

## ESERCIZIO

Data la seguente rilevazione di segni vitali per il paziente G. Jackson

**OpenMRS** admin Inpatient Ward Logout

George Jackson Male 74 year(s) (03.Sep.1945) Edit Hide Contact Info Patient ID 100HCM

Address 11617, City 1617 State 1617 Country 161711617 Telephone Number

**DIAGNOSES**  
None

**VITALS**  
Last Vitals: 25.Aug.2016 07:44 AM  
Height (cm) 30cm  
Weight (kg) 23kg  
(Calculated) BMI 255.6  
Temperature 29°C (C)  
Pulse 26/min  
Respiratory rate 58/min  
Blood Pressure 165 / 73  
Blood oxygen saturation 81%

**RECENT VISITS**  
25.Aug.2016 Visit Note, Vitals  
13.Oct.2015 Visit Note, Vitals

**FAMILY**  
None

**CONDITIONS**

**ATTACHMENTS**

**ALLERGIES**  
Unknown

**General Actions**  
Start Visit  
Add Past Visit  
Merge Visits  
Chart Search  
Schedule Appointment  
Request Appointment  
Mark Patient Deceased  
Delete Patient  
Attachments

1. Costruire il file xml in base al template CDA-2 PHMR che potrebbe essere utilizzato per rappresentare questa rilevazione (il file xml può essere creato utilizzando un qualsiasi editor di testo, e.g., blocco note), considerando che la cartella clinica OpenMRS ha i seguenti codici identificativi (<https://wiki.openmrs.org/pages/viewpage.action?pageId=114394054>)

### Official OpenMRS OIDs

OID	Description	Example
2.16.840.1.113883.3.7194	Root OID for OpenMRS.	
2.16.840.1.113883.3.7194.1	OpenMRS Implementation Identifier.	<pre>&lt;id root="2.16.840.1.113883.3.7194.1" extension="AMPATH" /&gt;</pre> <p>Where "AMPATH" is the implementation ID.</p>
2.16.840.1.113883.3.7194.2	OpenMRS Patient identifier	<pre>&lt;id root="2.16.840.1.113883.3.7194.2" extension="1234-4" /&gt;</pre> <p>Where "1234-4" is a patient identifier within an OpenMRS implementation. Note that we do not define separate OIDs for every identifier type. If needed, the identifier type could be specified within the extension.</p>
2.16.840.1.113883.3.7194.3	OpenMRS User identifier	<pre>&lt;id root="2.16.840.1.113883.3.7194.3" extension="1234-4" /&gt;</pre> <p>Where "1234-4" is a user's identifier (e.g., system ID) within an OpenMRS implementation. Note that we do not define separate OIDs for every identifier type. If needed, the identifier type could be specified within the extension.</p>
2.16.840.1.113883.3.7194.4	OpenMRS Provider identifier	<pre>&lt;id root="2.16.840.1.113883.3.7194.4" extension="1234-4" /&gt;</pre> <p>Where "1234-4" is a provider's identifier within an OpenMRS implementation. Note that we do not define separate OIDs for every identifier type. If needed, the identifier type could be specified within the extension.</p>

NB: Il template PHMR è fornito in allegato, ma si suggerisce di fare riferimento alla versione commentata "PHMR-comment.pdf" anch'essa fornita.

2. Compilare la risorsa FHIR "Observation" in formato JSON necessaria per rappresentare uno dei segni vitali indicati nella rilevazione. Vedi:  
<https://www.hl7.org/fhir/observation.html>
3. Identificare le risorse FHIR necessarie per rappresentare l'intero insieme di segni vitali della rilevazione.