GP IT Integration: FHIR Payload of Healthcare Data
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GP Registration Observations:


```
{
  "resourceType": "Bundle",
  "type": "transaction",
  "entry": [
    {
      "fullUrl": "urn:uuid:d574c90c-887a-4b6d-93c4-1aa3cb74c1eb",
      "resource": {
        "resourceType": "Patient",
        "name": [
          {
            "prefix": "Mr",
            "family": "Doe",
            "given": [
              "John"
            ]
          }
        ],
        "birthDate": "1963-08-06",
        "contact": [
          {
            "address": {
              "line": [
                "7 Wellington Place"
              ],
              "city": "Leeds",
              "postalCode": "LS1 4AP",
              "country": "United Kingdom"
            },
            "telecom": [
              {
                "system": "phone",
                "use": "home",
                "value": "01234567890"
              },
              {
                "system": "phone",
                "use": "mobile",
                "value": "07777777777"
              },
              {
                "system": "email",
                "value": "test@example.com"
              }
            ]
          }
        ]
      },
      "request": {
        "method": "POST",
        "url": "Patient"
      }
    },
    {
      "fullUrl": "urn:uuid:b33d584b-8e73-4458-8956-cd2adbe8ec44",
      "resource": {
        "resourceType": "Observation",
        "status": "final",
        "code": {
          "coding": [
```

```
            {
              "system": "http://snomed.info/sct",
              "code": "398089004",
              "display": "Ethnic background"
            }
          ]
        },
        "subject": {
          "reference": "Patient/d574c90c-887a-4b6d-93c4-1aa3cb74c1eb"
        },
        "effectiveDateTime": "2024-04-19T10:32:27+00:00",
        "issued": "2024-04-19T10:32:27.262+00:00",
        "valueCodeableConcept": {
          "coding": [
            {
              "system": "https://fhir.hl7.org.uk/CodeSystem/UKCore-
EthnicCategoryWales",
              "code": "J",
              "display": "Pakistani"
            }
          ]
        }
      },
      "request": {
        "method": "POST",
        "url": "Observation"
      }
    },
    {
      "fullUrl": "urn:uuid:2ec26083-d591-4120-b7d6-4983979b9e96",
      "resource": {
        "resourceType": "Observation",
        "status": "final",
        "code": {
          "coding": [
            {
              "system": "http://snomed.info/sct",
              "code": "50373000",
              "display": "Body height measure"
            }
          ]
        },
        "subject": {
          "reference": "Patient/d574c90c-887a-4b6d-93c4-1aa3cb74c1eb"
        },
        "effectiveDateTime": "2024-04-19T10:32:27+00:00",
        "issued": "2024-04-19T10:32:27.262+00:00",
        "valueQuantity": {
          "value": 175,
          "unit": "centimeters"
        }
      },
      "request": {
        "method": "POST",
        "url": "Observation"
      }
    },
    {
      "fullUrl": "urn:uuid:35b876d3-eeb6-4e09-a6ab-1e4d209e259e",
      "resource": {
        "resourceType": "Observation",
```

```
        "status": "final",
        "code": {
          "coding": [
            {
              "system": "http://snomed.info/sct",
              "code": "27113001",
              "display": "Body weight"
            }
          ]
        },
        "subject": {
          "reference": "Patient/d574c90c-887a-4b6d-93c4-1aa3cb74c1eb"
        },
        "effectiveDateTime": "2024-04-19T10:32:27+00:00",
        "issued": "2024-04-19T10:32:27.262+00:00",
        "valueQuantity": {
          "value": 75,
          "unit": "kilogram",
          "system": "http://unitsofmeasure.org",
          "code": "kg"
        }
      },
      "request": {
        "method": "POST",
        "url": "Observation"
      }
    }
  ]
}
```

GP Registration Additional Clinical Resources:


```
{
  "resourceType": "Bundle",
  "type": "transaction",
  "entry": [
    {
      "fullUrl": "urn:uuid:d574c90c-887a-4b6d-93c4-1aa3cb74c1eb",
      "resource": {
        "resourceType": "Patient",
        "name": [
          {
            "prefix": "Mr",
            "family": "Doe",
            "given": [
              "John"
            ]
          }
        ],
        "birthDate": "1963-08-06",
        "contact": [
          {
            "address": {
              "line": [
                "7 Wellington Place"
              ],
              "city": "Leeds",
              "postalCode": "LS1 4AP",
              "country": "United Kingdom"
            },
            "telecom": [
              {
                "system": "phone",
                "use": "home",
                "value": "01234567890"
              },
              {
                "system": "phone",
                "use": "mobile",
                "value": "07777777777"
              },
              {
                "system": "email",
                "value": "test@example.com"
              }
            ]
          }
        ]
      },
      "request": {
        "method": "POST",
        "url": "Patient"
      }
    },
    {
      "fullUrl": "urn:uuid:b33d584b-8e73-4458-8956-cd2adbe8ec44",
      "resource": {
        "resourceType": "Observation",
        "status": "final",
        "code": {
          "coding": [
```

```
            {
              "system": "http://snomed.info/sct",
              "code": "398089004",
              "display": "Ethnic background"
            }
          ]
        },
        "subject": {
          "reference": "Patient/d574c90c-887a-4b6d-93c4-1aa3cb74c1eb"
        },
        "effectiveDateTime": "2024-04-19T10:32:27+00:00",
        "issued": "2024-04-19T10:32:27.262+00:00",
        "valueCodeableConcept": {
          "coding": [
            {
              "system": "https://fhir.hl7.org.uk/CodeSystem/UKCore-
EthnicCategoryWales",
              "code": "J",
              "display": "Pakistani"
            }
          ]
        }
      },
      "request": {
        "method": "POST",
        "url": "Observation"
      }
    },
    {
      "fullUrl": "urn:uuid:2ec26083-d591-4120-b7d6-4983979b9e96",
      "resource": {
        "resourceType": "Observation",
        "status": "final",
        "code": {
          "coding": [
            {
              "system": "http://snomed.info/sct",
              "code": "50373000",
              "display": "Body height measure"
            }
          ]
        },
        "subject": {
          "reference": "Patient/d574c90c-887a-4b6d-93c4-1aa3cb74c1eb"
        },
        "effectiveDateTime": "2024-04-19T10:32:27+00:00",
        "issued": "2024-04-19T10:32:27.262+00:00",
        "valueQuantity": {
          "value": 175,
          "unit": "centimeters"
        }
      },
      "request": {
        "method": "POST",
        "url": "Observation"
      }
    },
    {
      "fullUrl": "urn:uuid:35b876d3-eeb6-4e09-a6ab-1e4d209e259e",
      "resource": {
        "resourceType": "Observation",
```

```
    "status": "final",
        "code": {
          "coding": [
            {
              "system": "http://snomed.info/sct",
              "code": "27113001",
              "display": "Body weight"
            }
          ]
        },
        "subject": {
          "reference": "Patient/d574c90c-887a-4b6d-93c4-1aa3cb74c1eb"
        },
        "effectiveDateTime": "2024-04-19T10:32:27+00:00",
        "issued": "2024-04-19T10:32:27.262+00:00",
        "valueQuantity": {
          "value": 75,
          "unit": "kilogram",
          "system": "http://unitsofmeasure.org",
          "code": "kg"
        }
      },
      "request": {
        "method": "POST",
        "url": "Observation"
      }
    },
    {
      "fullUrl": "urn:uuid:3da4dc3f-7d85-4bdf-99ef-9c76d2292cb8",
      "resource": {
        "resourceType": "MedicationStatement",
        "status": "active",
        "medicationCodeableConcept": {
          "coding": [
            {
              "system": "http://snomed.info/sct",
              "code": "777483005",
              "display": "Salbutamol"
            }
          ]
        },
        "subject": {
          "reference": "Patient/d574c90c-887a-4b6d-93c4-1aa3cb74c1eb"
        },
        "dateAsserted": "2024-04-19T10:32:27+00:00",
        "informationSource": {
          "reference": "Patient/d574c90c-887a-4b6d-93c4-1aa3cb74c1eb"
        },
        "dosage": [
          {
            "doseAndRate": [
              {
                "doseQuantity": {
                  "value": "100",
                  "unit": "microgram",
                  "system": "http://unitsofmeasure.org",
                  "code": "ug"
                }
              }
            ]
          }
```

```
        ]
      },
      "request": {
        "method": "POST",
        "url": "MedicationStatement"
      }
    },
    {
      "fullUrl": "urn:uuid:279cc141-7a27-413b-b0fa-dae0b0ec53c6",
      "resource": {
        "resourceType": "Condition",
        "clinicalStatus": {
          "coding": [
            {
              "code": "active",
              "system": "http://terminology.hl7.org/CodeSystem/condition-clinical",
              "display": "Active"
            }
          ]
        },
        "code": {
          "coding": [
            {
              "system": "http://snomed.info/sct",
              "code": "195967001",
              "display": "Asthma"
            }
          ]
        },
        "subject": {
          "reference": "Patient/d574c90c-887a-4b6d-93c4-1aa3cb74c1eb"
        },
        "recordedDate": "2024-04-19T10:32:27+00:00",
        "recorder": {
          "reference": "Patient/d574c90c-887a-4b6d-93c4-1aa3cb74c1eb"
        }
      },
      "request": {
        "method": "POST",
        "url": "Condition"
      }
    },
    {
      "fullUrl": "urn:uuid:69736640-8e7a-437e-bef2-f2deeca90644",
      "resource": {
        "resourceType": "AllergyIntolerance",
        "clinicalStatus": {
          "coding": [
            {
              "code": "active",
              "system": "http://terminology.hl7.org/CodeSystem/allergyintolerance-
clinical",
              "display": "Active"
            }
          ]
        },
        "code": {
          "coding": [
            {
              "system": "http://snomed.info/sct",
```

```
                "code": "91934008",
                "display": "Nut allergy"
              }
            ]
          },
          "patient": {
            "reference": "Patient/d574c90c-887a-4b6d-93c4-1aa3cb74c1eb"
          },
          "recordedDate": "2024-04-19T10:32:27+00:00",
          "recorder": {
            "reference": "Patient/d574c90c-887a-4b6d-93c4-1aa3cb74c1eb"
          }
        },
        "request": {
          "method": "POST",
          "url": "AllergyIntolerance"
        }
      }
    ]
}
```