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.

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://www.hl7.org/fhir/nutritionorder.html>  
   **Choice Reason:**   
   Scope and usage states: *“The NutritionOrder resource describes 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)”*
2. Radiology report  
   HINT: It is the report. It is not the DICOM images  
     
   **Resource:** DiagnosticReport  
   **Document:** <https://www.hl7.org/fhir/diagnosticreport.html>  
   **Choice Reason:**   
   Scope and usage states: “*The findings and interpretation of diagnostic tests performed on patients, groups of patients, products, substances, devices, and locations, and/or specimens derived from these. The report includes clinical context such as requesting provider information, and some mix of atomic results, images, textual and coded interpretations, and formatted representation of diagnostic reports. The report also includes non-clinical context such as batch analysis and stability reporting of products and substances.*”  
     
   There are multiple resources that are reports but diagnostic report is one that would be used by a radiologist and include their images, context and findings of the patient or group of patients.
3. Fetal and Maternal Monitor  
   HINT: It is the medical equipment.  
     
   **Resource:** Device  
   **Document:** <https://www.hl7.org/fhir/device.html>  
   **Choice Reason:**   
   Scope and usage states: “This is a base resource that tracks individual **instances** of a device and their location.”  
     
   The phrase "It is the medical equipment" aligns well with the `Device` resource, which represents a physical piece of medical equipment. On the other hand, the `DeviceRequest` resource does not represent a physical device, but rather a request for a device to be used.
4. An optometrist  
   HINT: It is the physicians  
     
   **Resource:** Practitioner  
   **Document:** <https://hl7.org/fhir/practitioner.html>  
   **Choice Reason:**   
   Scope and usage states: “Practitioner covers all individuals who are engaged in the healthcare process and healthcare-related services as part of their formal responsibilities and this Resource is used for attribution of activities and responsibilities to these individuals. Practitioners include (but are not limited to):

* physicians, dentists, pharmacists
* physician assistants, nurses, scribes
* midwives, dietitians, therapists, optometrists, paramedics
* medical technicians, laboratory scientists, prosthetic technicians, radiographers
* social workers, professional homecare providers, official volunteers
* receptionists handling patient registration
* IT personnel merging or unmerging patient records
* service animal (e.g., ward assigned dog capable of detecting cancer in patients)
* a bus driver for a community organization
* a lawyer acting for a hospital or a patient
* a person working for a supplier of a healthcare organization”

1. Dictated Sound Clip  
   HINT: It is the audio recordings
2. Respiratory Rate  
   HINT: It is the vital sign
3. Sputum  
   HINT: Sputum is the material that comes up from air passages when you cough deeply. It is the sample for lab test
4. Pharmacy  
   HINT: It is the healthcare service
5. Patient educational material sent by a provider to a patient  
   HINT: It is a record of a communication
6. Hernia repair.  
   HINT: In a traditional repair, the surgeon makes an incision several inches long near the hernia