

# API Usage Examples

## Getting Observations

An example of how to get all observations for a patient. We use the [API](#) method for getting observations:

```
List<Obs> getObservations(List<Person> whom, List<Encounter> encounters, List<Concept> questions,  
    List<Concept> answers, List<PERSON_TYPE> personTypes, List<Location> locations, List<String> sort,  
    Integer mostRecentN, Integer obsGroupId, Date fromDate, Date toDate, boolean includeVoidedObs)  
    throws APIException;
```

To get all observations for a person:

```
import org.openmrs.Person;  
import org.openmrs.Obs;  
  
// Create a list with one person  
List<Person> personList = new ArrayList<Person>();  
personList.add(Context.getPersonService().getPerson(4562)) // using a random person ID for example  
  
// Get all observations for person 4562 that are not voided  
List<Obs> obsList = Context.getObsService().  
    getObservations(personList, null, null, null, null, null, null, null, null, null, null, false);  
  
// obsList now contains all non-voided observations for person 4562
```