

# What resource would you use for?

For each of the following situations / elements, indicate which resource is the most suitable to represent it.

*You need to indicate the name of the resource and why you have chosen it.*

**ASSUMPTION:** Links shared in the forums all seem to reference R4 and note latest R5

1. AN ORAL DIET ORDER

HINT: A REQUEST FOR ORAL DIETS (INCLUDING GENERAL DIETS SUCH AS GENERAL HEALTHY DIET, OR THERAPEUTIC DIETS SUCH AS CONSISTENT CARBOHYDRATE, 2 GRAM SODIUM, OR FLUID RESTRICTED)

**Resource:** NutritionOrder

**Document:** <https://hl7.org/fhir/R4/nutritionorder.html>

**Choice Reason:** A request to supply a diet, formula feeding (enteral) or oral nutritional supplement to a patient/resident.

2. RADIOLOGY REPORT

HINT: IT IS THE REPORT. IT IS NOT THE DICOM IMAGES

**Resource:** DiagnosticReport

**Document:** <https://hl7.org/fhir/R4/diagnosticreport.html>

**Choice Reason:** The findings and interpretation of diagnostic tests performed on patients, groups of patients, devices, and locations, and/or specimens derived from these. The report includes clinical context such as requesting and provider information, and some mix of atomic results, images, textual and coded interpretations, and formatted representation of diagnostic reports.

3. FETAL AND MATERNAL MONITOR

HINT: IT IS THE MEDICAL EQUIPMENT.

**Resource:** Device

**Document:** <https://hl7.org/fhir/R4/device.html>

**Choice Reason:** A type of a manufactured item that is used in the provision of healthcare without being substantially changed through that activity. The device may be a medical or non-medical device.

4. AN OPTOMETRIST

HINT: IT IS THE PHYSICIANS

**Resource:** Practitioner

**Document:** <https://hl7.org/fhir/R4/practitioner.html>

**Choice Reason:** A person who is directly or indirectly involved in the provisioning of healthcare.

5. DICTATED SOUND CLIP

HINT: IT IS THE AUDIO RECORDINGS

**Resource:** Media

**Document(s):** <https://hl7.org/fhir/R4/media.html>

**Choice Reason:** A photo, video, or audio recording acquired or used in healthcare. The actual content may be inline or provided by direct reference.

6. RESPIRATORY RATE

HINT: IT IS THE VITAL SIGN

**Resource:** Observation

**Document:** <https://hl7.org/fhir/R4/observation.html>

**Choice Reason:**

Uses for the Observation resource include:

- Vital signs such as [body weight](#), [blood pressure](#), and [temperature](#)

**Observations support vital signs data.**

7. SPUTUM

HINT: SPUTUM IS THE MATERIAL THAT COMES UP FROM AIR PASSAGES WHEN YOU COUGH DEEPLY. IT IS THE SAMPLE FOR LAB TEST

**Resource:** Specimen

**Document:** <https://hl7.org/fhir/R4/specimen.html>

**Choice Reason:**

Scope and usage states: "Any material sample:

- taken from a biological entity, living or dead
- taken from a physical object or the environment"

8. PHARMACY

HINT: IT IS THE HEALTHCARE SERVICE

**Resource:** HealthcareService

**Document:** <https://hl7.org/fhir/R4/healthcareservice.html>

**Choice Reason:**

Scope and usage states: “The HealthcareService resource is used to describe a single healthcare service or category of services that are provided by an organization at a location. The location of the services could be virtual, as with telemedicine services.

Common examples of HealthcareServices resources are:

- Allied Health
- Clinical Neuropsychologist
- Podiatry Service
- Smallville Hospital Emergency Services
- Respite care provided at a nursing home or hostel
- 24hr crisis telephone counseling service
- Information, advice and/or referral services; Disability, Telecommunications
- Rural TeleHealth Services
- Hospital in the home
- Yellow Cabs
- Pharmacy
- Active Rehab
- Social Support
- Drug and/or alcohol counseling
- Day Programs, Adult Training & Support Services
- Consulting psychologists and/or psychology services
- Group Hydrotherapy
- Little River Home Maintenance
- CT Head Scan w/o Contrast
- CT Head Scan with Contrast
- CT Head+Chest Scan with Contrast

*HealthcareService resources do not represent Computer related Services (not SOA)”*

#### 9. PATIENT EDUCATIONAL MATERIAL SENT BY A PROVIDER TO A PATIENT

HINT: IT IS A RECORD OF A COMMUNICATION

**Resource:** Communication

**Document:** <https://hl7.org/fhir/R4/communication.html>

**Choice Reason:**

Scope and usage states:

Communication use cases include:

- A reminder or alert delivered to a responsible provider
- A recorded notification from the nurse to the on-call physician (or any other specified person) that a patient's temperature exceeds a value
- A response from a public health agency to a provider caring for a patient presenting with a communicable disease reportable to the public health agency

- Patient educational material sent by a provider to a patient
- Unable to deliver lab results to ordering physician
- Submission of supplementary health information to a payer in support of a claim
- Non-patient specific communication use cases may include:
  - A nurse call from a hall bathroom
  - Advisory for battery service from a pump”

#### 10. HERNIA REPAIR.

HINT: IN A TRADITIONAL REPAIR, THE SURGEON MAKES AN INCISION SEVERAL INCHES LONG NEAR THE HERNIA

**Resource:** Procedure

**Document:** <https://hl7.org/fhir/R4/procedure.html>

**Choice Reason:** Examples include surgical procedures, diagnostic procedures, endoscopic procedures, biopsies, counseling, physiotherapy, personal support services, adult day care services, non-emergency transportation, home modification, exercise, etc. Procedures may be performed by a healthcare professional, a service provider, a friend or relative or in some cases by the patient themselves.