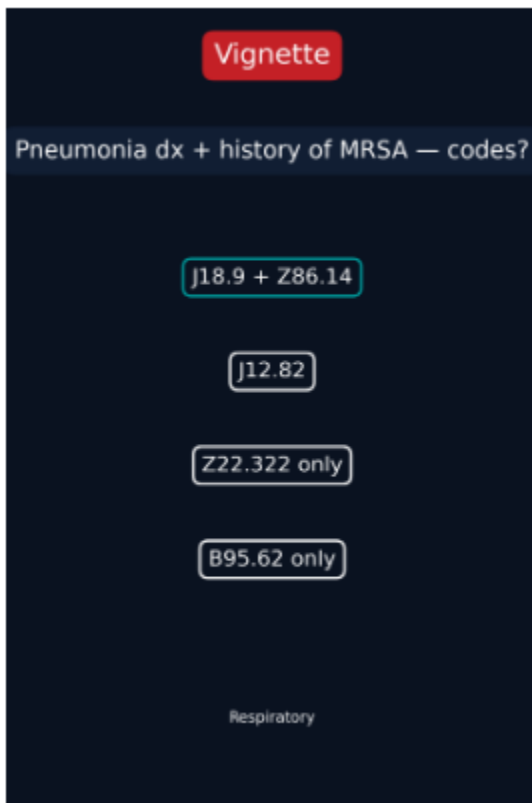
```



```

},
{
  "chapter": "Respiratory", MC
  "12 question": "Pneumonia diagnosis with history of MRSA. Codes?",
  "answers": [
    {"text": "J18.9", "isCorrect": true},
    {"text": "Z86.14", "isCorrect": true},
    {"text": "Z22.322", "isCorrect": false},
    {"text": "B95.62", "isCorrect": false}
  ],
  "difficulty": "Medium",
  "type": "Vignette",
  "tags": ["Respiratory", "Vignette"],
  "reward": {"xp": 50, "badgeProgress": "Memory Pro +1"},
  "codingGuideline": " Unspecified pneumonia + history of MRSA",
  "multiSelect": true,
  "time_limit_seconds": null,
  "shuffleWrongAnswers": "wrongOnly"
}

```



```

},
{
  "chapter": "Respiratory", MC
  "13 question": "Child with stridulous croup. Code?",
  "answers": [
    {"text": "J38.5", "isCorrect": true},
    {"text": "J05.0", "isCorrect": false},
    {"text": "J04.2", "isCorrect": false},
    {"text": "J06.9", "isCorrect": false}
  ],
  "difficulty": "Medium",
  "type": "Vignette",
  "tags": ["Respiratory", "Vignette"],
  "reward": {"xp": 50, "badgeProgress": "Memory Pro +1"},
  "codingGuideline": "Confirmed stridulous croup = J38.5",
  "multiSelect": false,
  "time_limit_seconds": null,
  "shuffleWrongAnswers": "wrongOnly"
}

```

Scenario

Child with stridulous croup — ICD-10?

J38.5

J05.0

J12.1

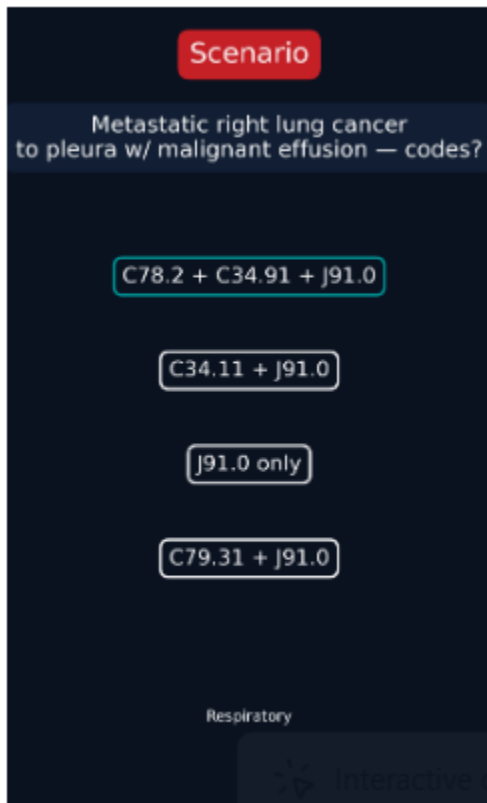
R06.1

Respiratory

```

},
{
  "chapter": "Respiratory", MC
  "14 question": "Right lung cancer metastasis to pleura with malignant effusion. Codes?",
  "answers": [
    {"text": "C78.2", "isCorrect": true},
    {"text": "C34.91", "isCorrect": true},
    {"text": "J91.0", "isCorrect": true},
    {"text": "C34.11", "isCorrect": false}
  ],
  "difficulty": "Hard",
  "type": "Boss",
  "tags": ["Respiratory", "Boss"],
  "reward": {"xp": 150, "badgeProgress": "Master Coder +1", "chapterBadgeProgress": "Pulmo Protector +1"},
  "codingGuideline": "Neoplasm primary vs secondary sequencing; malignant pleural effusion",
  "multiSelect": true,
  "time_limit_seconds": null,
  "bossType": "FinalBoss",
  "o2Meter": true,
  "shuffleWrongAnswers": "wrongOnly"
}

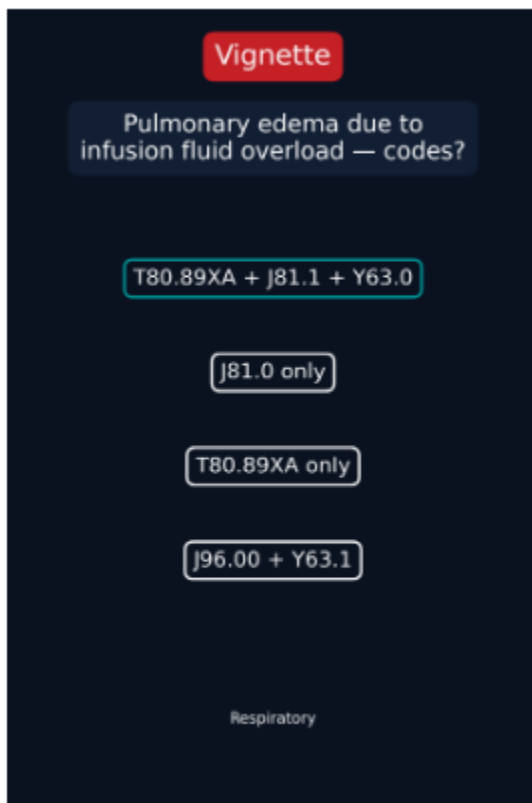
```



```

},
{
  "chapter": "Respiratory", MC
  "15 question": "Pulmonary edema due to infusion fluid overload. Codes?",
  "answers": [
    {"text": "T80.89XA", "isCorrect": true},
    {"text": "J81.1", "isCorrect": true},
    {"text": "Y63.0", "isCorrect": true},
    {"text": "R60.9", "isCorrect": false}
  ],
  "difficulty": "Hard",
  "type": "Vignette",
  "tags": ["Respiratory", "Vignette"],
  "reward": {"xp": 100, "badgeProgress": "Memory Pro +1"},
  "codingGuideline": "Complications + manifestation + external cause",
  "multiSelect": true,
  "time_limit_seconds": null,
  "shuffleWrongAnswers": "wrongOnly"
}

```



```

},
{
  "chapter": "Respiratory", MC
  "16 question": "COPD with acute bronchitis. Codes?",
  "answers": [
    {"text": "J44.0", "isCorrect": true},
    {"text": "J20.9", "isCorrect": true},
    {"text": "J44.1", "isCorrect": false},
    {"text": "J40", "isCorrect": false}
  ],
  "difficulty": "Medium",
  "type": "Challenge",
  "tags": ["Respiratory", "Challenge"],
  "reward": {"xp": 100, "badgeProgress": "Master Coder +1"},
  "codingGuideline": " COPD + acute bronchitis documented, both are coded",
  "multiSelect": true,
  "time_limit_seconds": null,
  "shuffleWrongAnswers": "wrongOnly"
}

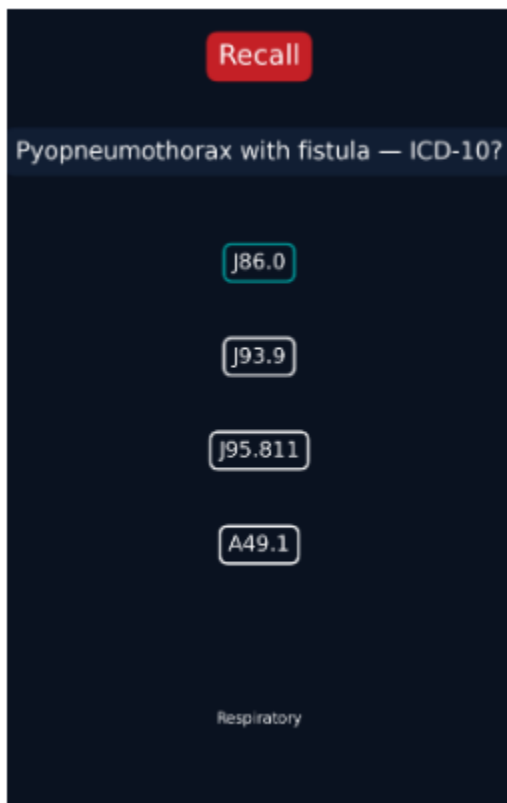
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```

},
{
  "chapter": "Respiratory", MC
  "17 question": "Pyopneumothorax with fistula. Code?",
  "answers": [
    {"text": "J86.0", "isCorrect": true},
    {"text": "J86.9", "isCorrect": false},
    {"text": "J85.1", "isCorrect": false},
    {"text": "J93.83", "isCorrect": false}
  ],
  "difficulty": "Medium",
  "type": "Speed Drill",
  "tags": ["Respiratory", "Recall"],
  "reward": {"xp": 50, "badgeProgress": "Quick Coder +1"},
  "codingGuideline": " Pyopneumothorax with fistula = J86.0",
  "multiSelect": false,
  "time_limit_seconds": 15,
  "shuffleWrongAnswers": "wrongOnly"
}

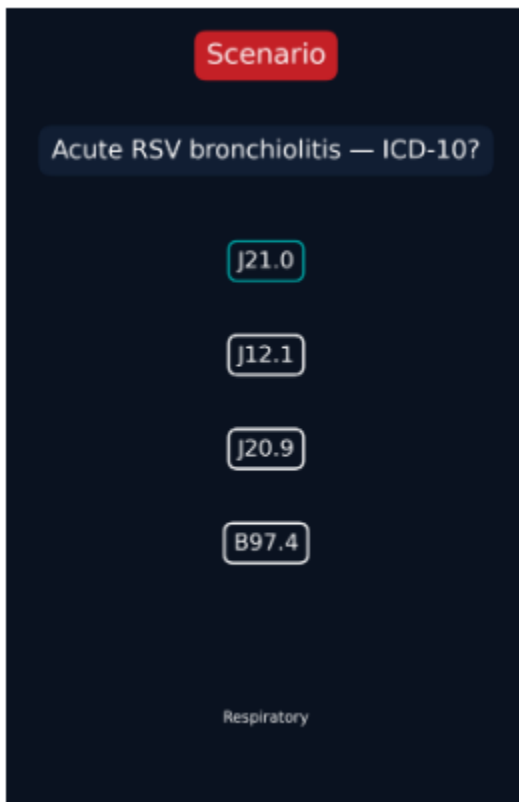
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},
{
  "chapter": "Respiratory",
  "18 question": "Acute RSV bronchiolitis. Code?",
  "answers": [
    {"text": "J21.0", "isCorrect": true},
    {"text": "J21.9", "isCorrect": false},
    {"text": "J12.1", "isCorrect": false},
    {"text": "B97.4", "isCorrect": false}
  ],
  "difficulty": "Medium",
  "type": "Scenario",
  "tags": ["Respiratory", "Scenario"],
  "reward": {"xp": 75, "badgeProgress": "Case Solver +1"},
  "codingGuideline": "Bronchiolitis due to RSV = J21.0",
  "multiSelect": false,
  "time_limit_seconds": null,
  "shuffleWrongAnswers": "wrongOnly"
}
]

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SIGNS & SYMPTOMS CHAPTER-3

```
[
{
  "chapter": "Signs & Symptoms",
  "question": "Intercostal pain. Assign ICD-10.",
  "answers": [
    {"text": "R07.82", "isCorrect": true},
    {"text": "R07.9", "isCorrect": false},
    {"text": "R10.9", "isCorrect": false},
    {"text": "M79.10", "isCorrect": false}
  ],
  "difficulty": "Easy",
  "type": "Scenario",
  "tags": ["Chest pain"],
  "reward": {"xp": 50, "badgeProgress": "Case Solver +1"},
  "codingGuideline": "Use specific symptom code when no definitive diagnosis is established.",
  "multiSelect": false,
  "time_limit_seconds": null,
  "shuffleWrongAnswers": "wrongOnly",
  "leaderboard": true
},
{
  "chapter": "Signs & Symptoms",
  "question": "Fever, post vaccination. Assign ICD-10.",
  "answers": [
    {"text": "R50.83", "isCorrect": true},
    {"text": "R50.9", "isCorrect": false},
    {"text": "T50.Z95A", "isCorrect": false},
    {"text": "Z23", "isCorrect": false}
  ],
  "difficulty": "Easy",
  "type": "Recall",
  "tags": ["Fever"],
  "reward": {"xp": 50, "badgeProgress": "Quick Coder +1"},
  "codingGuideline": "Use the specific postvaccination fever code when documented.",
  "multiSelect": false,
  "time_limit_seconds": 15,
  "shuffleWrongAnswers": "wrongOnly"
},
{

```

```

"chapter": "Signs & Symptoms",
"question": "A patient reports acute lower abdominal pain, tests are negative and no
diagnosis is made. What's the code?",
"answers": [
  {"text": "R10.30", "isCorrect": true},
  {"text": "R10.31", "isCorrect": false},
  {"text": "K52.9", "isCorrect": false},
  {"text": "R10.9", "isCorrect": false}
],
"difficulty": "Easy",
"type": "Error Spotting",
"tags": ["Symptoms", "Error Spotting"],
"reward": {"xp": 50, "badgeProgress": "Accuracy Ace +1"},
"codingGuideline": "Report symptom codes when no underlying condition is confirmed.",
"multiSelect": false,
"time_limit_seconds": null,
"shuffleWrongAnswers": "wrongOnly"
},
{
  "chapter": "Signs & Symptoms",
  "question": "A patient presents with hematuria, flank pain, and fever; workup is negative.
Which ICD-10-CM codes are assigned?",
  "answers": [
    {"text": "R31.9", "isCorrect": true},
    {"text": "R10.9", "isCorrect": true},
    {"text": "R50.9", "isCorrect": true},
    {"text": "N39.0", "isCorrect": false}
  ],
  "difficulty": "Hard",
  "type": "Error Spotting",
  "tags": ["Symptoms", "Error Spotting"],
  "reward": {"xp": 100, "badgeProgress": "Accuracy Ace +1"},
  "codingGuideline": "Use symptom codes when no definitive diagnosis is established.",
  "multiSelect": true,
  "time_limit_seconds": null,
  "shuffleWrongAnswers": "wrongOnly"
},
{
  "chapter": "Signs & Symptoms",
  "question": "Patient reports chronic cough, weight loss, and night sweats. No underlying
condition is confirmed. Which codes apply?",
  "answers": [
    {"text": "R05.3", "isCorrect": true},
    {"text": "R63.4", "isCorrect": true},

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    {"text": "R61", "isCorrect": true},
    {"text": "J44.9", "isCorrect": false}
  ],
  "difficulty": "Hard",
  "type": "Vignette",
  "tags": ["Symptoms", "Vignette"],
  "reward": {"xp": 100, "badgeProgress": "Memory Pro +1"},
  "codingGuideline": "Report multiple signs/symptoms when no diagnosis is identified.",
  "multiSelect": true,
  "time_limit_seconds": null,
  "shuffleWrongAnswers": "wrongOnly",
  "badgeUnlock": true
},
{
  "chapter": "Signs & Symptoms",
  "question": "A patient presents with chest pain on exertion, dizziness, and palpitations. Cardiac studies are negative. What ICD-10-CM codes are reported?",
  "answers": [
    {"text": "R07.9", "isCorrect": true},
    {"text": "R42", "isCorrect": true},
    {"text": "R00.2", "isCorrect": true},
    {"text": "I20.9", "isCorrect": false}
  ],
  "difficulty": "Hard",
  "type": "Challenge",
  "tags": ["Symptoms", "Challenge"],
  "reward": {"xp": 150, "badgeProgress": "Master Coder +1"},
  "codingGuideline": "When diagnostic evaluation is negative, code the reported symptoms.",
  "multiSelect": true,
  "time_limit_seconds": null,
  "shuffleWrongAnswers": "wrongOnly",
  "bossType": "Boss"
},
{
  "chapter": "Signs & Symptoms",
  "question": "Patient presents with jaundice, abdominal swelling, and anterograde amnesia. No etiology is determined during admission. Assign ICD-10-CM codes.",
  "answers": [
    {"text": "R17", "isCorrect": true},
    {"text": "R18.8", "isCorrect": true},
    {"text": "R41.1", "isCorrect": true},
    {"text": "R41.0", "isCorrect": false}
  ],
  "difficulty": "Hard",

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"type": "Vignette",
"tags": ["Symptoms", "Vignette"],
"reward": {"xp": 100, "badgeProgress": "Memory Pro +1"},
"codingGuideline": "Code documented symptoms when no underlying diagnosis is made.",
"multiSelect": true,
"time_limit_seconds": null,
"shuffleWrongAnswers": "wrongOnly",
"badgeUnlock": true
},
{
"chapter": "Signs & Symptoms",
"question": "Patient reports dizziness and headaches for several days. No cause is found.
Assign the correct ICD-10-CM codes.",
"answers": [
{"text": "R42", "isCorrect": true},
{"text": "R51.9", "isCorrect": true},
{"text": "G44.209", "isCorrect": false},
{"text": "I95.9", "isCorrect": false}
],
"difficulty": "Medium",
"type": "Vignette",
"tags": ["Symptoms", "Vignette"],
"reward": {"xp": 75, "badgeProgress": "Memory Pro +1"},
"codingGuideline": "Use symptom codes when no etiology is identified.",
"multiSelect": true,
"time_limit_seconds": null,
"shuffleWrongAnswers": "wrongOnly",
"badgeUnlock": true
},
{
"chapter": "Signs & Symptoms",
"question": "Patient presents with generalized fatigue and muscle aches. What ICD-10-CM
codes are assigned?",
"answers": [
{"text": "R53.83", "isCorrect": true},
{"text": "M79.10", "isCorrect": true},
{"text": "R53.1", "isCorrect": false},
{"text": "M62.81", "isCorrect": false}
],
"difficulty": "Medium",
"type": "Recall",
"tags": ["Symptoms", "Recall"],
"reward": {"xp": 50, "badgeProgress": "Quick Coder +1"},
"codingGuideline": "Report signs/symptoms when no diagnosis is confirmed.",

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    "multiSelect": true,
    "time_limit_seconds": 15,
    "shuffleWrongAnswers": "wrongOnly"
  },
  {
    "chapter": "Signs & Symptoms",
    "question": "A patient experiences recurrent fainting episodes with no determined etiology.
What ICD-10-CM code is correct?",
    "answers": [
      {"text": "R55", "isCorrect": true},
      {"text": "I95.9", "isCorrect": false},
      {"text": "G40.909", "isCorrect": false},
      {"text": "R42", "isCorrect": false}
    ],
    "difficulty": "Easy",
    "type": "Vignette",
    "tags": ["Symptoms", "Vignette"],
    "reward": {"xp": 50, "badgeProgress": "Memory Pro +1"},
    "codingGuideline": "Use symptom code for syncope when no cause is identified.",
    "multiSelect": false,
    "time_limit_seconds": null,
    "shuffleWrongAnswers": "wrongOnly",
    "badgeUnlock": true
  }
]

```

MUSCULOSKELETAL CHAPTER-4

```

[
  {
    "chapter": "Musculoskeletal",
    "question": "Chronic low back pain without sciatica. Assign ICD-10.",
    "answers": [
      {"text": "M54.50", "isCorrect": true},
      {"text": "M54.51", "isCorrect": false},
      {"text": "G89.29", "isCorrect": false},
      {"text": "M54.40", "isCorrect": false}
    ],
    "difficulty": "Easy",
    "type": "Recall",
    "tags": ["Back pain"],
    "reward": {"xp": 50, "badgeProgress": "Quick Coder +1"},
  }
]

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    "codingGuideline": "Use location-specific pain code when documented without sciatica.",
    "multiSelect": false,
    "time_limit_seconds": 15,
    "shuffleWrongAnswers": "wrongOnly"
  },
  {
    "chapter": "Musculoskeletal",
    "question": "Osteoporosis with current pathological fracture, right hip, initial encounter.",
    "answers": [
      {"text": "M80.051A", "isCorrect": true},
      {"text": "M81.0", "isCorrect": false},
      {"text": "S72.001A", "isCorrect": false},
      {"text": "M80.051D", "isCorrect": false}
    ],
    "difficulty": "Hard",
    "type": "Scenario",
    "tags": ["Osteoporosis", "Hip fracture"],
    "reward": {"xp": 100, "badgeProgress": "Case Solver +1"},
    "codingGuideline": "Use osteoporosis with current pathological fracture code with correct laterality and 7th character for encounter.",
    "multiSelect": false,
    "time_limit_seconds": null,
    "shuffleWrongAnswers": "wrongOnly",
    "leaderboard": true
  },
  {
    "chapter": "Musculoskeletal",
    "question": "Chronic left ankle gout without tophus. Assign ICD-10.",
    "answers": [
      {"text": "M1A.0720", "isCorrect": true},
      {"text": "M10.072", "isCorrect": false},
      {"text": "M1A.0790", "isCorrect": false},
      {"text": "M1A.0721", "isCorrect": false}
    ],
    "difficulty": "Medium",
    "type": "Scenario",
    "tags": ["Gout"],
    "reward": {"xp": 75, "badgeProgress": "Case Solver +1"},
    "codingGuideline": "Chronic gout without tophus: use M1A with laterality and without tophus.",
    "multiSelect": false,
    "time_limit_seconds": null,
    "shuffleWrongAnswers": "wrongOnly",
    "leaderboard": true
  }

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},
{
  "chapter": "Musculoskeletal",
  "question": "True or False: whenever a patient sees a provider for the first time the 7th
character 'A' is assigned.",
  "answers": [
    {"text": "FALSE", "isCorrect": true},
    {"text": "TRUE", "isCorrect": false}
  ],
  "difficulty": "Easy",
  "type": "Scenario",
  "tags": ["guideline 7th digit characters", "recall"],
  "reward": {"xp": 50, "badgeProgress": "Quick Coder +1"},
  "codingGuideline": "7th character 'A' = initial encounter for active treatment of injury; not
simply first time seeing a provider (Guideline I.C.19 for injury coding context).",
  "multiSelect": false,
  "time_limit_seconds": 15,
  "shuffleWrongAnswers": "wrongOnly"
},
{
  "chapter": "Musculoskeletal",
  "question": "Patient presents with shoulder pain over the past 6 months. The provider
diagnoses partial rotator cuff tear. Assign ICD-10 code.",
  "answers": [
    {"text": "M75.110", "isCorrect": true},
    {"text": "S46.011A", "isCorrect": false},
    {"text": "M75.120", "isCorrect": false},
    {"text": "M25.511", "isCorrect": false}
  ],
  "difficulty": "Easy",
  "type": "Scenario",
  "tags": ["nontraumatic tear/injury"],
  "reward": {"xp": 50, "badgeProgress": "Case Solver +1"},
  "codingGuideline": "Nontraumatic, incomplete rotator cuff tear; unspecified shoulder when
not documented.",
  "multiSelect": false,
  "time_limit_seconds": null,
  "shuffleWrongAnswers": "wrongOnly",
  "leaderboard": true
},
{
  "chapter": "Musculoskeletal",
  "question": "Patient presents with lumbar curvature diagnosed as lordosis. Assign ICD-10
code.",

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"answers": [
  {"text": "M40.56", "isCorrect": true},
  {"text": "M40.30", "isCorrect": false},
  {"text": "M41.86", "isCorrect": false},
  {"text": "M54.50", "isCorrect": false}
],
"difficulty": "Medium",
"type": "Scenario",
"tags": ["Musculoskeletal", "Scenario"],
"reward": {"xp": 75, "badgeProgress": "Case Solver +1"},
"codingGuideline": "Use specific deformity code per tabular list for lordosis of lumbar
region.",
"multiSelect": false,
"time_limit_seconds": null,
"shuffleWrongAnswers": "wrongOnly",
"leaderboard": true
},
{
  "chapter": "Musculoskeletal",
  "question": "Right knee arthritis due to Streptococcus. Assign ICD-10-CM codes.",
  "answers": [
    {"text": "M00.261", "isCorrect": true},
    {"text": "B95.5", "isCorrect": true},
    {"text": "M13.861", "isCorrect": false},
    {"text": "A49.1", "isCorrect": false}
  ],
  "difficulty": "Hard",
  "type": "Recall",
  "tags": ["Musculoskeletal", "Recall"],
  "reward": {"xp": 100, "badgeProgress": "Quick Coder +1"},
  "codingGuideline": "Use additional code to identify infectious agent in diseases classified
elsewhere.",
  "multiSelect": true,
  "time_limit_seconds": 15,
  "shuffleWrongAnswers": "wrongOnly"
},
{
  "chapter": "Musculoskeletal",
  "question": "Patient to operating suite for bilateral hallux varus correction. Assign ICD-10-CM
codes.",
  "answers": [
    {"text": "M20.31", "isCorrect": true},
    {"text": "M20.32", "isCorrect": true},
    {"text": "M20.11", "isCorrect": false},

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    {"text": "M20.12", "isCorrect": false}
  ],
  "difficulty": "Hard",
  "type": "Challenge",
  "tags": ["Musculoskeletal", "Challenge"],
  "reward": {"xp": 150, "badgeProgress": "Master Coder +1"},
  "codingGuideline": "Assign separate codes for right and left hallux varus.",
  "multiSelect": true,
  "time_limit_seconds": null,
  "shuffleWrongAnswers": "wrongOnly",
  "bossType": "Boss"
},
{
  "chapter": "Musculoskeletal",
  "question": "Mass on the left knee diagnosed as ruptured popliteal (Baker) cyst. Assign ICD-10.",
  "answers": [
    {"text": "M66.0", "isCorrect": true},
    {"text": "M71.22", "isCorrect": false},
    {"text": "M71.20", "isCorrect": false},
    {"text": "M25.562", "isCorrect": false}
  ],
  "difficulty": "Medium",
  "type": "Recall",
  "tags": ["Musculoskeletal", "Recall"],
  "reward": {"xp": 50, "badgeProgress": "Quick Coder +1"},
  "codingGuideline": "Rupture of popliteal cyst is coded to M66.0.",
  "multiSelect": false,
  "time_limit_seconds": 15,
  "shuffleWrongAnswers": "wrongOnly"
},
{
  "chapter": "Musculoskeletal",
  "question": "True or False: Juvenile osteochondrosis of the pelvis uses the same ICD-10-CM code as slipped upper femoral epiphysis.",
  "answers": [
    {"text": "FALSE", "isCorrect": true},
    {"text": "TRUE", "isCorrect": false}
  ],
  "difficulty": "Easy",
  "type": "Recall",
  "tags": ["Musculoskeletal", "Recall"],
  "reward": {"xp": 50, "badgeProgress": "Quick Coder +1"},

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    "codingGuideline": "Juvenile osteochondrosis of pelvis = M91.0; slipped upper femoral epiphysis = M93.0- (Excludes1 applies).",
    "multiSelect": false,
    "time_limit_seconds": 15,
    "shuffleWrongAnswers": "wrongOnly"
  }
]

```

INJURY

```

[
  {
    "chapter": "Injury",
    "question": "Closed fracture of distal radius, left arm, initial encounter. Assign ICD-10.",
    "answers": [
      {"text": "S52.502A", "isCorrect": true},
      {"text": "S52.501A", "isCorrect": false},
      {"text": "S52.502D", "isCorrect": false},
      {"text": "S62.502A", "isCorrect": false}
    ],
    "difficulty": "Medium",
    "type": "Scenario",
    "tags": ["Fracture", "Radius"],
    "reward": {"xp": 75, "badgeProgress": "Case Solver +1"},
    "codingGuideline": "Laterality + 7th char for encounter.",
    "multiSelect": false,
    "shuffleWrongAnswers": "wrongOnly",
    "leaderboard": true
  },
  {
    "chapter": "Injury",
    "question": "Second-degree burn of right forearm, initial encounter. Assign ICD-10.",
    "answers": [
      {"text": "T22.211A", "isCorrect": true},
      {"text": "T22.212A", "isCorrect": false},
      {"text": "T22.201A", "isCorrect": false},
      {"text": "T23.201A", "isCorrect": false}
    ],
    "difficulty": "Medium",
    "type": "Scenario",
    "tags": ["Burn"],
    "reward": {"xp": 75, "badgeProgress": "Case Solver +1"},
  }
]

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    "codingGuideline": "Site, degree, laterality, encounter.",
    "multiSelect": false,
    "shuffleWrongAnswers": "wrongOnly",
    "leaderboard": true
  },
  {
    "chapter": "Injury",
    "question": "Two-week follow-up for frostbite with partial thickness skin loss, right 4th & 5th
toes. Assign ICD-10.",
    "answers": [
      {"text": "T33.831D", "isCorrect": true},
      {"text": "T34.831D", "isCorrect": false},
      {"text": "T33.831A", "isCorrect": false},
      {"text": "T33.839D", "isCorrect": false}
    ],
    "difficulty": "Easy",
    "type": "Error Spotting",
    "tags": ["Injury", "Error Spotting"],
    "reward": {"xp": 50, "badgeProgress": "Accuracy Ace +1"},
    "codingGuideline": "Use subsequent encounter (D) for follow-up.",
    "multiSelect": false,
    "shuffleWrongAnswers": "wrongOnly"
  },
  {
    "chapter": "Injury",
    "question": "True or False: A backhoe is classified as a special construction vehicle.",
    "answers": [
      {"text": "TRUE", "isCorrect": true},
      {"text": "FALSE", "isCorrect": false}
    ],
    "difficulty": "Medium",
    "type": "Recall",
    "tags": ["external cause definitions"],
    "reward": {"xp": 50, "badgeProgress": "Quick Coder +1"},
    "codingGuideline": "Chapter 20 external cause definitions.",
    "multiSelect": false,
    "shuffleWrongAnswers": "wrongOnly",
    "leaderboard": true
  },
  {
    "chapter": "Injury",
    "question": "External cause code for bicyclist injured by another bicyclist, initial encounter.
Assign ICD-10.",
    "answers": [

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    {"text": "V11.0XXA", "isCorrect": true},
    {"text": "V10.0XXA", "isCorrect": false},
    {"text": "V19.9XXA", "isCorrect": false},
    {"text": "Y93.55", "isCorrect": false}
  ],
  "difficulty": "Medium",
  "type": "Recall",
  "tags": ["Injury", "Recall"],
  "reward": {"xp": 50, "badgeProgress": "Quick Coder +1"},
  "codingGuideline": "Pedal cycle rider vs pedal cycle rider, nontraffic.",
  "multiSelect": false,
  "shuffleWrongAnswers": "wrongOnly",
  "time_limit_seconds": 15
},
{
  "chapter": "Injury",
  "question": "10-year-old, initial encounter for Salter-Harris Type I physeal fracture, left lower tibia. Assign ICD-10.",
  "answers": [
    {"text": "S89.112A", "isCorrect": true},
    {"text": "S89.111A", "isCorrect": false},
    {"text": "S89.102A", "isCorrect": false},
    {"text": "S82.202A", "isCorrect": false}
  ],
  "difficulty": "Medium",
  "type": "Error Spotting",
  "tags": ["Injury", "Error Spotting"],
  "reward": {"xp": 50, "badgeProgress": "Accuracy Ace +1"},
  "codingGuideline": "Ensure Salter-Harris type matches code; 7th char A for initial.",
  "multiSelect": false,
  "shuffleWrongAnswers": "wrongOnly"
},
{
  "chapter": "Injury",
  "question": "Second-degree burn 7% left lower extremity; third-degree burn 8% right lower extremity; total 15% TBSA, initial. Assign ICD-10.",
  "answers": [
    {"text": "T24.301A, T24.202A, T31.10", "isCorrect": true},
    {"text": "T24.201A, T24.302A, T31.0", "isCorrect": false},
    {"text": "T23.301A, T24.202A, T31.10", "isCorrect": false},
    {"text": "T24.301D, T24.202A, T31.10", "isCorrect": false}
  ],
  "difficulty": "Hard",
  "type": "Vignette",

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"tags": ["Injury", "Vignette"],
"reward": {"xp": 100, "badgeProgress": "Memory Pro +1"},
"codingGuideline": "Code site/degree/laterality + extent (T31.x).",
"multiSelect": false,
"shuffleWrongAnswers": "wrongOnly",
"badgeUnlock": true
},
{
  "chapter": "Injury",
  "question": "Right biceps tendon rupture, surgical encounter. Assign ICD-10.",
  "answers": [
    {"text": "S46.211A", "isCorrect": true},
    {"text": "S46.211D", "isCorrect": false},
    {"text": "M66.221", "isCorrect": false},
    {"text": "S46.219A", "isCorrect": false}
  ],
  "difficulty": "Medium",
  "type": "Challenge",
  "tags": ["Injury", "Challenge"],
  "reward": {"xp": 100, "badgeProgress": "Master Coder +1"},
  "codingGuideline": "Surgical (active treatment) = 7th char A.",
  "multiSelect": false,
  "shuffleWrongAnswers": "wrongOnly",
  "bossType": "Boss"
},
{
  "chapter": "Injury",
  "question": "5-year-old with abrasions and lacerations of the right elbow; wounds cleaned and bandaged. Assign ICD-10.",
  "answers": [
    {"text": "S51.011A", "isCorrect": true},
    {"text": "S50.311A", "isCorrect": false},
    {"text": "S51.001A", "isCorrect": false},
    {"text": "S51.011D", "isCorrect": false}
  ],
  "difficulty": "Easy",
  "type": "Challenge",
  "tags": ["Injury", "Challenge"],
  "reward": {"xp": 75, "badgeProgress": "Master Coder +1"},
  "codingGuideline": "Abrasions often not coded if minor and treated; laceration is principal injury.",
  "multiSelect": false,
  "shuffleWrongAnswers": "wrongOnly",
  "bossType": "Boss"
}

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```

},
{
  "chapter": "Injury",
  "question": "Struck by lightning while golfing on a golf course, initial encounter. Assign ICD-10.",
  "answers": [
    {"text": "T75.00XA, Y93.53, Y92.39", "isCorrect": true},
    {"text": "T75.00XD, Y93.53, Y92.39", "isCorrect": false},
    {"text": "X33.XXXA, Y93.53, Y92.39", "isCorrect": false},
    {"text": "T75.01XA, Y93.53, Y92.39", "isCorrect": false}
  ],
  "difficulty": "Hard",
  "type": "Scenario",
  "tags": ["Injury", "Scenario"],
  "reward": {"xp": 100, "badgeProgress": "Case Solver +1"},
  "codingGuideline": "Primary event + activity + place of occurrence.",
  "multiSelect": false,
  "shuffleWrongAnswers": "wrongOnly",
  "leaderboard": true
},
{
  "chapter": "Injury",
  "question": "Puncture wound, left shoulder, BB gun malfunction; BB embedded and removed. Assign ICD-10.",
  "answers": [
    {"text": "S41.042A, W34.110A", "isCorrect": true},
    {"text": "S41.042D, W34.110A", "isCorrect": false},
    {"text": "S41.012A, W34.110A", "isCorrect": false},
    {"text": "S41.042A, W34.09XA", "isCorrect": false}
  ],
  "difficulty": "Medium",
  "type": "Error Spotting",
  "tags": ["Injury", "Error Spotting"],
  "reward": {"xp": 50, "badgeProgress": "Accuracy Ace +1"},
  "codingGuideline": "Injury code + external cause; with foreign body.",
  "multiSelect": false,
  "shuffleWrongAnswers": "wrongOnly"
},
{
  "chapter": "Injury",
  "question": "Crush injury of left little finger, initial encounter. Assign ICD-10.",
  "answers": [
    {"text": "S67.197A", "isCorrect": true},
    {"text": "S67.196A", "isCorrect": false},

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    {"text": "S67.197D", "isCorrect": false},
    {"text": "S60.417A", "isCorrect": false}
  ],
  "difficulty": "Easy",
  "type": "Scenario",
  "tags": ["Injury", "Scenario"],
  "reward": {"xp": 50, "badgeProgress": "Case Solver +1"},
  "codingGuideline": "Crushing injury by digit and laterality.",
  "multiSelect": false,
  "shuffleWrongAnswers": "wrongOnly",
  "leaderboard": true
},
{
  "chapter": "Injury",
  "question": "True or False: All fractures are coded as nondisplaced unless noted.",
  "answers": [
    {"text": "FALSE", "isCorrect": true},
    {"text": "TRUE", "isCorrect": false}
  ],
  "difficulty": "Easy",
  "type": "Recall",
  "tags": ["Injury", "Recall"],
  "reward": {"xp": 50, "badgeProgress": "Quick Coder +1"},
  "codingGuideline": "If unspecified, code as displaced (I.C.19.c).",
  "multiSelect": false,
  "shuffleWrongAnswers": "wrongOnly"
},
{
  "chapter": "Injury",
  "question": "Accidental chemical burn (corrosion) of right hand from corrosive compound; ED visit, initial. Assign ICD-10.",
  "answers": [
    {"text": "T54.91XA, T23.401A", "isCorrect": true},
    {"text": "T54.91XD, T23.401A", "isCorrect": false},
    {"text": "T23.401A", "isCorrect": false},
    {"text": "T54.92XA, T23.402A", "isCorrect": false}
  ],
  "difficulty": "Medium",
  "type": "Scenario",
  "tags": ["Injury", "Scenario"],
  "reward": {"xp": 75, "badgeProgress": "Case Solver +1"},
  "codingGuideline": "T54.xx toxic effect + T23.xx corrosion site.",
  "multiSelect": false,
  "shuffleWrongAnswers": "wrongOnly",

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    "leaderboard": true
  },
  {
    "chapter": "Injury",
    "question": "Dislocation of right DIP joint, fifth digit, subsequent encounter. Assign ICD-10.",
    "answers": [
      {"text": "S63.296D", "isCorrect": true},
      {"text": "S63.296A", "isCorrect": false},
      {"text": "S63.291D", "isCorrect": false},
      {"text": "S63.200D", "isCorrect": false}
    ],
    "difficulty": "Medium",
    "type": "Recall",
    "tags": ["Injury", "Recall"],
    "reward": {"xp": 50, "badgeProgress": "Quick Coder +1"},
    "codingGuideline": "Joint, digit, side; subsequent = D.",
    "multiSelect": false,
    "shuffleWrongAnswers": "wrongOnly",
    "time_limit_seconds": 15
  },
  {
    "chapter": "Injury",
    "question": "Contusion of cerebrum with loss of consciousness 25 minutes, initial encounter. Assign ICD-10.",
    "answers": [
      {"text": "S06.330A", "isCorrect": false},
      {"text": "S06.331A", "isCorrect": true},
      {"text": "S06.309A", "isCorrect": false},
      {"text": "S06.5X0A", "isCorrect": false}
    ],
    "difficulty": "Medium",
    "type": "Recall",
    "tags": ["Injury", "Recall"],
    "reward": {"xp": 50, "badgeProgress": "Quick Coder +1"},
    "codingGuideline": "LOC ≤30 min = .330; 31–59 min = .331.",
    "multiSelect": false,
    "shuffleWrongAnswers": "wrongOnly",
    "time_limit_seconds": 15
  },
  {
    "chapter": "Injury",
    "question": "External cause code for walked into door, initial encounter. Assign ICD-10.",
    "answers": [
      {"text": "W22.09XA", "isCorrect": true},

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    {"text": "W22.0XXA", "isCorrect": false},
    {"text": "W01.0XXA", "isCorrect": false},
    {"text": "Y92.009", "isCorrect": false}
  ],
  "difficulty": "Easy",
  "type": "Error Spotting",
  "tags": ["Injury", "Error Spotting"],
  "reward": {"xp": 50, "badgeProgress": "Accuracy Ace +1"},
  "codingGuideline": "Strike against/ walked into stationary object.",
  "multiSelect": false,
  "shuffleWrongAnswers": "wrongOnly"
},
{
  "chapter": "Injury",
  "question": "Greenstick fracture of humeral shaft, left arm, follow-up for nonunion. Assign ICD-10.",
  "answers": [
    {"text": "S42.312K", "isCorrect": true},
    {"text": "S42.312D", "isCorrect": false},
    {"text": "S42.302K", "isCorrect": false},
    {"text": "S42.312A", "isCorrect": false}
  ],
  "difficulty": "Medium",
  "type": "Challenge",
  "tags": ["Injury", "Challenge"],
  "reward": {"xp": 100, "badgeProgress": "Master Coder +1"},
  "codingGuideline": "Subsequent with nonunion = 7th char K.",
  "multiSelect": false,
  "shuffleWrongAnswers": "wrongOnly",
  "bossType": "Boss"
},
{
  "chapter": "Injury",
  "question": "True or False: An activity code is only used at the initial encounter of treatment.",
  "answers": [
    {"text": "TRUE", "isCorrect": true},
    {"text": "FALSE", "isCorrect": false}
  ],
  "difficulty": "Easy",
  "type": "Vignette",
  "tags": ["Injury", "Vignette"],
  "reward": {"xp": 50, "badgeProgress": "Memory Pro +1"},
  "codingGuideline": "Chapter 20 (I.C.20.c): activity code used only at initial.",

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    "multiSelect": false,
    "shuffleWrongAnswers": "wrongOnly",
    "badgeUnlock": true
  },
  {
    "chapter": "Injury",
    "question": "Sprain of the cervical spine, subsequent encounter. Assign ICD-10.",
    "answers": [
      {"text": "S13.4XXD", "isCorrect": true},
      {"text": "S13.4XXA", "isCorrect": false},
      {"text": "S16.1XXD", "isCorrect": false},
      {"text": "M54.2", "isCorrect": false}
    ],
    "difficulty": "Easy",
    "type": "Error Spotting",
    "tags": ["Injury", "Error Spotting"],
    "reward": {"xp": 50, "badgeProgress": "Accuracy Ace +1"},
    "codingGuideline": "Sprain of cervical spine; subsequent = D.",
    "multiSelect": false,
    "shuffleWrongAnswers": "wrongOnly"
  }
]

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NERVOUS SYSTEM

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[
  {
    "chapter": "Diseases of the nervous system (G00–G99)",
    "question": "Laboratory results confirmed Denise's condition as meningitis due to E. coli.",
    "answers": [
      {"text": "G00.8", "isCorrect": true},
      {"text": "B96.20", "isCorrect": true},
      {"text": "G03.9", "isCorrect": false},
      {"text": "A41.51", "isCorrect": false}
    ],
    "difficulty": "Medium",
    "type": "Scenario",
    "tags": ["ICD-10", "Meningitis", "E. coli"],
    "reward": {"xp": 75, "badgeProgress": "Case Solver +1"},
    "codingGuideline": "Index: meningitis, due to → G00.8; add B96.- to identify organism (B96.20).",
    "multiSelect": true,

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    "shuffleWrongAnswers": "wrongOnly",
    "leaderboard": true
  },
  {
    "chapter": "Diseases of the nervous system (G00–G99)",
    "question": "Betsy is seen for breathing issues and muscle weakness; documentation indicates Werdnig–Hoffman syndrome.",
    "answers": [
      {"text": "G12.0", "isCorrect": true},
      {"text": "G12.1", "isCorrect": false},
      {"text": "G71.0", "isCorrect": false},
      {"text": "J96.00", "isCorrect": false}
    ],
    "difficulty": "Easy",
    "type": "Scenario",
    "tags": ["Compliance", "SMA", "Werdnig-Hoffman"],
    "reward": {"xp": 50, "badgeProgress": "Case Solver +1"},
    "codingGuideline": "Index: syndrome, Werdnig–Hoffman → G12.0.",
    "multiSelect": false,
    "shuffleWrongAnswers": "wrongOnly",
    "badgeUnlock": true
  },
  {
    "chapter": "Diseases of the nervous system (G00–G99)",
    "question": "86-year-old Henry is diagnosed with vascular parkinsonism after hospitalization and follow-up.",
    "answers": [
      {"text": "G21.4", "isCorrect": true},
      {"text": "G20.A1", "isCorrect": false},
      {"text": "G23.1", "isCorrect": false},
      {"text": "F02.80", "isCorrect": false}
    ],
    "difficulty": "Medium",
    "type": "Error Spotting",
    "tags": ["Coding", "Parkinsonism"],
    "reward": {"xp": 50, "badgeProgress": "Accuracy Ace +1"},
    "codingGuideline": "Index: parkinsonism, vascular → G21.4.",
    "multiSelect": false,
    "shuffleWrongAnswers": "wrongOnly"
  },
  {
    "chapter": "Diseases of the nervous system (G00–G99)",
    "question": "A daytime caregiver is ordered for 71-year-old Blake who has Parkinson's disease.",

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"answers": [
  {"text": "G20.A1", "isCorrect": true},
  {"text": "G21.9", "isCorrect": false},
  {"text": "G20.B1", "isCorrect": false},
  {"text": "Z74.2", "isCorrect": false}
],
"difficulty": "Hard",
"type": "Error Spotting",
"tags": ["Coding", "Parkinson's disease"],
"reward": {"xp": 100, "badgeProgress": "Accuracy Ace +1"},
"codingGuideline": "Parkinson's disease without dyskinesia (current ICD-10-CM expansions)
→ G20.A1 when unspecified beyond base PD.",
"multiSelect": false,
"shuffleWrongAnswers": "wrongOnly",
"streakTrigger": true
},
{
  "chapter": "Diseases of the nervous system (G00–G99)",
  "question": "Documentation of 'chronic pain' is not the same as G89.4 chronic pain syndrome.",
  "answers": [
    {"text": "TRUE", "isCorrect": true},
    {"text": "FALSE", "isCorrect": false}
  ],
  "difficulty": "Easy",
  "type": "Error Spotting",
  "tags": ["Coding", "Pain"],
  "reward": {"xp": 50, "badgeProgress": "Accuracy Ace +1"},
  "codingGuideline": "I.C.6.b.6: Chronic pain vs chronic pain syndrome are not interchangeable.",
  "multiSelect": false,
  "shuffleWrongAnswers": "wrongOnly",
  "streakTrigger": true
},
{
  "chapter": "Diseases of the nervous system (G00–G99)",
  "question": "While out of town, Jon had MRI and labs. He will follow up with PCP for diagnosis of multiple sclerosis.",
  "answers": [
    {"text": "G35", "isCorrect": false},
    {"text": "G35.D", "isCorrect": true},
    {"text": "G36.0", "isCorrect": false},
    {"text": "R94.02", "isCorrect": false}
  ],

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"difficulty": "Medium",  
"type": "Error Spotting",  
"tags": ["Coding", "Multiple sclerosis"],  
"reward": {"xp": 50, "badgeProgress": "Accuracy Ace +1"},  
"codingGuideline": "Multiple sclerosis is coded to G35 (no 7th character).",  
"multiSelect": false,  
"shuffleWrongAnswers": "wrongOnly",  
"pointsOnly": true  
}  
]
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