

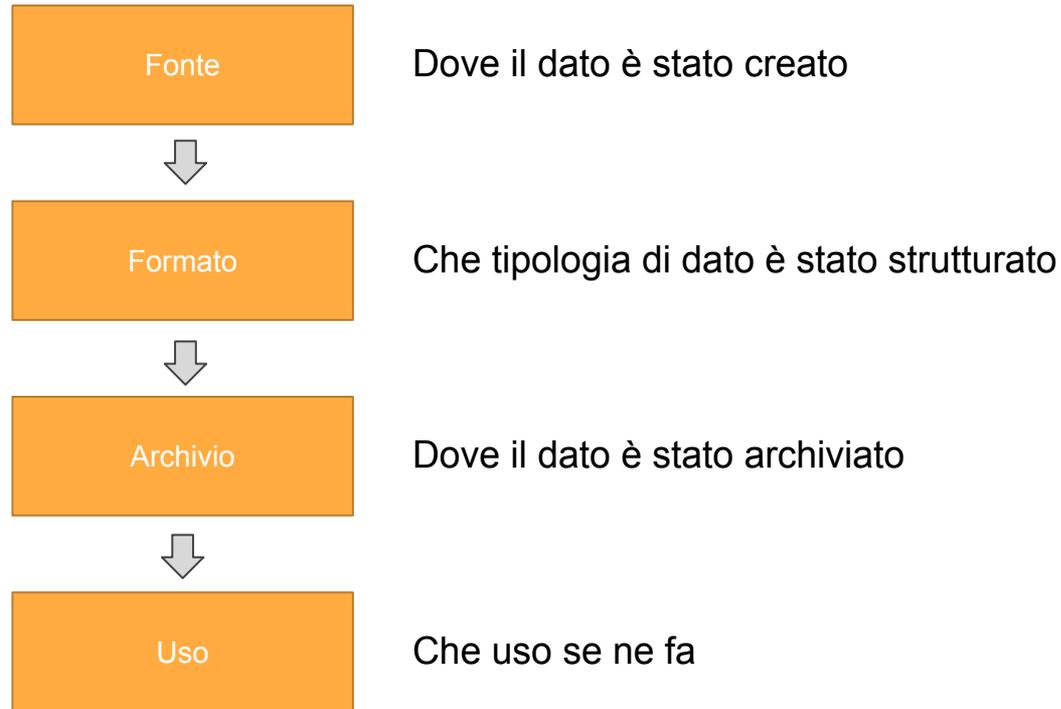
**ACADEMY MOTORE SANITÀ TECH:
I DATI IN SANITÀ
E LA CARTELLA CLINICA ELETTRONICA**

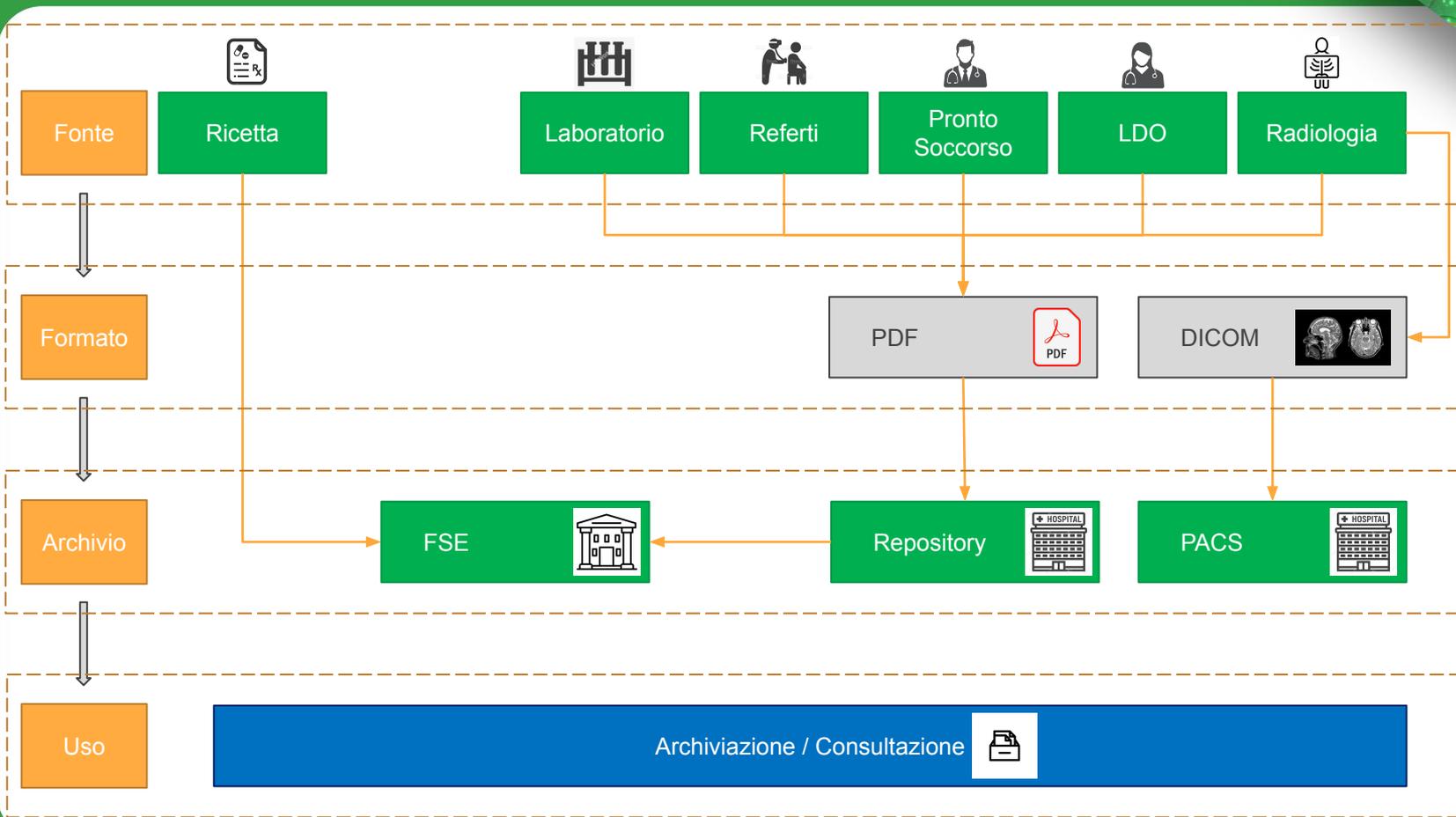
27 APRILE 2021

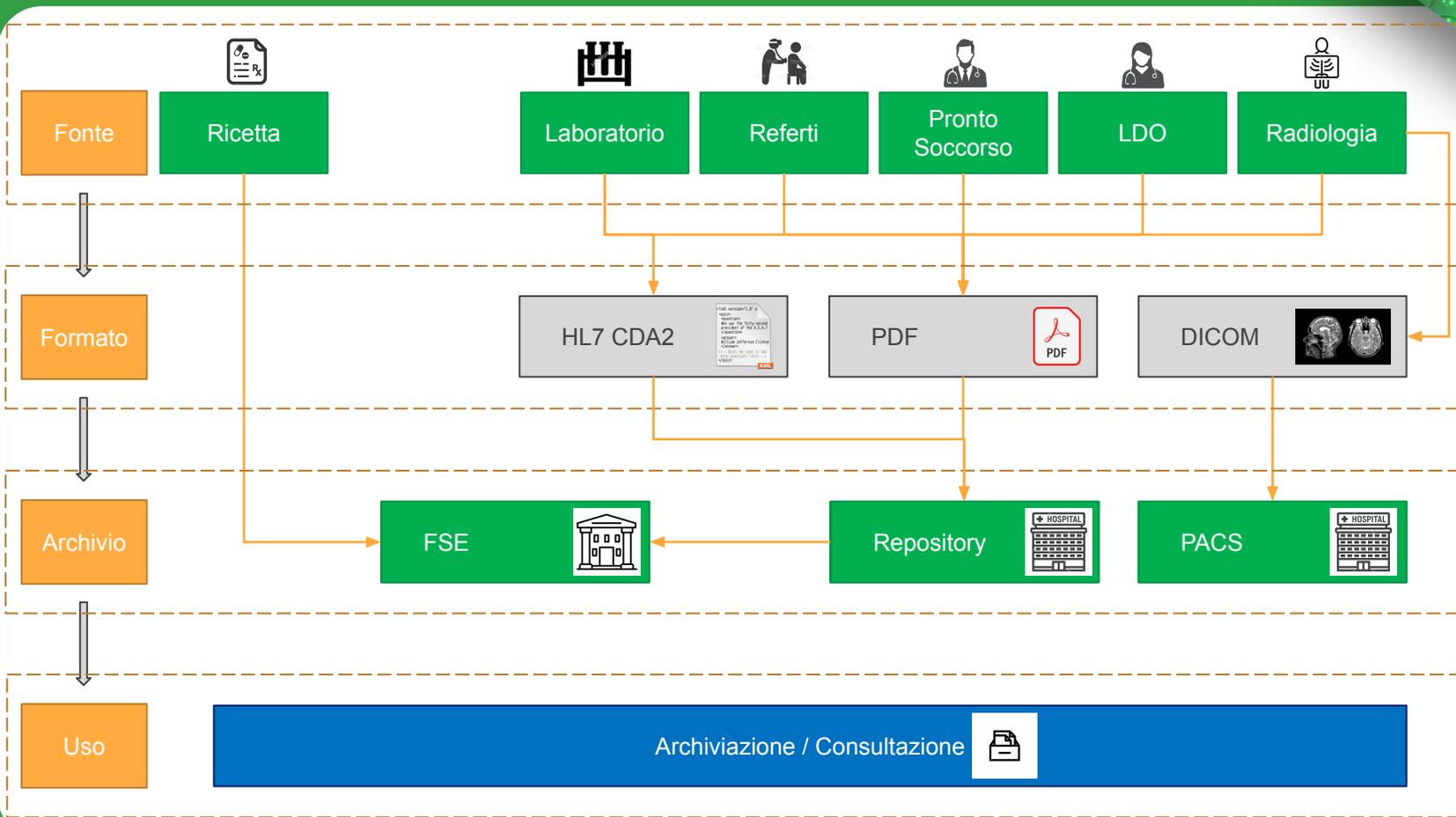


Lorenzo Margola
Healthcare Operations Senior Advisor

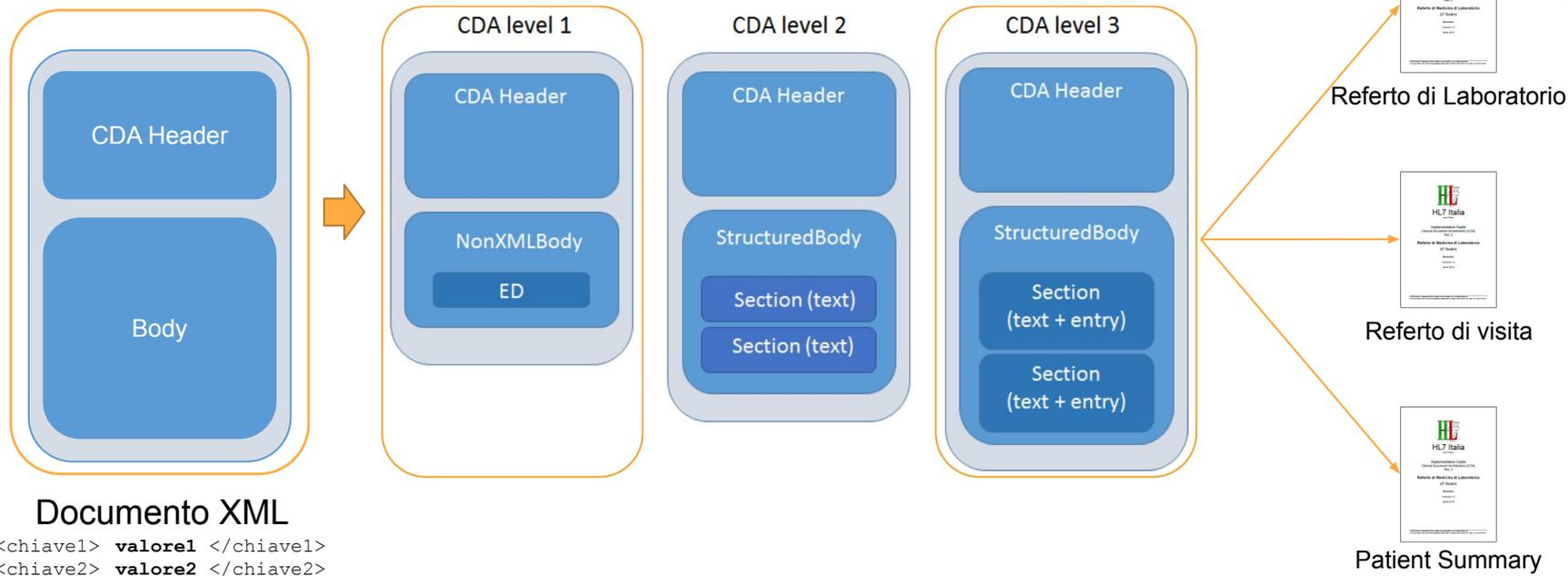
I dati clinici in Sanità







HL7 CDA2 Clinical Document Architecture



HL7 CDA2 Header

Codice fiscale

Nome Cognome

Data e Luogo
di nascita

```
1. <recordTarget>
2.   <patientRole>
3.     <id      root="2.16.840.1.113883.2.9.2.90.4.1"
4.       extension="STP.12383741345"
5.       assigningAuthorityName="Regione Lombardia"/>
6.     <id      root="2.16.840.1.113883.2.9.4.3.2"
7.       extension="XYILNI99M22G999T"
8.       assigningAuthorityName="Ministero Economia e Finanze"/>
9.     <patient>
10.      <name>
11.        <family>Guido</family>
12.        <given>Rossi</given>
13.      </name>
14.      <administrativeGenderCode code="M"
15.        codeSystem="2.16.840.1.113883.5.1"/>
16.      <birthTime value="20080329"/>
17.      <birthplace>
18.        <place>
19.          <addr>
20.            <city>Cirie'</city>
21.            <censusTract>001086</censusTract>
22.          </addr>
23.        </place>
24.      </birthplace>
25.    </patient>
26.  </patientRole>
27. </recordTarget>
```

HL7 CDA2 Body

Testo destrutturato

```
1. <text>
2.     <paragraph>
3.         Anamnesi Familiare: Il padre all'età di 55 anni è stato colpito da angina
         pectoris. Il nonno materno era diabetico.
4.         Anamnesi Fisiologica: all'età di 16 anni si è manifestata l'allergia al
         glutine.
5.         Anamnesi Patologica Remota: Nell'anno 1988 ha subito appendicectomia.
6.         Anamnesi Patologica Prossima: Ne mese di marzo 2016 è stata colpita da
         sindrome influenzale nonostante la vaccinazione antinfluenzale.
7. </paragraph>
8. </text>
```

Codifiche:
LOINC → 29308-4
ICD9CM → 875

```
1. <entry>
2.     <observation classCode="OBS" moodCode="EVN">
3.         <code code="29308-4" codeSystem="2.16.840.1.113883.6.1"
4.             codeSystemName="LOINC" displayName="Diagnosi"/>
5.         <value xsi:type="CD" code="875" codeSystem="2.16.840.1.113883.6.103"
6.             codeSystemName="ICD9CM" displayName="Trauma toracico"/>
7.     </observation>
8. </entry>
```

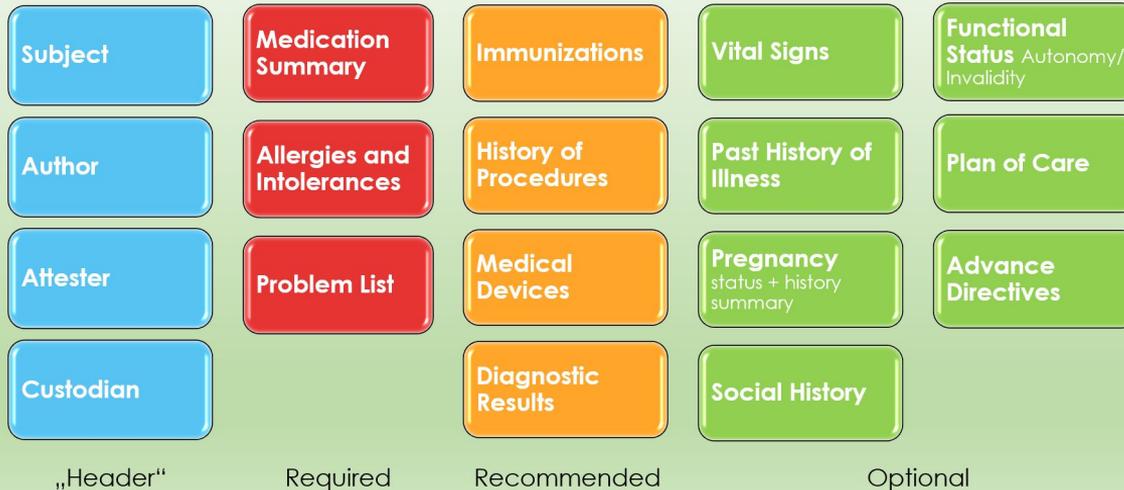
Informazione:
Diagnosi

Valore:
Trauma toracico

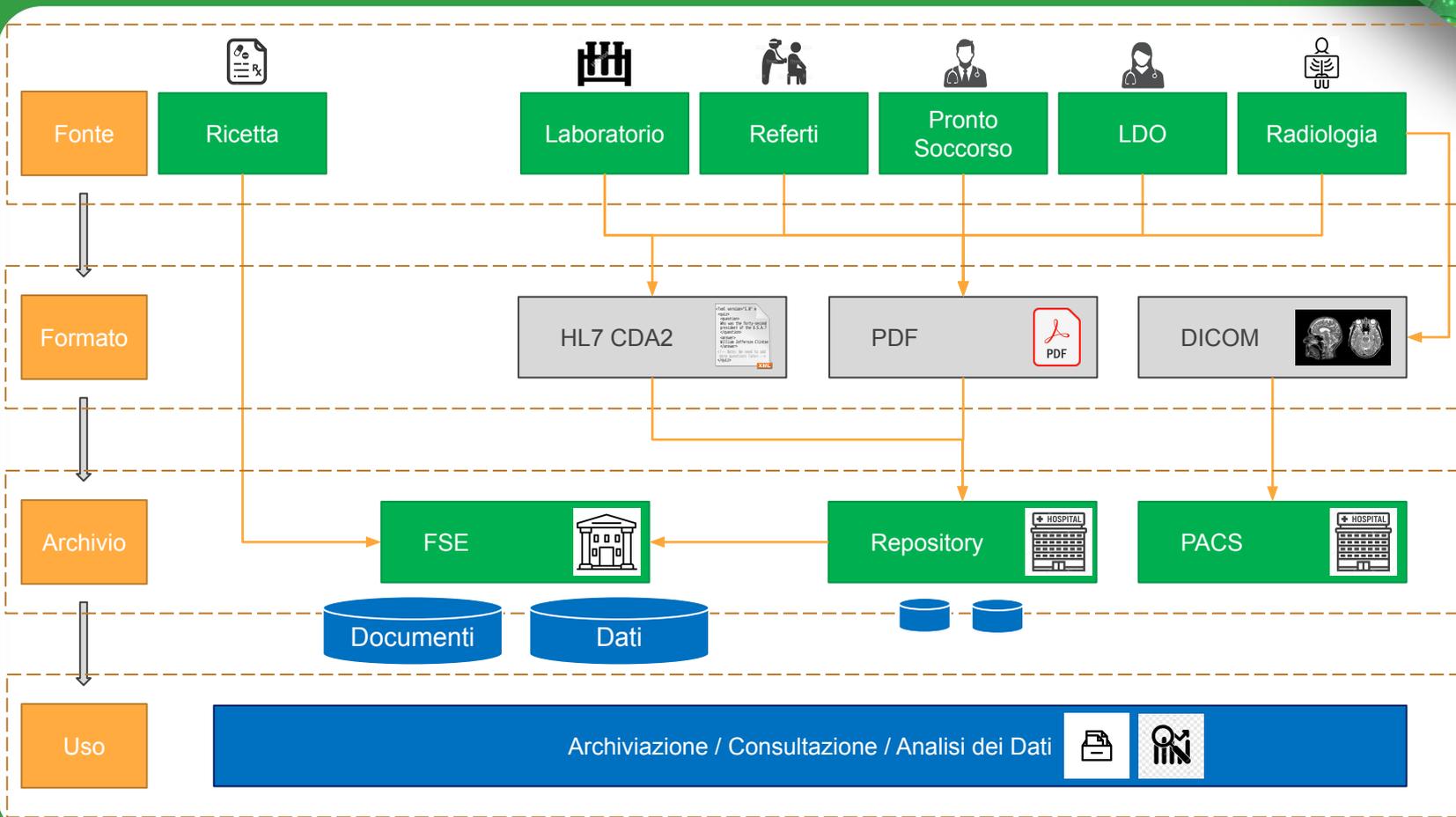
HL7 Interational Patient Summary

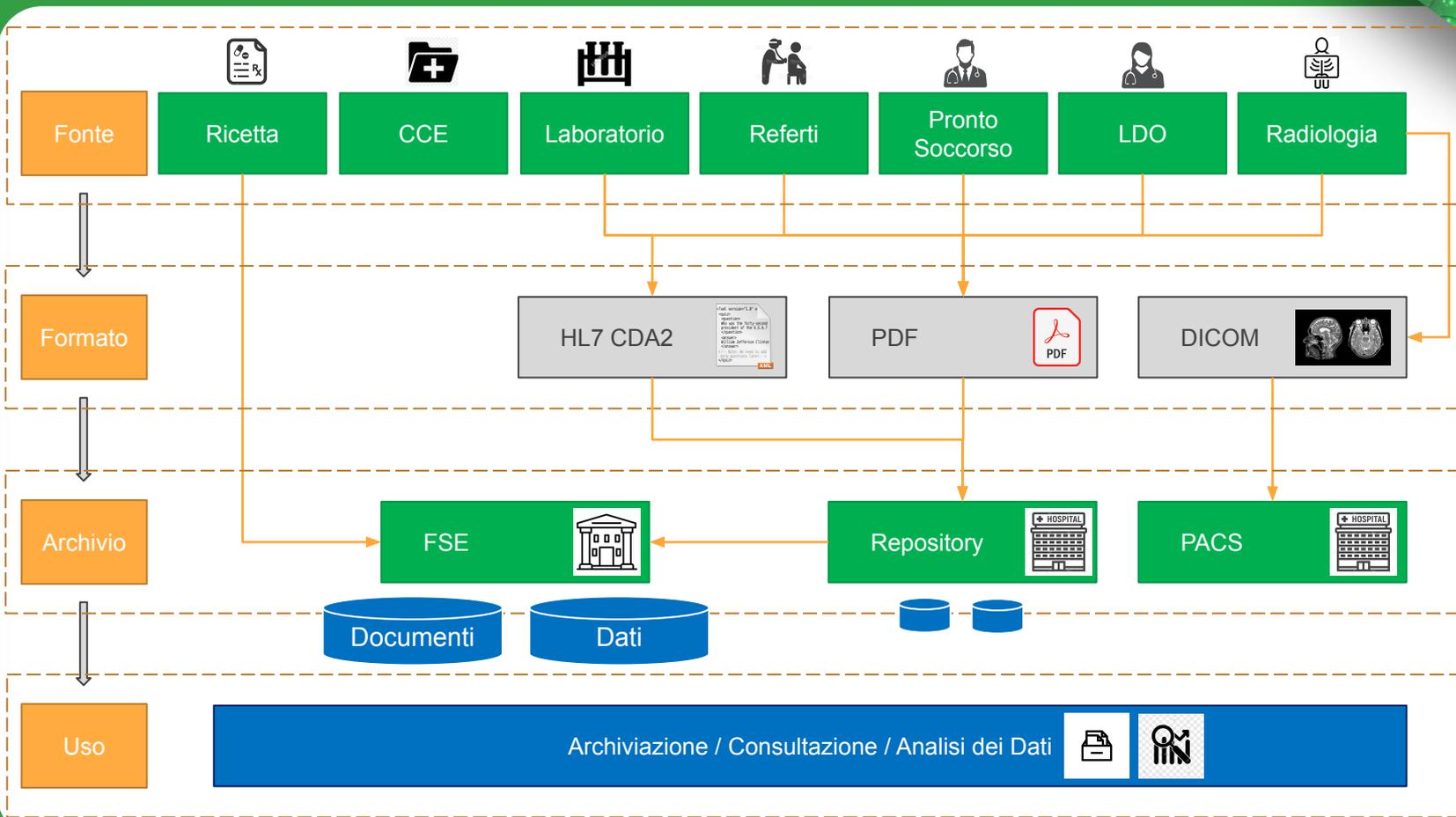
Dataset: minimal and non-exhaustive; specialty-agnostic and condition-independent; but still clinically relevant

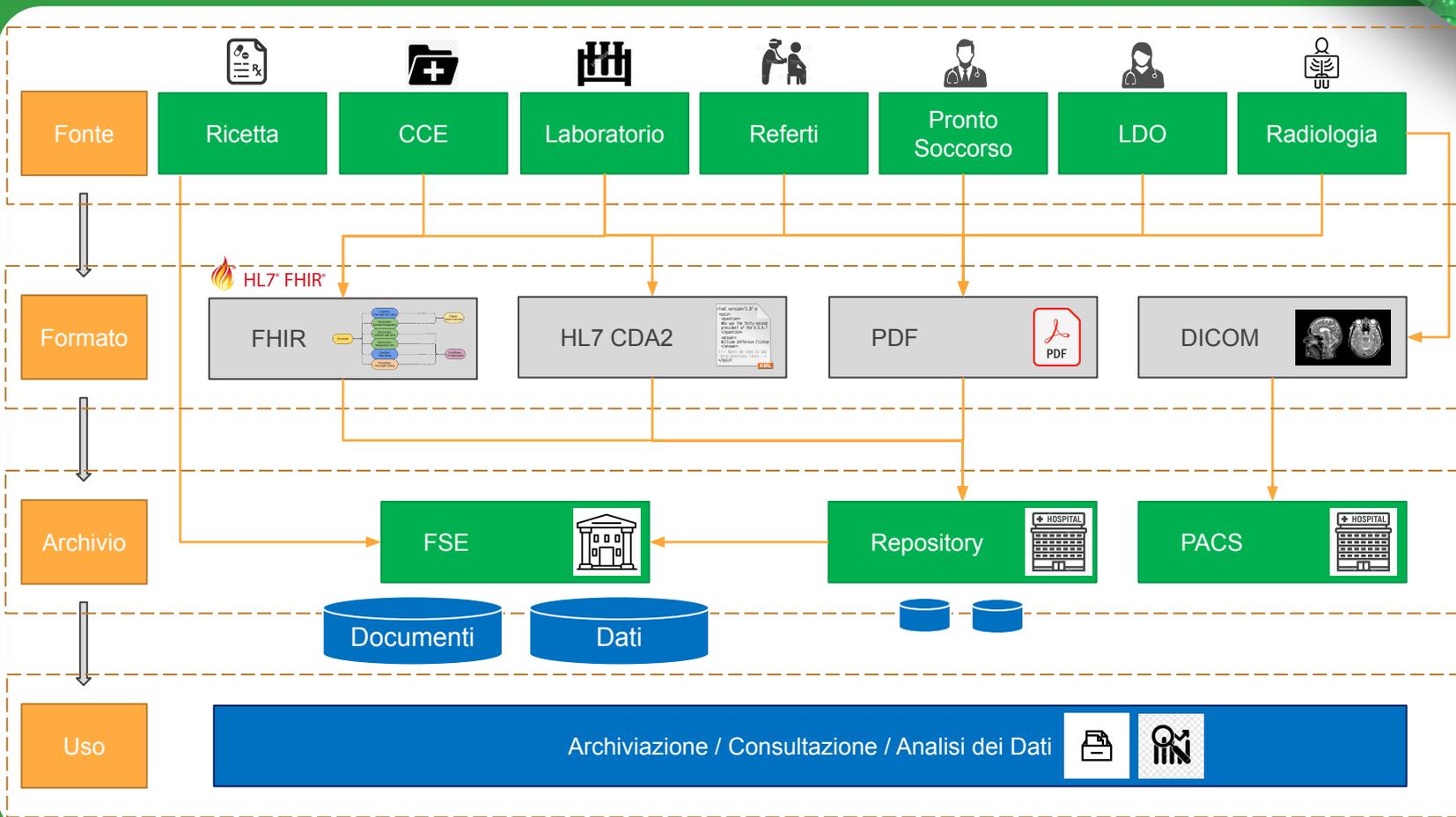
IPS Composition



<https://hl7.org/fhir/uv/ips/STU1/>



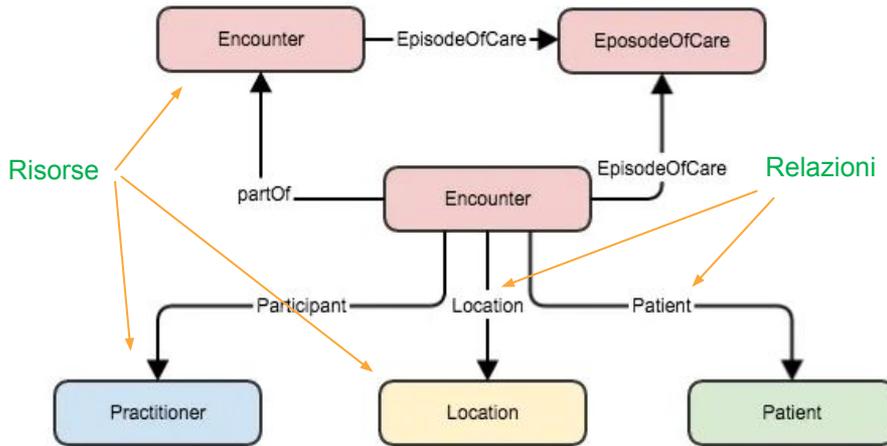




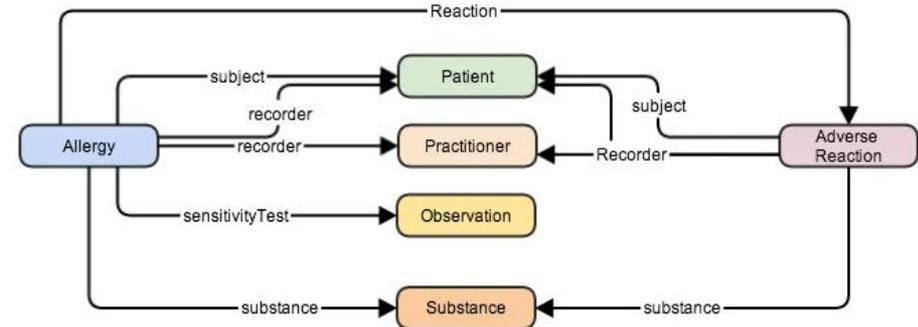
FHIR (Fast Healthcare Interoperability Resources)

<https://www.hl7.org/fhir/>

Resources: a collection of information models that define the data elements, constraints and relationships for the “business objects” most relevant to healthcare



Encounter



AllergyIntolerance

