```python
import lxml.etree as ET
from fhir.resources import (
    DocumentReference,
    Practitioner,
    Organization,
    Patient,
    Encounter,
    Condition,
    Observation,
    Procedure,
    DiagnosticReport,
)

# Parse QRDA document
qrda_doc = ET.parse("path/to/qrda/document.xml")
root = qrda_doc.getroot()

# Extract relevant data elements
patient_data = root.xpath("QRDA/recordTarget/patientRole")
encounter_data = root.xpath("QRDA/componentOf/encounter")
conditions_data = root.xpath("QRDA/component/assessmentPerformed")
observations_data = root.xpath("QRDA/component/observationPerformed")
procedures_data = root.xpath("QRDA/component/procedurePerformed")
diagnostic_report_data = root.xpath("QRDA/component/result")

# Create FHIR resources
patient = Patient(
    # map relevant data elements to FHIR fields
)

encounter = Encounter(
    # map relevant data elements to FHIR fields
)

conditions = [
    Condition(
        # map relevant data elements to FHIR fields
    ) for data in conditions_data
]

observations = [
    Observation(
        # map relevant data elements to FHIR fields
    ) for data in observations_data
```

```python
]

procedures = [
    Procedure(
        # map relevant data elements to FHIR fields
    ) for data in procedures_data
]

diagnostic_report = DiagnosticReport(
    # map relevant data elements to FHIR fields
)

document_reference = DocumentReference(
    # map relevant data elements to FHIR fields
)

practitioner = Practitioner(
    # map relevant data elements to FHIR fields
)

organization = Organization(
    # map relevant data elements to FHIR fields
)
```