



CDA Exercises

Exercise 1



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- Which of the following are good candidates for CDA documents?
 - Patient care report ✓
 - Authorization from ED for a procedure ~
 - Patient master file update ✗
 - Post-operative note ✓
 - Laboratory order ~

Exercise 2

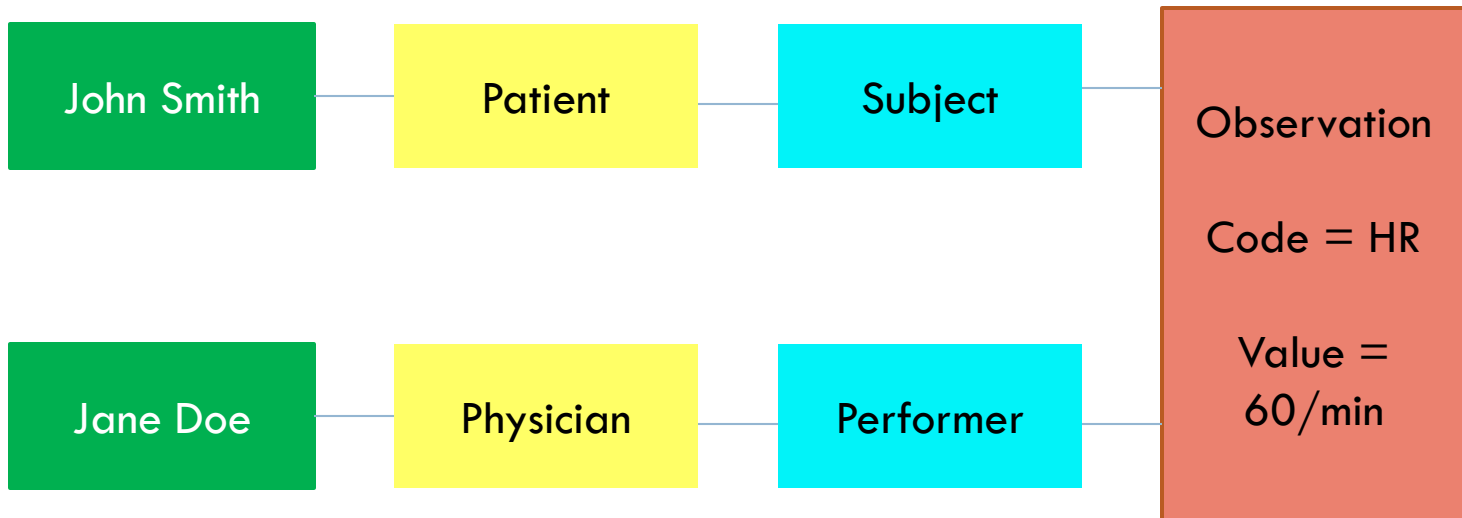
3

Match the information to the location

- | | | |
|---------------------|--|-------------|
| 1. Patient name | _____ | A. Header |
| 2. Systolic BP |  | B. Sections |
| 3. Narrative report |  | C. Entries |

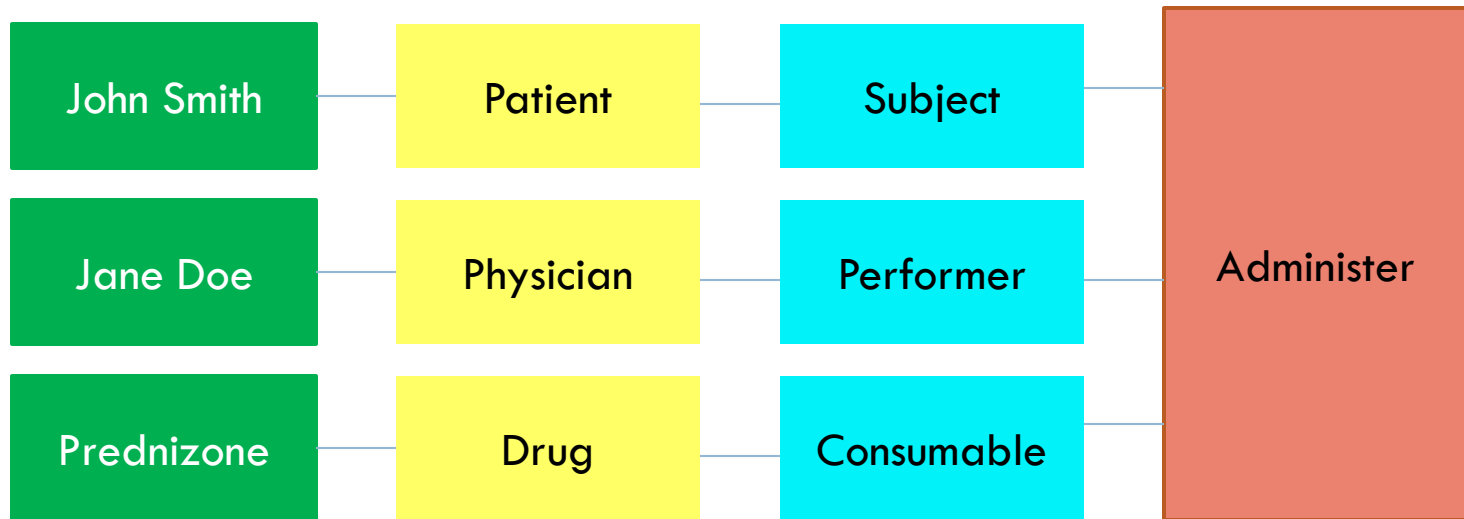
Exercise 3

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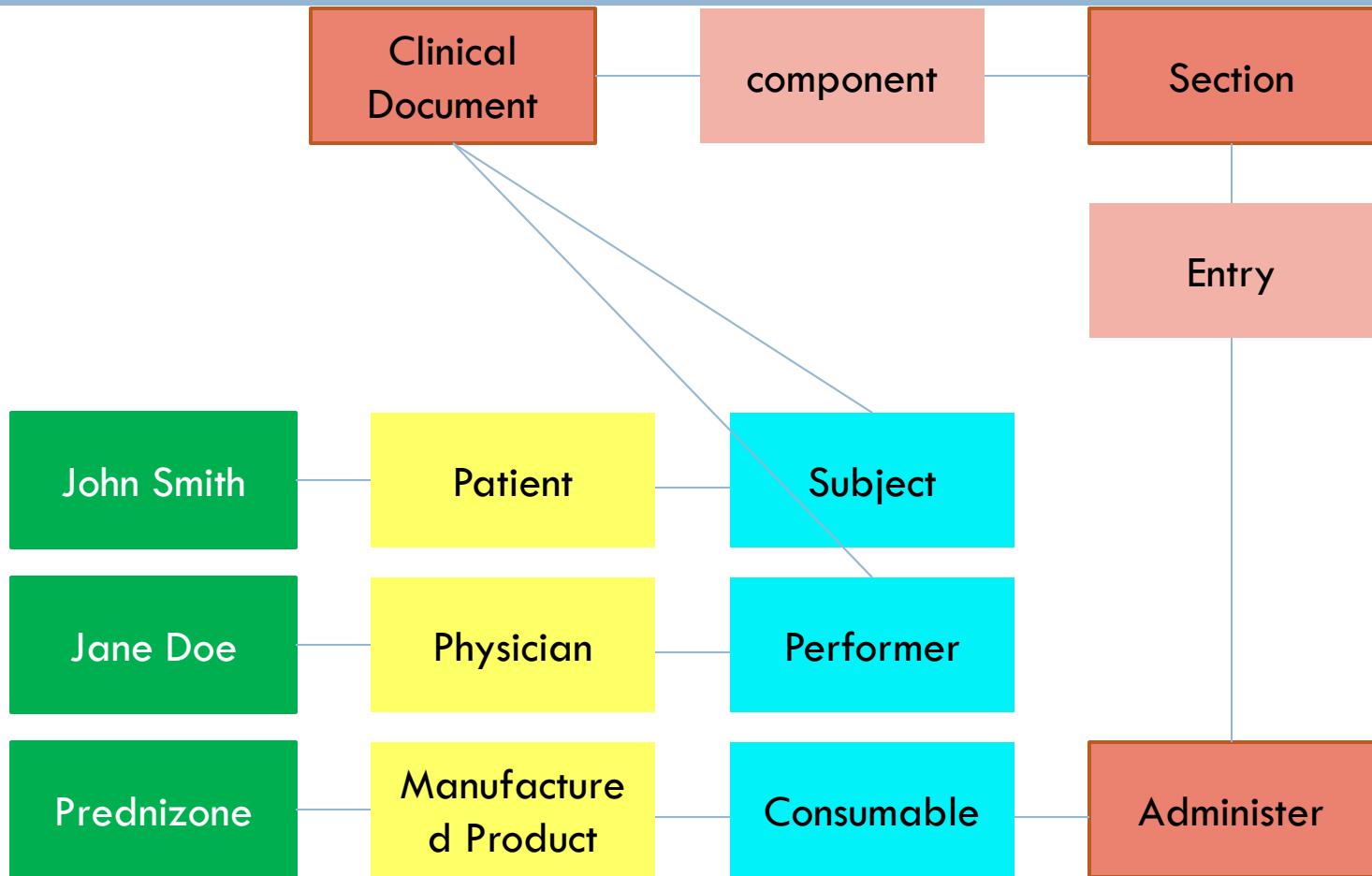
Exercise 4: one solution

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Exercise 4: another solution

6



Exercise 5: Solution

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- For compression-continuous, what's the Code?
- What's the System?
- What constraint does the Guide assert?

Cardiopulmonary Resuscitation Type

| | | |
|-------------|--|------------|
| Value Set | CardiopulmonaryResuscitationType - 2.16.840.1.113883.17.3.5.57 | Constraint |
| Code System | LOINC - 2.16.840.1.113883.6.1 | |

| Code | Code System | System | Print Name |
|-----------|-------------|--------|--|
| LA17749-5 | LOINC | | Compressions-continuous |
| LA17750-3 | LOINC | | Compressions-external band type device |
| LA17751-1 | LOINC | | Compressions-external plunger type device |
| LA17752-9 | LOINC | | Compressions-external thumper type device |
| LA17753-7 | LOINC | | Compressions-intermittant with ventilation |

Code

Exercise 6: one solution

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```
<code code="410429000"
```

```
  displayName="Cardiac Arrest"
```

```
  codeSystem="2.16.840.1.113883.6.96"
```

```
  codeSystemName="SNOMED CT"
```

```
/>
```


Exercise 7

```
<code code="70618"
```

```
  displayName="Penicillin"
```

```
  codeSystem=" 2.16.840.1.113883.6.88"
```

```
  codeSystemName="RxNorm"
```

```
/>
```

Exercise 8

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- Can you leave it out?
 - ▣ Mood code of an observation
 - no
 - ▣ Class code of an observation
 - no
 - ▣ Class code of a patient
 - Yes, but you have to know the terminology to know that

Exercise 9: One Solution

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```
~~~~~  
<title xmlns:cda="urn:hl7-org:v3">Medications Administered</title>  
<text xmlns:cda="urn:hl7-org:v3">  
  <table>  
    <tbody>  
      <tr>  
        <td valign="top">Medication</td>  
        <td valign="top">Dose</td>  
        <td valign="top">Route</td>  
        <td valign="top">Time</td>  
      </tr>  
      <tr>  
        <td valign="top">Medication</td>  
        <td valign="top">Dose</td>  
        <td valign="top">Route</td>  
        <td valign="top">Time</td>  
      </tr>  
    </tbody>  
  </table>  
</text>  
</cda>  
</r>
```