KEMENTERIAN
KESEHATAN
REPUBLIK
INDONESIA

USE CASE IHS

DIGITAL TRANSFORMATION OFFICE
KEMENTERIAN KESEHATAN
REPUBLIK INDONESIA

KEMENTERIAN
KESEHATAN
REPUBLIK
INDONESIA

USE CASE
RESUME MEDIS RAWAT JALAN

DIGITAL TRANSFORMATION OFFICE
KEMENTERIAN KESEHATAN
REPUBLIK INDONESIA

OUTLINE

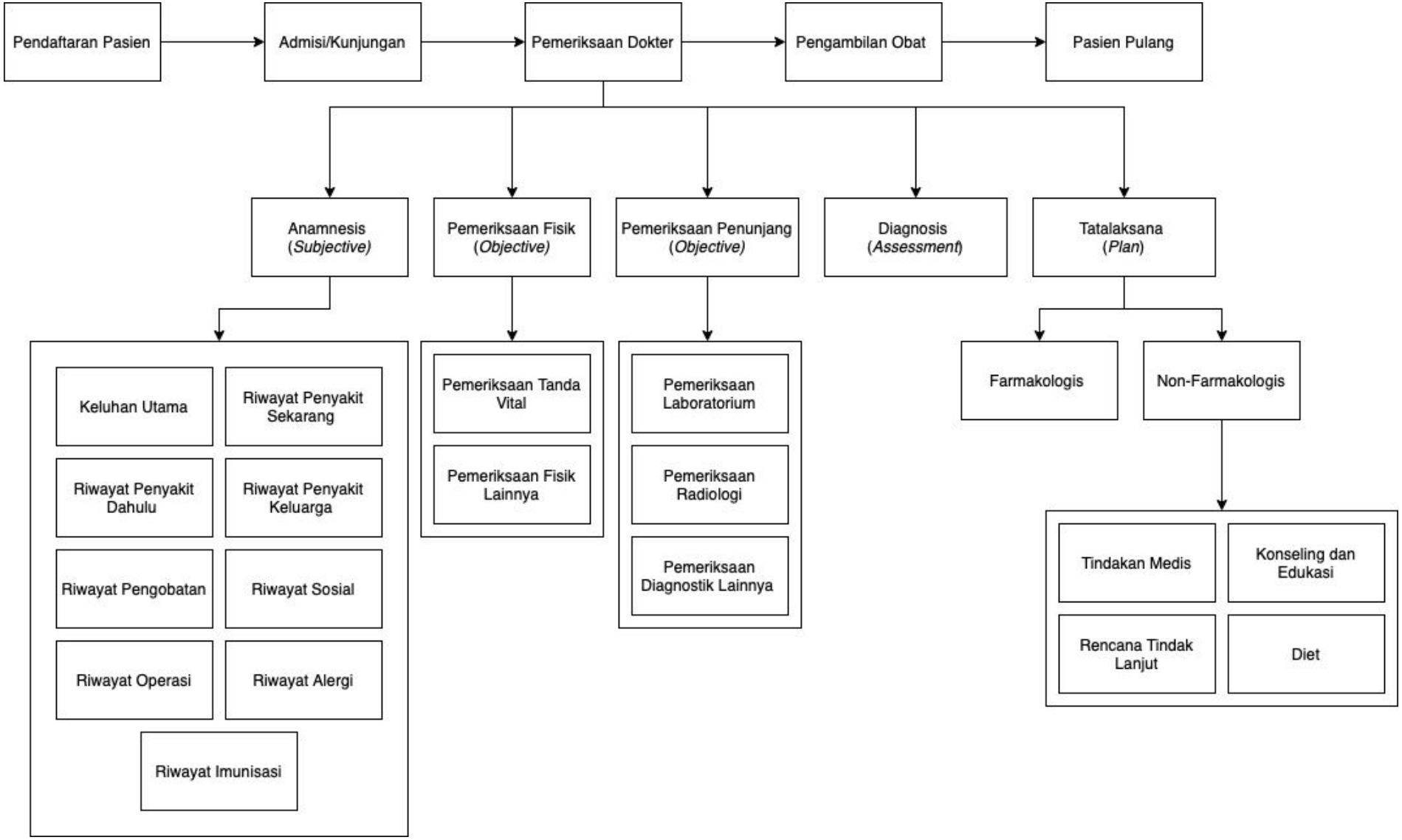
- Variabel RKMK Resume Medis Rawat Jalan
- Use Case Resume Rawat Jalan

VARIABEL RESUME MEDIS RAWAT JALAN

- Variabel berasal dari Rancangan Keputusan Menteri Kesehatan (RKMK) tentang Pedoman Variabel dan Meta Data pada Penyelenggaraan Rekam Medis Elektronik

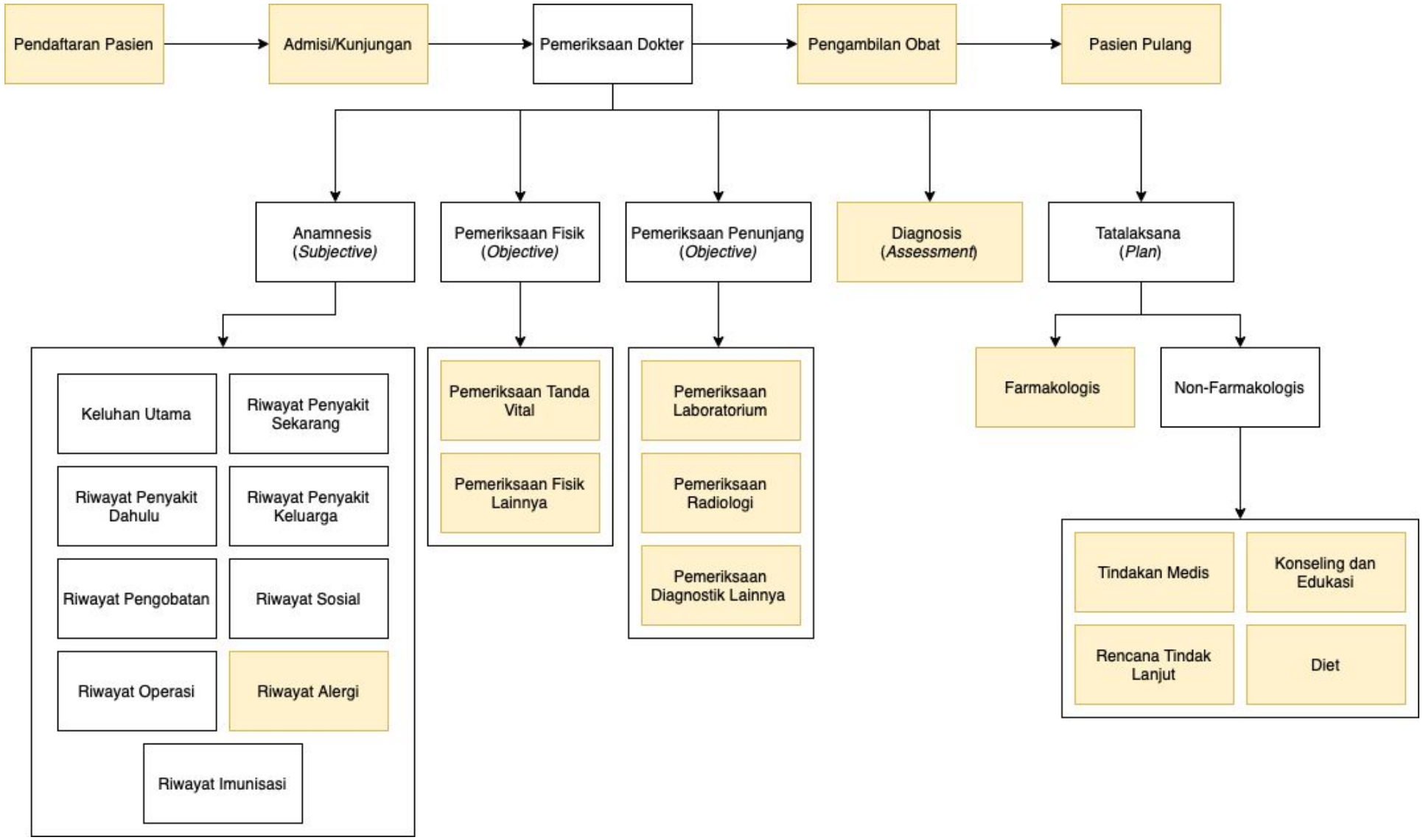
No	Variabel
1	Identitas Umum Pasien
2	Tanggal dan Waktu Masuk
3	Tanggal dan Waktu Discharge Administrasi
4	Tanggal dan Waktu Keluar
5	Diagnosis
6	Pemeriksaan Penunjang
7	Tindakan / Prosedur Medis
8	Obat-obatan / Terapi
9	Diet
10	Alergi
11	Prognosis
12	Kondisi Saat Meninggalkan Rumah Sakit
13	Rencana Tindak Lanjut / Cara Keluar dari Rumah Sakit
14	Obat yang Dibawa Pulang
15	Instruksi untuk Tindak Lanjut
16	Edukasi
17	Sarana Transportasi Untuk Rujuk
18	Pasien / Penanggung Jawab (Nama dan Tanda Tangan)
19	Dokter Penanggung Jawab Pelayanan (Nama dan Tanda Tangan)

ALUR PASIEN DI RAWAT JALAN

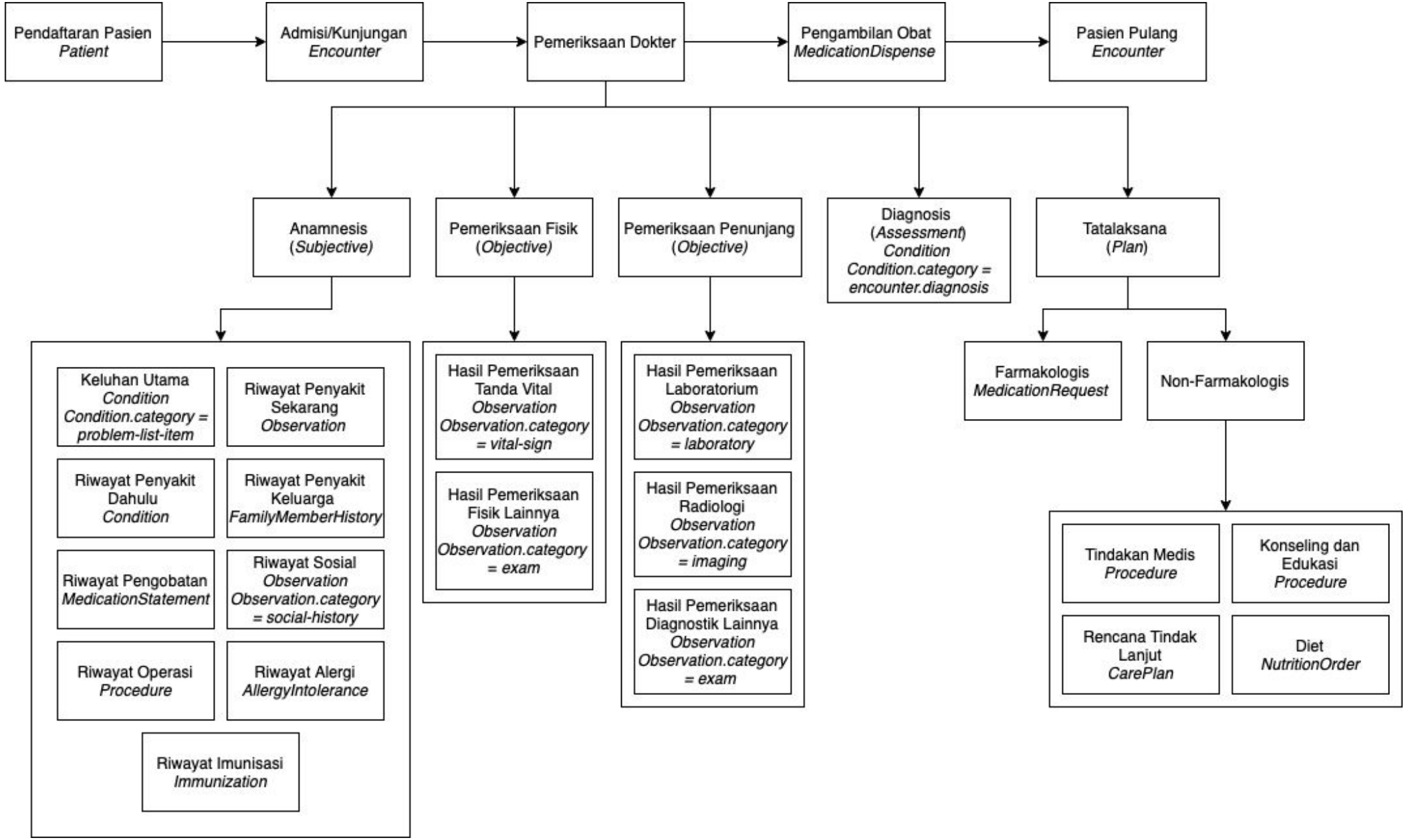


KEMENTERIAN KESEHATAN REPUBLIK INDONESIA

USE CASE RESUME RAWAT JALAN



KEMENTERIAN KESEHATAN REPUBLIK INDONESIA



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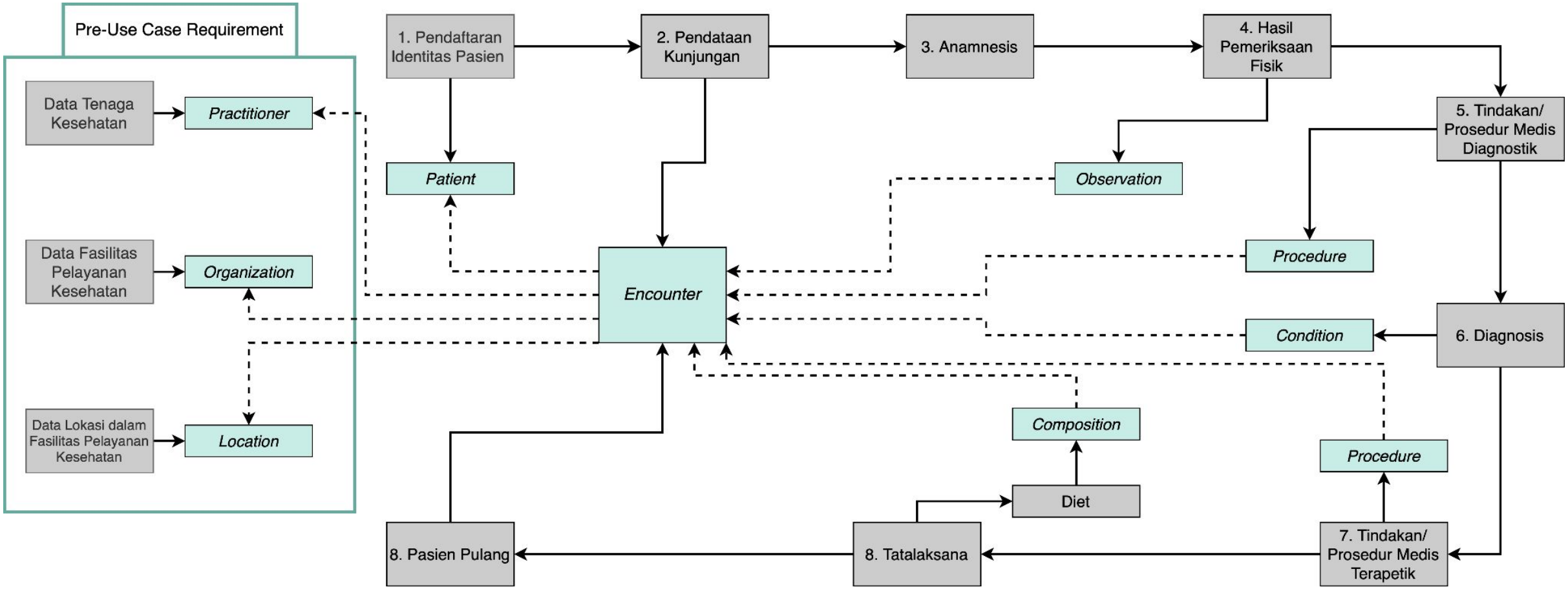
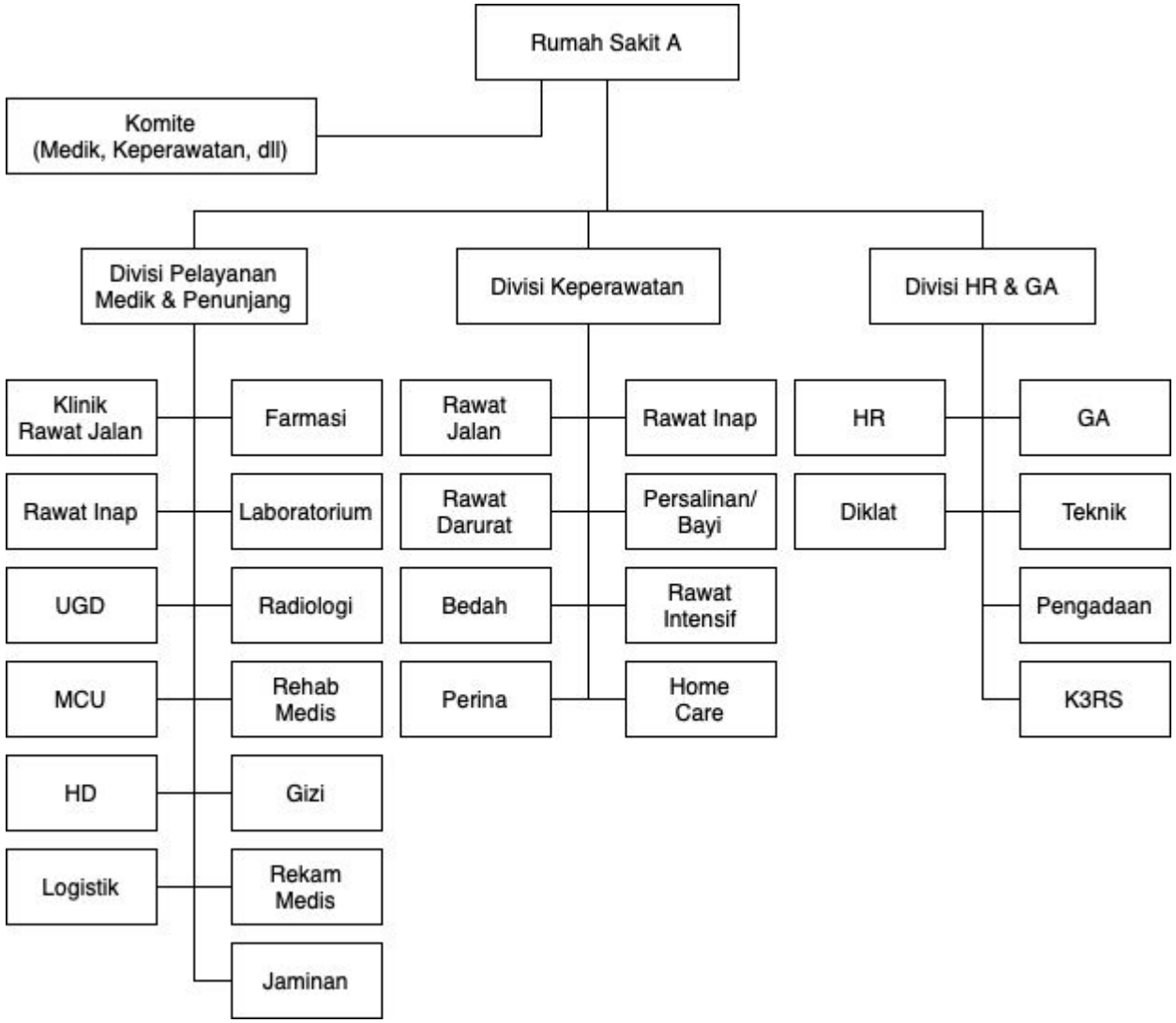
USE CASE RESUME RAWAT JALAN



KEMENTERIAN KESEHATAN REPUBLIK INDONESIA

ORGANIZATION RESOURCE

- Untuk merepresentasikan sekelompok orang atau organisasi dengan tujuan yang sama → Ada struktur pengurus dari organisasi
- Contoh organisasi
  - Institusi
  - Perusahaan
  - Departemen
  - Kelompok masyarakat
  - Kelompok praktik kesehatan
  - Asuransi
  - dll.
- Organization resource dapat digunakan untuk menunjukkan hierarki dari suatu organisasi dengan menggunakan elemen *partOf*



http://hl7.org/fhir/R4/organization.html

ORGANIZATION RESOURCE

Kode Identitas Organisasi

Status Organisasi aktif/tidak

Tipe Organisasi
- Fasyankes
- Departemen dalam fasyankes
- Asuransi
- dll.

Nama Organisasi

Kontak Organisasi secara Umum

Alamat Organisasi secara Umum

Organisasi di mana organisasi ini menjadi bagiannya (hierarki)

Nama, No. kontak, dan alamat organisasi untuk tujuan tertentu (billing, administrasi, HR, dll)

Name	Flags	Card.	Type	Description & Constraints
Organization	I TU		DomainResource	A grouping of people or organizations with a common purpose *+ Rule: The organization SHALL at least have a name or an identifier, and possibly more than one* Elements defined in Ancestors: id, meta, implicitRules, language, text, contained, extension, modifierExtension
identifier	Σ I	0..*	Identifier	Identifies this organization across multiple systems
active	?! Σ	0..1	boolean	Whether the organization's record is still in active use
type	Σ	0..*	CodeableConcept	Kind of organization Organization type (Example)
name	Σ I	0..1	string	Name used for the organization
alias		0..*	string	A list of alternate names that the organization is known as, or was known as in the past
telecom	I	0..*	ContactPoint	A contact detail for the organization *+ Rule: The telecom of an organization can never be of use 'home'*
address	I	0..*	Address	An address for the organization *+ Rule: An address of an organization can never be of use 'home'*
partOf	Σ	0..1	Reference(Organization)	The organization of which this organization forms a part
contact		0..*	BackboneElement	Contact for the organization for a certain purpose
purpose		0..1	CodeableConcept	The type of contact Contact entity type (Extensible)
name		0..1	HumanName	A name associated with the contact
telecom		0..*	ContactPoint	Contact details (telephone, email, etc.) for a contact
address		0..1	Address	Visiting or postal addresses for the contact
endpoint		0..*	Reference(Endpoint)	Technical endpoints providing access to services operated for the organization

http://hl7.org/fhir/R4/organization.html

KEMENTERIAN KESEHATAN REPUBLIK INDONESIA

ORGANIZATION RESOURCE

Name	Flags	Card.	Type	Description & Constraints
Organization	I TU		DomainResource	A grouping of people or organizations with a common purpose
type	Σ	0..*	CodeableConcept	Kind of organization Organization type (Example)

Code	Display	Definition
prov	Healthcare Provider	An organization that provides healthcare services.
dept	Hospital Department	A department or ward within a hospital (Generally is not applicable to top level organizations)
team	Organizational team	An organizational team is usually a grouping of practitioners that perform a specific function within an organization (which could be a top level organization, or a department).
govt	Government	A political body, often used when including organization records for government bodies such as a Federal Government, State or Local Government.
ins	Insurance Company	A company that provides insurance to its subscribers that may include healthcare related policies.
pay	Payer	A company, charity, or governmental organization, which processes claims and/or issues payments to providers on behalf of patients or groups of patients.
edu	Educational Institute	An educational institution that provides education or research facilities.
reli	Religious Institution	An organization that is identified as a part of a religious institution.
crs	Clinical Research Sponsor	An organization that is identified as a Pharmaceutical/Clinical Research Sponsor.
cg	Community Group	An un-incorporated community group.
bus	Non-Healthcare Business or Corporation	An organization that is a registered business or corporation but not identified by other types.
other	Other	Other type of organization not already specified.

- Fasyankes
- Departemen dalam RS
- Departemen dalam Institusi
- Organisasi pemerintah
- Perusahaan Asuransi
- Badan Penjamin
- Institusi Pendidikan/Penelitian
- Organisasi keagamaan
- Kelompok Masyarakat

http://hl7.org/fhir/R4/organization.html

KEMENTERIAN KESEHATAN REPUBLIK INDONESIA

Name	Flags	Card.	Type	Description & Constraints
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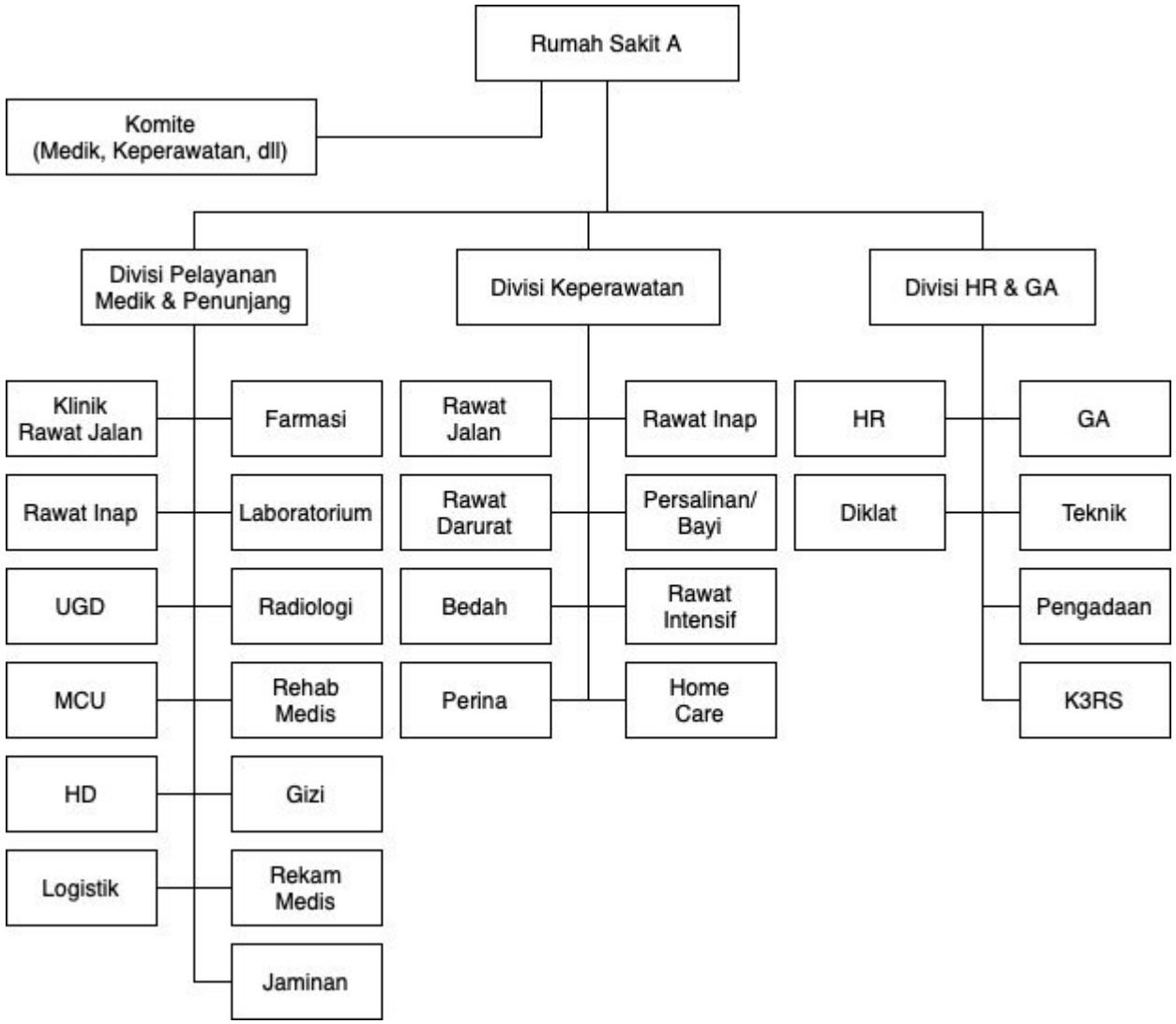
address		0..1	Address	Visiting or postal addresses for the contact
endpoint		0..*	Reference(Endpoint)	Technical endpoints providing access to services operated for the organization


```
{
   "resourceType": "Organization",
   "id": "F10000004",
   "identifier": [
      {
         "system": "https://fhir.kemkes.go.id/id/org-number",
         "value": "F10000004"
      }
   ],
   "name": "Vertical District Hospital",
   "telecom": [
      {
         "system": "phone",
         "value": "+1 555 234 1234",
         "use": "work"
      },
      {
         "system": "email",
         "value": "contact@labs.z.org",
         "use": "work"
      }
   ]
}
```


KEMENTERIAN KESEHATAN REPUBLIK INDONESIA

REGISTER ORGANIZATION RESOURCE

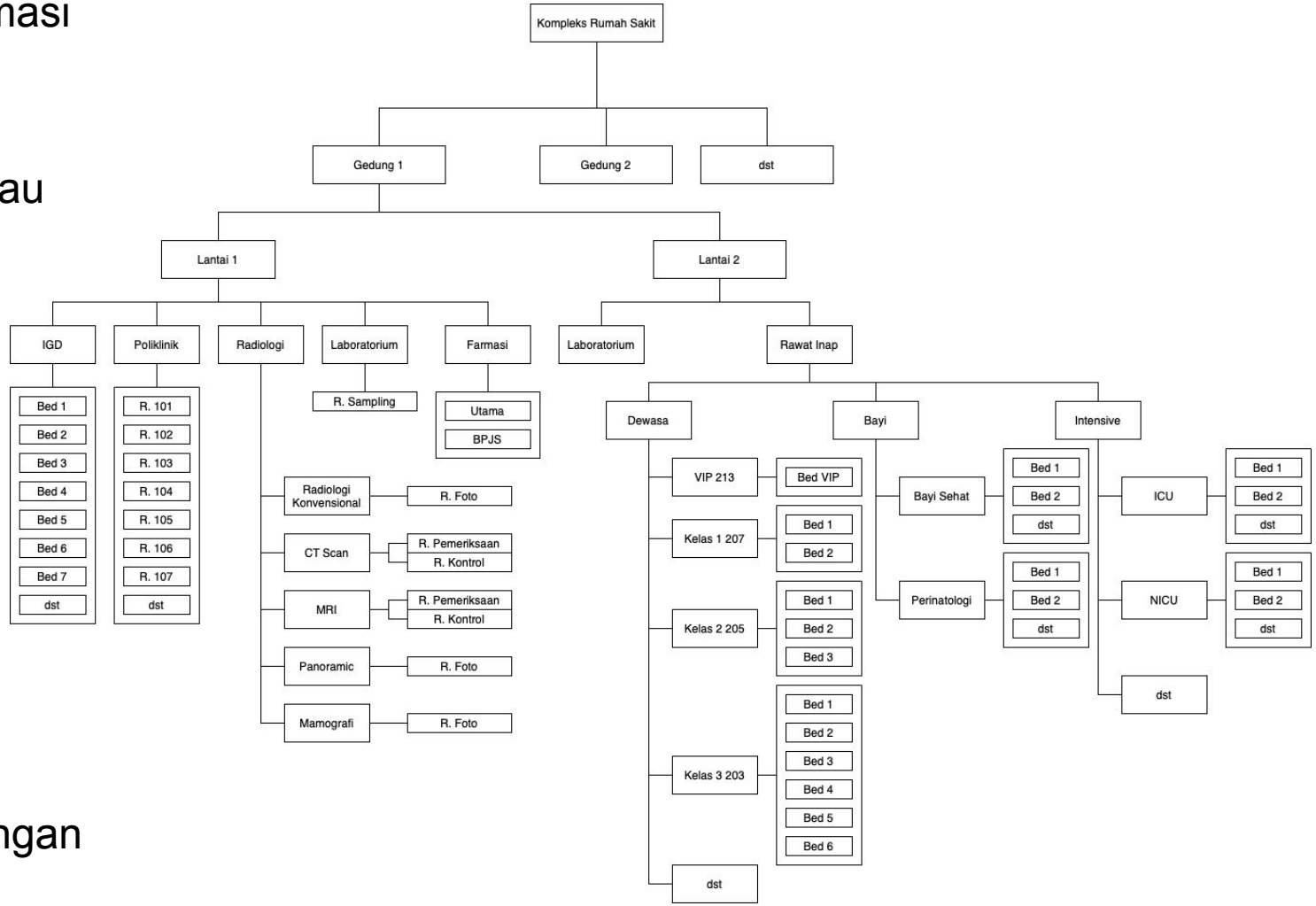
- Setiap RS perlu meregisterkan seluruh organisasi yang ada di Rumah Sakit
- Tujuan
  - mendapatkan *id* yang spesifik untuk masing-masing organisasi di RS.
  - *id* yang didapatkan bisa digunakan sebagai *reference* oleh resource lain
- *identifier* dari Organisasi induk/Rumah Sakit akan didapatkan dari *Master Sarana Index*



http://hl7.org/fhir/R4/organization.html

LOCATION RESOURCE

- Untuk merepresentasikan detail dan informasi posisi suatu tempat **fisik**
- Contoh *Location*
  - Bangunan, bangsal, koridor, kamar atau tempat tidur
  - Lemari es, inkubator
  - Kendaraan atau lift
  - Rumah, gudang, atau garasi
  - Jalan, tempat parkir, taman
  - Ambulans (umum)
  - Ambulans (khusus)
  - Rumah Pasien (umum)\
  - Yurisdiksi
- Location resource dapat digunakan untuk menunjukkan hierarki dari suatu lokasi dengan menggunakan elemen *partOf*

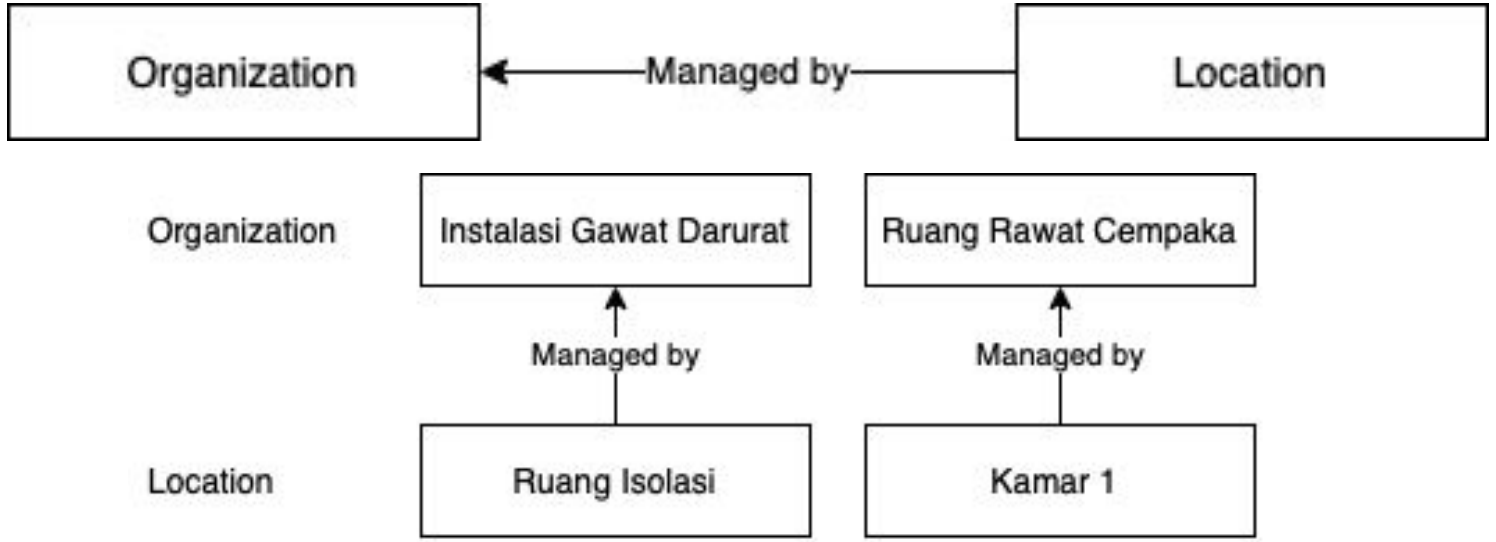


http://hl7.org/fhir/R4/location.html

KEMENTERIAN KESEHATAN REPUBLIK INDONESIA

ORGANIZATION VS LOCATION

ORGANIZATION	LOCATION
• merepresentasikan **sekelompok orang atau organisasi** dengan tujuan yang sama	• Untuk merepresentasikan detail dan informasi posisi suatu tempat **fisik (struktur bangunan/ruangan/lokasi)** yang **dikelola/dioperasikan** oleh ***organization***
• Organization hierarchy = Conceptual Hierarchy	• Location hierarchy = Physical Representation of Hierarchy
	• Resource *Location* selalu digunakan untuk merekam di mana layanan terjadi



http://hl7.org/fhir/R4/organization.html &
http://hl7.org/fhir/R4/location.html

KEMENTERIAN KESEHATAN REPUBLIK INDONESIA

LOCATION RESOURCE

Kode Lokasi

Status Lokasi

Status operasional kamar/bed

Nama Lokasi

Tipe fungsi lokasi

Kontak lokasi

Alamat lokasi

Tipe Fisik Lokasi

Name	Flags	Card.	Type	Description & Constraints
Location	TU		DomainResource	Details and position information for a physical place Elements defined in Ancestors: id, meta, implicitRules, language, text, contained, extension, modifierExtension
identifier	Σ	0..*	Identifier	Unique code or number identifying the location to its users
status	?! Σ	0..1	code	active | suspended | inactive LocationStatus (Required)
operationalStatus	Σ	0..1	Coding	The operational status of the location (typically only for a bed/room) v2 BED STATUS (Preferred)
name	Σ	0..1	string	Name of the location as used by humans
alias		0..*	string	A list of alternate names that the location is known as, or was known as, in the past
description	Σ	0..1	string	Additional details about the location that could be displayed as further information to identify the location beyond its name
mode	Σ	0..1	code	instance | kind LocationMode (Required)
type	Σ	0..*	CodeableConcept	Type of function performed V3 Value SetServiceDeliveryLocationRoleType (Extensible)
telecom		0..*	ContactPoint	Contact details of the location
address		0..1	Address	Physical location
physicalType	Σ	0..1	CodeableConcept	Physical form of the location Location type (Example)

http://hl7.org/fhir/R4/location.html

KEMENTERIAN KESEHATAN REPUBLIK INDONESIA

LOCATION RESOURCE

Lokasi secara geografis

Organisasi pengelola lokasi

Lokasi di mana lokasi ini menjadi bagiannya (hierarki)

Waktu lokasi beroperasi

position	0..1	BackboneElement	The absolute geographic location
longitude	1..1	decimal	Longitude with WGS84 datum
latitude	1..1	decimal	Latitude with WGS84 datum
altitude	0..1	decimal	Altitude with WGS84 datum
managingOrganization Σ	0..1	Reference(Organization)	Organization responsible for provisioning and upkeep
partOf	0..1	Reference(Location)	Another Location this one is physically a part of
hoursOfOperation	0..*	BackboneElement	What days/times during a week is this location usually open
daysOfWeek	0..*	code	mon | tue | wed | thu | fri | sat | sun DaysOfWeek (Required)
allDay	0..1	boolean	The Location is open all day
openingTime	0..1	time	Time that the Location opens
closingTime	0..1	time	Time that the Location closes
availabilityExceptions	0..1	string	Description of availability exceptions
endpoint	0..*	Reference(Endpoint)	Technical endpoints providing access to services operated for the location

http://hl7.org/fhir/R4/location.html

KEMENTERIAN KESEHATAN REPUBLIK INDONESIA

Name	Flags	Card.	Type	Description & Constraints
Location	TU		DomainResource	Details and position information for a physical place Elements defined in Ancestors: id, meta, implicitRules, language, text, contained, extension, modifierExtension
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telecom		0..*	ContactPoint	Contact details of the location
address		0..1	Address	Physical location
physicalType	Σ	0..1	CodeableConcept	Physical form of the location Location type (Example)


```
{
    "resourceType": "Location",
    "identifier": [
        {
            "system":
"http://sys-ids.kemkes.go.id/location/1000001",
            "value": "G-2-R-1A"
        }
    ],
    "status": "active",
    "name": "Ruang 1A IRJT",
    "description": "Ruang 1A, Poliklinik Bedah Rawat Jalan Terpadu,
Lantai 2, Gedung G",
    "mode": "instance",
    "telecom": [
        {
            "system": "phone",
            "value": "2328",
            "use": "work"
        },
        {
            "system": "fax",
            "value": "2329",
            "use": "work"
        },
        {
            "system": "email",
            "value": "second wing admissions"
        },
        {
            "system": "url",
            "value": "http://sampleorg.com/southwing",
            "use": "work"
        }
    ],
```


KEMENTERIAN KESEHATAN REPUBLIK INDONESIA

address		0..1	Address	Physical location
physicalType	Σ	0..1	CodeableConcept	Physical form of the location Location type (Example)


```
"address": {
        "use": "work",
        "line": [
            "Gd. Prof. Dr. Sujudi Lt.5, Jl. H.R. Rasuna Said Blok X5 Kav. 4-9
Kuningan"
        ],
        "city": "Jakarta",
        "postalCode": "12950",
        "country": "ID",
        "extension": [
            {
                "url":
"https://fhir.kemkes.go.id/r4/StructureDefinition/administrativeCode",
                "extension": [
                    {
                        "url": "province",
                        "valueCode": "10"
                    },
                    {
                        "url": "city",
                        "valueCode": "1010"
                    },
                    {
                        "url": "district",
                        "valueCode": "1010101"
                    },
                    {
                        "url": "village",
                        "valueCode": "1010101101"
                    },
```



```
                    {
                        "url": "rt",
                        "valueCode": "1"
                    },
                    {
                        "url": "rw",
                        "valueCode": "2"
                    }
                ]
            }
        ]
    },
    "physicalType": {
        "coding": [
            {
                "system":
"http://terminology.hl7.org/CodeSystem/location-physical-type",
                "code": "ro",
                "display": "Room"
            }
        ]
    },
    "position": {
        "longitude": -6.23115426275766,
        "latitude": 106.83239885393944,
        "altitude": 0
    },
    "managingOrganization": {
        "reference": "Organization/10000004"
```


KEMENTERIAN KESEHATAN REPUBLIK INDONESIA

position	0..1	BackboneElement	The absolute geographic location
longitude	1..1	decimal	Longitude with WGS84 datum
latitude	1..1	decimal	Latitude with WGS84 datum
altitude	0..1	decimal	Altitude with WGS84 datum
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partOf	0..1	Reference(Location)	Another Location this one is physically a part of
hoursOfOperation	0..*	BackboneElement	What days/times during a week is this location usually open
daysOfWeek	0..*	code	mon | tue | wed | thu | fri | sat | sun DaysOfWeek (Required)
allDay	0..1	boolean	The Location is open all day
openingTime	0..1	time	Time that the Location opens
closingTime	0..1	time	Time that the Location closes
availabilityExceptions	0..1	string	Description of availability exceptions
endpoint	0..*	Reference(Endpoint)	Technical endpoints providing access to services operated for the location


```
"address": {
        "use": "work",
        "line": [
            "Gd. Prof. Dr. Sujudi Lt.5, Jl. H.R. Rasuna Said Blok X5 Kav. 4-9 Kuningan"
        ],
        "city": "Jakarta",
        "postalCode": "12950",
        "country": "ID",
        "extension": [
            {
                "url": "https://fhir.kemkes.go.id/r4/StructureDefinition/administrativeCode",
                "extension": [
                    {
                        "url": "province",
                        "valueCode": "10"
                    },
                    {
                        "url": "city",
                        "valueCode": "1010"
                    },
                    {
                        "url": "district",
                        "valueCode": "1010101"
                    },
                    {
                        "url": "village",
                        "valueCode": "1010101101"
                    },
```



```
                    {
                        "url": "rt",
                        "valueCode": "1"
                    },
                    {
                        "url": "rw",
                        "valueCode": "2"
                    }
                ]
            }
        ]
    },
    "physicalType": {
        "coding": [
            {
                "system":
"http://terminology.hl7.org/CodeSystem/location-physical-type",
                "code": "ro",
                "display": "Room"
            }
        ]
    },
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KEMENTERIAN KESEHATAN REPUBLIK INDONESIA

PRACTITIONER RESOURCE

- Seluruh individu yang bertanggung jawab secara formal dalam pelaksanaan proses layanan kesehatan
- Contoh *Practitioner*
  - dokter, dokter gigi, apoteker
  - asisten dokter, perawat, juru tulis
  - bidan, ahli gizi, terapis, paramedis
  - teknisi medis, laboran, teknisi prostetik, radiografer
  - pekerja sosial, penyedia perawatan rumah profesional, sukarelawan resmi
  - resepsionis menangani pendaftaran pasien
  - Personil TI menggabungkan atau memisahkan catatan pasien
  - Hewan penolong (misalnya, anjing yang ditugaskan di bangsal yang mampu mendeteksi kanker pada pasien)

http://hl7.org/fhir/R4/location.html

PRACTITIONER RESOURCE

- Nomor Identitas : NIK, IHS. No, dsb.
- Status keaktifan data *practitioner*
- Nama *practitioner*
- Kontak *practitioner*
- Alamat *practitioner*
- Jenis Kelamin *practitioner*
- Tanggal Lahir *practitioner*
- Sertifikasi/lisensi/Ijazah
- Bahasa komunikasi

Name	Flags	Card.	Type	Description & Constraints
Practitioner	TU		DomainResource	A person with a formal responsibility in the provisioning of healthcare or related services Elements defined in Ancestors: id, meta, implicitRules, language, text, contained, extension, modifierExtension
identifier	Σ	0..*	Identifier	An identifier for the person as this agent
active	Σ	0..1	boolean	Whether this practitioner's record is in active use
name	Σ	0..*	HumanName	The name(s) associated with the practitioner
telecom	Σ	0..*	ContactPoint	A contact detail for the practitioner (that apply to all roles)
address	Σ	0..*	Address	Address(es) of the practitioner that are not role specific (typically home address)
gender	Σ	0..1	code	male | female | other | unknown AdministrativeGender (Required)
birthDate	Σ	0..1	date	The date on which the practitioner was born
photo		0..*	Attachment	Image of the person
qualification		0..*	BackboneElement	Certification, licenses, or training pertaining to the provision of care
identifier		0..*	Identifier	An identifier for this qualification for the practitioner
code		1..1	CodeableConcept	Coded representation of the qualification v2 table 0360, Version 2.7 (Example)
period		0..1	Period	Period during which the qualification is valid
issuer		0..1	Reference(Organization)	Organization that regulates and issues the qualification
communication		0..*	CodeableConcept	A language the practitioner can use in patient communication Common Languages (Preferred but limited to AllLanguages)

http://hl7.org/fhir/R4/location.html

KEMENTERIAN KESEHATAN REPUBLIK INDONESIA

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photo		0..*	Attachment	Image of the person
qualification		0..*	BackboneElement	Certification, licenses, or training pertaining to the provision of care
identifier		0..*	Identifier	An identifier for this qualification for the practitioner
code		1..1	CodeableConcept	Coded representation of the qualification v2 table 0360, Version 2.7 (Example)
period		0..1	Period	Period during which the qualification is valid
issuer		0..1	Reference(Organization)	Organization that regulates and issues the qualification
communication		0..*	CodeableConcept	A language the practitioner can use in patient communication Common Languages (Preferred but limited to AllLanguages)


```
{
    "resourceType": "Practitioner",
    "id": "N10000001",
    "identifier": [
        {
            "use": "official",
            "system": "https://fhir.kemkes.go.id/id/nakes-his-number",
            "value": "N10000001"
        },
        {
            "use": "official",
            "system": "https://fhir.kemkes.go.id/id/nik",
            "value": "367400001111222"
        }
    ],
    "name": [
        {
            "use": "official",
            "text": "Dokter Bronsig"
        }
    ],
    "telecom": [
        {
            "system": "phone",
            "value": "08123456789",
            "use": "mobile"
        },
        {
            "system": "phone",
            "value": "+622123456789",
            "use": "home"
        },
        {
            "system": "email",
            "value": "voigt@xyz.com",
            "use": "home"
        }
    ],
```


KEMENTERIAN KESEHATAN REPUBLIK INDONESIA

Name	Flags	Card.	Type	Description & Constraints
Practitioner	TU		DomainResource	A person with a formal responsibility in the provisioning of healthcare or related services Elements defined in Ancestors: id, meta, implicitRules, language, text, contained, extension, modifierExtension
identifier	Σ	0..*	Identifier	An identifier for the person as this agent
active	Σ	0..1	boolean	Whether this practitioner's record is in active use
name	Σ	0..*	HumanName	The name(s) associated with the practitioner
telecom	Σ	0..*	ContactPoint	A contact detail for the practitioner (that apply to all roles)
address	Σ	0..*	Address	Address(es) of the practitioner that are not role specific (typically home address)
gender	Σ	0..1	code	male | female | other | unknown AdministrativeGender (Required)
birthDate	Σ	0..1	date	The date on which the practitioner was born
photo		0..*	Attachment	Image of the person
qualification		0..*	BackboneElement	Certification, licenses, or training pertaining to the provision of care
identifier		0..*	Identifier	An identifier for this qualification for the practitioner
code		1..1	CodeableConcept	Coded representation of the qualification v2 table 0360, Version 2.7 (Example)
period		0..1	Period	Period during which the qualification is valid
issuer		0..1	Reference(Organization)	Organization that regulates and issues the qualification
communication		0..*	CodeableConcept	A language the practitioner can use in patient communication Common Languages (Preferred but limited to AllLanguages)


```
    "gender": "male",
    "birthDate": "1945-11-17",
    "address": [
        {
            "use": "home",
            "line": [
                "Gd. Prof. Dr. Sujudi Lt.5, Jl. H.R. Rasuna Said Blok X5 Kav. 4-9 Kuningan"
            ],
            "city": "Jakarta",
            "postalCode": "12950",
            "country": "ID",
            "extension": [
                {
                    "url":
"https://fhir.kemkes.go.id/r4/StructureDefinition/administrativeCode",
                    "extension": [
                        {
                            "url": "province",
                            "valueCode": "10"
                        },
                        {
                            "url": "city",
                            "valueCode": "1010"
                        },
                        {
                            "url": "district",
                            "valueCode": "1010101"
                        },
                        {
                            "url": "village",
                            "valueCode": "1010101101"
                        },
                        {
                            "url": "rt",
                            "valueCode": "1"
                        },
                        {
                            "url": "rw",
                            "valueCode": "2"
                        }
                    ]
                }
            ]
        }
    ],
```


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Name	Flags	Card.	Type	Description & Constraints
Practitioner	TU		DomainResource	A person with a formal responsibility in the provisioning of healthcare or related services Elements defined in Ancestors: id, meta, implicitRules, language, text, contained, extension, modifierExtension
identifier	Σ	0..*	Identifier	An identifier for the person as this agent
active	Σ	0..1	boolean	Whether this practitioner's record is in active use
name	Σ	0..*	HumanName	The name(s) associated with the practitioner
telecom	Σ	0..*	ContactPoint	A contact detail for the practitioner (that apply to all roles)
address	Σ	0..*	Address	Address(es) of the practitioner that are not role specific (typically home address)
gender	Σ	0..1	code	male | female | other | unknown AdministrativeGender (Required)
birthDate	Σ	0..1	date	The date on which the practitioner was born
photo		0..*	Attachment	Image of the person
qualification		0..*	BackboneElement	Certification, licenses, or training pertaining to the provision of care
identifier		0..*	Identifier	An identifier for this qualification for the practitioner
code		1..1	CodeableConcept	Coded representation of the qualification v2 table 0360, Version 2.7 (Example)
period		0..1	Period	Period during which the qualification is valid
issuer		0..1	Reference(Organization)	Organization that regulates and issues the qualification
communication		0..*	CodeableConcept	A language the practitioner can use in patient communication Common Languages (Preferred but limited to AllLanguages)


```
"qualification": [
        {
            "identifier": [
                {
                    "use": "official",
                    "system": "https://fhir.kemkes.go.id/id/str-kki-number",
                    "value": "2938/28377/STR/00001"
                }
            ],
            "period": {
                "start": "1995-01-01",
                "end": "2023-01-01"
            },
            "code": {
                "coding": [
                    {
                        "system": "https://terminology.kemkes.go.id/v1-0302",
                        "code": "STR-KKI",
                        "display": "Surat Tanda Registrasi Dokter"
                    }
                ]
            },
            "issuer": {
                "reference": "Organization/10000003",
                "display": "Konsil Kedokteran Indonesia"
            }
        },
        {
            "identifier": [
                {
                    "system": "http://example-university.ac.id/certificate-number",
                    "value": "12345"
                }
            ],
            "code": {
                "coding": [
                    {
                        "system": "http://terminology.hl7.org/CodeSystem/v2-0360",
                        "code": "BS",
                        "display": "Bachelor of Science"
                    }
                ],
                "text": "Bachelor of Science"
            },
            "period": {
                "start": "1995"
            },
            "issuer": {
                "reference": "Organization/10000002",
                "display": "Universitas Example"
            }
        }
    ]
}
```


KEMENTERIAN KESEHATAN REPUBLIK INDONESIA

1. Identitas Pasien

1	Identitas Umum Pasien	
		IHS Number
	b	Nomor Rekam Medis
	c	Nomor Induk Kependudukan (NIK)
	d	Nomor Identitas Lain (Khusus WNA) : Nomor Paspor / KITAS
	a	Nama Lengkap
	g	Jenis Kelamin
	f	Tanggal Lahir

Name	Flags	Card.	Type	Description & Constraints
Patient	N		DomainResource	Information about an individual or animal receiving health care services Elements defined in Ancestors: id, meta, implicitRules, language, text, contained, extension, modifierExtension
identifier	Σ	0..*	Identifier	An identifier for this patient
active	?! Σ	0..1	boolean	Whether this patient's record is in active use
name	Σ	0..*	HumanName	A name associated with the patient
telecom	Σ	0..*	ContactPoint	A contact detail for the individual
gender	Σ	0..1	code	male | female | other | unknown AdministrativeGender (Required)
birthDate	Σ	0..1	date	The date of birth for the individual
deceased[x]	?! Σ	0..1		Indicates if the individual is deceased or not
deceasedBoolean			boolean	
deceasedDateTime			dateTime	
address	Σ	0..*	Address	An address for the individual
maritalStatus		0..1	CodeableConcept	Marital (civil) status of a patient MaritalStatus (Extensible)

KEMENTERIAN KESEHATAN REPUBLIK INDONESIA

1. Identitas Pasien

1	Identitas Umum Pasien	
	j	Nama Penjamin
	k	Nomor Telepon Penjamin
	e	Tempat Lahir

contact	I	0..*	BackboneElement	A contact party (e.g. guardian, partner, friend) for the patient *+ Rule: SHALL at least contain a contact's details or a reference to an organization*
relationship		0..*	CodeableConcept	The kind of relationship Patient Contact Relationship (Extensible)
name		0..1	HumanName	A name associated with the contact person
telecom		0..*	ContactPoint	A contact detail for the person
address		0..1	Address	Address for the contact person
gender		0..1	code	male | female | other | unknown AdministrativeGender (Required)
organization	I	0..1	Reference(Organization)	Organization that is associated with the contact
period		0..1	Period	The period during which this contact person or organization is valid to be contacted relating to this patient

Patient	I		Patient
extension	*I*	*0..**	*Extension*
birthPlace	I	0..1	Extension(Address)
citizenship	I	0..1	Extension(Complex)
religion	I	0..1	Extension(CodeableConcept)
citizenshipStatus	I	0..1	Extension(code)
mothersMaidenName	I	0..1	Extension(string)

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```
{
  "resourceType": "Patient",
  "id": "P00030004",
  "meta": {
    "profile": [
      "https://fhir.kemkes.go.id/r4/StructureDefinition/Patient"
    ]
  },
  "identifier": [
    {
      "use": "official",
      "system": "https://fhir.kemkes.go.id/id/ihs-number",
      "value": "P00030004"
    },
    {
      "use": "official",
      "system": "https://fhir.kemkes.go.id/id/nik",
      "value": "367400001111223"
    },
    {
      "use": "official",
      "system": "https://fhir.kemkes.go.id/id/nik-ibu",
      "value": "367400001111389"
    },
    {
      "use": "official",
      "system": "https://fhir.kemkes.go.id/id/paspor",
      "value": "A01111223"
    },
    {
      "use": "official",
      "system": "https://fhir.kemkes.go.id/id/kk",
      "value": "367400001111112"
    }
  ],
```


Name	Flags	Card.	Type	Description & Constraints
Patient	N		DomainResource	Information about an individual or animal receiving health care services Elements defined in Ancestors: id, meta, implicitRules, language, text, contained, extension, modifierExtension
identifier	Σ	0..*	Identifier	An identifier for this patient
active	?! Σ	0..1	boolean	Whether this patient's record is in active use
name	Σ	0..*	HumanName	A name associated with the patient
telecom	Σ	0..*	ContactPoint	A contact detail for the individual
gender	Σ	0..1	code	male | female | other | unknown AdministrativeGender (Required)
birthDate	Σ	0..1	date	The date of birth for the individual
deceased[x]	?! Σ	0..1		Indicates if the individual is deceased or not
deceasedBoolean			boolean	
deceasedDateTime			dateTime	
address	Σ	0..*	Address	An address for the individual
maritalStatus		0..1	CodeableConcept	Marital (civil) status of a patient MaritalStatus (Extensible)

KEMENTERIAN KESEHATAN REPUBLIK INDONESIA

```
"active": true,
"name": [
  {
    "use": "official",
    "text": "Roel"
  }
],
"telecom": [
  {
    "system": "phone",
    "value": "08123456789",
    "use": "mobile"
  },
  {
    "system": "phone",
    "value": "+622123456789",
    "use": "home"
  },
  {
    "system": "email",
    "value": "john.smith@xyz.com",
    "use": "home"
  }
],
"gender": "male",
"birthDate": "1945-11-17",
"deceasedBoolean": false,
```


Name	Flags	Card.	Type	Description & Constraints
Patient	N		DomainResource	Information about an individual or animal receiving health care services Elements defined in Ancestors: id, meta, implicitRules, language, text, contained, extension, modifierExtension
identifier	Σ	0..*	Identifier	An identifier for this patient
active	?! Σ	0..1	boolean	Whether this patient's record is in active use
name	Σ	0..*	HumanName	A name associated with the patient
telecom	Σ	0..*	ContactPoint	A contact detail for the individual
gender	Σ	0..1	code	male | female | other | unknown AdministrativeGender (Required)
birthDate	Σ	0..1	date	The date of birth for the individual
deceased[x]	?! Σ	0..1		Indicates if the individual is deceased or not
deceasedBoolean			boolean	
deceasedDateTime			dateTime	
address	Σ	0..*	Address	An address for the individual
maritalStatus		0..1	CodeableConcept	Marital (civil) status of a patient MaritalStatus (Extensible)

KEMENTERIAN KESEHATAN REPUBLIK INDONESIA

```
"address": [
      {
         "use": "home",
         "line": [
            "Gd. Prof. Dr. Sujudi Lt.5, Jl. H.R. Rasuna Said Blok X5 Kav. 4-9 Kuningan"
         ],
         "city": "Jakarta",
         "postalCode": "12950",
         "country": "ID",
         "extension": [
            {
               "url":
"https://fhir.kemkes.go.id/r4/StructureDefinition/administrativeCode",
               "extension": [
                  {
                     "url": "province",
                     "valueCode": "10"
                  },
                  {
                     "url": "city",
                     "valueCode": "1010"
                  },
                  {
                     "url": "district",
                     "valueCode": "1010101"
                  },
                  {
                     "url": "village",
                     "valueCode": "1010101101"
                  },
                  {
                     "url": "rt",
                     "valueCode": "1"
                  },
                  {
                     "url": "rw",
                     "valueCode": "2"
                  }
               ]
            }
         ]
      }
   ],
```


Name	Flags	Card.	Type	Description & Constraints
Patient	N		DomainResource	Information about an individual or animal receiving health care services Elements defined in Ancestors: id, meta, implicitRules, language, text, contained, extension, modifierExtension
identifier	Σ	0..*	Identifier	An identifier for this patient
active	?! Σ	0..1	boolean	Whether this patient's record is in active use
name	Σ	0..*	HumanName	A name associated with the patient
telecom	Σ	0..*	ContactPoint	A contact detail for the individual
gender	Σ	0..1	code	male | female | other | unknown AdministrativeGender (Required)
birthDate	Σ	0..1	date	The date of birth for the individual
deceased[x]	?! Σ	0..1		Indicates if the individual is deceased or not
deceasedBoolean			boolean	
deceasedDateTime			dateTime	
address	Σ	0..*	Address	An address for the individual
maritalStatus		0..1	CodeableConcept	Marital (civil) status of a patient MaritalStatus (Extensible)

KEMENTERIAN KESEHATAN REPUBLIK INDONESIA

```
"maritalStatus": {
   "coding": [
      {
         "system": "http://terminology.hl7.org/CodeSystem/v3-MaritalStatus",
         "code": "M",
         "display": "Married"
      }
   ],
   "text": "Married"
},
"multipleBirthBoolean": false,
"contact": [
   {
      "relationship": [
         {
            "coding": [
               {
                  "system": "http://terminology.hl7.org/CodeSystem/v2-0131",
                  "code": "C"
               }
            ]
         }
      ],
      "name": {
         "use": "official",
         "text": "Jane Smith"
      },
      "telecom": [
         {
            "system": "phone",
            "value": "0690383372",
            "use": "mobile"
         }
      ]
   }
],
```


multipleBirth[x]		0..1		Whether patient is part of a multiple birth
multipleBirthBoolean			boolean	
multipleBirthInteger			integer	
photo		0..*	Attachment	Image of the patient
contact	I	0..*	BackboneElement	A contact party (e.g. guardian, partner, friend) for the patient *+ Rule: SHALL at least contain a contact's details or a reference to an organization*
relationship		0..*	CodeableConcept	The kind of relationship Patient Contact Relationship (Extensible)
name		0..1	HumanName	A name associated with the contact person
telecom		0..*	ContactPoint	A contact detail for the person
address		0..1	Address	Address for the contact person
gender		0..1	code	male | female | other | unknown AdministrativeGender (Required)
organization	I	0..1	Reference(Organization)	Organization that is associated with the contact
period		0..1	Period	The period during which this contact person or organization is valid to be contacted relating to this patient

```
"communication": [
      {
         "language": {
            "coding": [
               {
                  "system": "urn:ietf:bcp:47",
                  "code": "id-ID",
                  "display": "Indonesian"
               }
            ],
            "text": "Indonesian"
         },
         "preferred": true
      }
   ],
   "extension": [
      {
         "url":
"https://fhir.kemkes.go.id/r4/StructureDefinition/birthPlace",
         "valueAddress": {
            "city": "Bandung",
            "country": "ID"
         }
      },
      {
         "url":
"https://fhir.kemkes.go.id/r4/StructureDefinition/citizenshipStatus"
,
         "valueCode": "I"
      }
   ]
}
```

communication	0..*	BackboneElement	A language which may be used to communicate with the patient about his or her health
language	1..1	CodeableConcept	The language which can be used to communicate with the patient about his or her health Common Languages (Preferred but limited to AllLanguages)
preferred	0..1	boolean	Language preference indicator

Patient	I		Patient
extension	*I*	*0..**	*Extension*
birthPlace	I	0..1	Extension(Address)
citizenship	I	0..1	Extension(Complex)
religion	I	0..1	Extension(CodeableConcept)
citizenshipStatus	I	0..1	Extension(code)
mothersMaidenName	I	0..1	Extension(string)

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Mapping Resource FHIR & Terminologi

	Variabel		Resource FHIR	Path FHIR	Format/Value	Terminology Bindings		
						Code	Display	Code System
1	Identitas Umum Pasien							
	a	Nama Lengkap	Patient	Patient.name.text		Tidak ada	Tidak ada	Tidak ada
		IHS Number	Patient	Patient.identifier.use		official		
				Patient.identifier.system				https://fhir.kemkes.go.id/id/ihs-number
				Patient.identifier.value		Tidak ada	Tidak ada	Tidak ada
	b	Nomor Rekam Medis	Patient	Patient.identifier.use		official		
				Patient.identifier.system				http://sys-ids.kemkes.go.id/mrn/{{organization-ihs-number}}
				Patient.identifier.value		Tidak ada	Tidak ada	Tidak ada
	c	Nomor Induk Kependudukan (NIK)	Patient	Patient.identifier.use		official		
				Patient.identifier.system				https://fhir.kemkes.go.id/id/nik
				Patient.identifier.value		Tidak ada	Tidak ada	Tidak ada

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Mapping Resource FHIR & Terminologi

	Variabel		Resource FHIR	Path FHIR	Format/Value	Terminology Bindings		
						Code	Display	Code System
1	Identitas Umum Pasien							
	d	Nomor Identitas Lain (Khusus WNA) : Nomor Paspor / KITAS	Patient	Patient.identifier.use		official		
				Patient.identifier.system				https://fhir.kemkes.go.id/id/paspor
				Patient.identifier.value		Tidak ada	Tidak ada	Tidak ada
	e	Tempat Lahir	Patient	Patient.extension:birthPlace		Tidak ada	Tidak ada	Tidak ada
	f	Tanggal Lahir	Patient	Patient.birthDate		Tidak ada	Tidak ada	Tidak ada
	g	Jenis Kelamin	Patient	Patient.gender	0. Tidak diketahui	unknown	Unknown	http://hl7.org/fhir/R4/codesystem-administrative-gender.html
					1. Laki-laki;	male	Male	
					2. Perempuan;	female	Female	
					3. Tidak dapat ditentukan	other	Other	
					4. Tidak mengisi	Tidak ada	Tidak ada	

KEMENTERIAN KESEHATAN REPUBLIK INDONESIA

Mapping Resource FHIR & Terminologi

	Variabel		Resource FHIR	Path FHIR	Format/Value	Terminology Bindings		
						Code	Display	Code System
1	Identitas Umum Pasien							
	j	Nama Penjamin	Patient	Patient.contact.name.text		Tidak ada	Tidak ada	Tidak ada
	k	Nomor Telepon Penjamin	Patient	Patient.contact.telecom.system		FHIR Code	FHIR Display	http://hl7.org/fhir/contact-point-system
				Patient.contact.telecom.value		Tidak ada	Tidak ada	Tidak ada
				Patient.contact.telecom.use		FHIR Code	FHIR Display	http://hl7.org/fhir/contact-point-use

2. Pendataan Kunjungan

Menunjukkan status kunjungan sedang berlangsung (*in-progress*) atau sudah selesai (*finished*)

Kunjungan IGD/Rawat Inap/Rawat Jalan

Pasien yang melakukan kunjungan

	Variabel RKMK	
1	Kunjungan	
	a	Ruangan / Kelas / Poli
	b	Nama Dokter Penanggung Jawab Pelayanan (DPJP)
2	Tanggal dan Waktu Masuk	
	a	Tanggal Masuk
	b	Jam masuk

Name	Flags	Card.	Type	Description & Constraints
Encounter	TU		DomainResource	An interaction during which services are provided to the patient Elements defined in Ancestors: id, meta, implicitRules, language, text, contained, extension, modifierExtension
identifier	Σ	0..*	Identifier	Identifier(s) by which this encounter is known
status	?! Σ	1..1	code	planned | arrived | triaged | in-progress | onleave | finished | cancelled + EncounterStatus (Required)
statusHistory		0..*	BackboneElement	List of past encounter statuses
status		1..1	code	planned | arrived | triaged | in-progress | onleave | finished | cancelled + EncounterStatus (Required)
period		1..1	Period	The time that the episode was in the specified status
class	Σ	1..1	Coding	Classification of patient encounter V3 Value SetActEncounterCode (Extensible)
classHistory		0..*	BackboneElement	List of past encounter classes
class		1..1	Coding	inpatient | outpatient | ambulatory | emergency + V3 Value SetActEncounterCode (Extensible)
period		1..1	Period	The time that the episode was in the specified class
type	Σ	0..*	CodeableConcept	Specific type of encounter Encounter type (Example)
serviceType	Σ	0..1	CodeableConcept	Specific type of service Service type (Example)
priority		0..1	CodeableConcept	Indicates the urgency of the encounter v3 Code System ActPriority (Example)
subject	Σ	0..1	Reference(Patient | Group)	The patient or group present at the encounter
episodeOfCare	Σ	0..*	Reference(EpisodeOfCare)	Episode(s) of care that this encounter should be recorded against
basedOn		0..*	Reference(ServiceRequest)	The ServiceRequest that initiated this encounter
participant	Σ	0..*	BackboneElement	List of participants involved in the encounter
type	Σ	0..*	CodeableConcept	Role of participant in encounter Participant type (Extensible)
period		0..1	Period	Period of time during the encounter that the participant participated
individual	Σ	0..1	Reference(Practitioner | PractitionerRole | RelatedPerson)	Persons involved in the encounter other than the patient
appointment	Σ	0..*	Reference(Appointment)	The appointment that scheduled this encounter
period		0..1	Period	The start and end time of the encounter

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```
{
  "resourceType": "Encounter",
  "identifier": [
    {
      "system": "http://sys-ids.kemkes.go.id/encounter/10000004",
      "use": "official",
      "value": "R001"
    }
  ],
  "status": "in-progress",
  "class": {
    "system": "http://terminology.hl7.org/CodeSystem/v3-ActCode",
    "code": "AMB",
    "display": "ambulatory"
  },
 "subject": {
    "reference": "Patient/P00-030-004",
    "display": "Roel"
  },
  "participant": [
    {
      "type": "ATND",
      "individual": {
        "reference": "Practitioner/N10000001"
      }
    }
  ],
  "period": {
    "start": "2015-01-17T16:00:00+07:00"
  },
  "diagnosis": [
      {
       "condition": {
         "reference": "Condition/08da49fb-3a6e-4bde-a725-fe558828b459",
         "display": "Malignant neoplasm in head & neck area"
       },
       "use": {
         "coding": [
           {
             "system": "http://terminology.hl7.org/CodeSystem/diagnosis-role",
             "code": "DD",
             "display": "Discharge diagnosis"
           }
         ]
       },
       "rank": 1
     },
      ],
  "location": [
    {
      "location": {
        "reference": "Location/e411466c-1d58-4d1b-a999-01049e5415fd",
        "display": "Ruang 1A, IRJT"
      }
    }
  ],
 "serviceProvider": {
    "reference": "Organization/10000004"
  }
}
```


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2. Pendataan Kunjungan

Diagnosis

length		0..1	Duration	Quantity of time the encounter lasted (less time absent)
reasonCode	Σ	0..*	CodeableConcept	Coded reason the encounter takes place Encounter Reason Codes (Preferred)
reasonReference	Σ	0..*	Reference(Condition | Procedure | Observation | ImmunizationRecommendation)	Reason the encounter takes place (reference)
diagnosis	Σ	0..*	BackboneElement	The list of diagnosis relevant to this encounter
condition	Σ	1..1	Reference(Condition | Procedure)	The diagnosis or procedure relevant to the encounter
use		0..1	CodeableConcept	Role that this diagnosis has within the encounter (e.g. admission, billing, discharge …) DiagnosisRole (Preferred)
rank		0..1	positiveInt	Ranking of the diagnosis (for each role type)
account		0..*	Reference(Account)	The set of accounts that may be used for billing for this Encounter
hospitalization		0..1	BackboneElement	Details about the admission to a healthcare service
preAdmissionIdentifier		0..1	Identifier	Pre-admission identifier
origin		0..1	Reference(Location | Organization)	The location/organization from which the patient came before admission
admitSource		0..1	CodeableConcept	From where patient was admitted (physician referral, transfer) Admit source (Preferred)
reAdmission		0..1	CodeableConcept	The type of hospital re-admission that has occurred (if any). If the value is absent, then this is n identified as a readmission v2 RE-ADMISSION INDICATOR (Example)
dietPreference		0..*	CodeableConcept	Diet preferences reported by the patient Diet (Example)
specialCourtesy		0..*	CodeableConcept	Special courtesies (VIP, board member) Special courtesy (Preferred)
specialArrangement		0..*	CodeableConcept	Wheelchair, translator, stretcher, etc. Special arrangements (Preferred)
destination		0..1	Reference(Location | Organization)	Location/organization to which the patient is discharged
dischargeDisposition		0..1	CodeableConcept	Category or kind of location after discharge Discharge disposition (Example)
location		0..*	BackboneElement	List of locations where the patient has been
location		1..1	Reference(Location)	Location the encounter takes place
status		0..1	code	planned | active | reserved | completed EncounterLocationStatus (Required)
physicalType		0..1	CodeableConcept	The physical type of the location (usually the level in the location hierachy - bed room ward etc. Location type (Example)
period		0..1	Period	Time period during which the patient was present at the location
serviceProvider		0..1	Reference(Organization)	The organization (facility) responsible for this encounter
partOf		0..1	Reference(Encounter)	Another Encounter this encounter is part of

		Variabel RKMK
1	Kunjungan	
	a	Ruangan / Kelas / Poli
	b	Nama Dokter Penanggung Jawab Pelayanan (DPJP)
2	Tanggal dan Waktu Masuk	
	a	Tanggal Masuk
	b	Jam masuk

```
{
    "resourceType": "Encounter",
    "id": "2823ed1d-3e3e-434e-9a5b-9c579d192787",
    "identifier": [
        {
            "system": "http://sys-ids.kemkes.go.id/encounter/10000004",
            "value": "P20240001"
        }
    ],
    "status": "finished",
    "class": {
        "system": "http://terminology.hl7.org/CodeSystem/v3-ActCode",
        "code": "AMB",
        "display": "ambulatory"
    },
    "subject": {
        "reference": "Patient/100000030009",
        "display": "Budi Santoso"
    },
    "participant": [
        {
            "type": [
                {
                    "coding": [
                        {
                            "system": "http://terminology.hl7.org/CodeSystem/v3-ParticipationType",
                            "code": "ATND",
                            "display": "attender"
                        }
                    ]
                }
            ],
            "individual": {
                "reference": "Practitioner/N10000001",
                "display": "Dokter Bronsig"
            }
        }
    ],
    "period": {
        "start": "2022-06-14T07:00:00+07:00",
        "end": "2022-06-14T09:00:00+07:00"
    },
    "location": [
        {
            "location": {
                "reference": "Location/ef011065-38c9-46f8-9c35-d1fe68966a3e",
                "display": "Ruang 1A, Poliklinik Rawat Jalan"
            }
```



```
    "diagnosis": [
        {
            "condition": {
                "reference": "Condition/f2bc12fe-0ab2-4e5c-a3cd-32c66150cbe9",
                "display": "Tuberculosis of lung, confirmed by sputum microscopy with or without culture"
            },
            "use": {
                "coding": [
                    {
                        "system": "http://terminology.hl7.org/CodeSystem/diagnosis-role",
                        "code": "DD",
                        "display": "Discharge diagnosis"
                    }
                ]
            },
            "rank": 1
        },
        {
            "condition": {
                "reference": "Condition/ba0dd351-c30a-4659-994e-0013797b545b",
                "display": "Non-insulin-dependent diabetes mellitus without complications"
            },
            "use": {
                "coding": [
                    {
                        "system": "http://terminology.hl7.org/CodeSystem/diagnosis-role",
                        "code": "DD",
                        "display": "Discharge diagnosis"
                    }
                ]
            },
            "rank": 2
        }
    ],
```


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```
    "statusHistory": [
        {
            "status": "arrived",
            "period": {
                "start": "2022-06-14T07:00:00+07:00",
                "end": "2022-06-14T08:00:00+07:00"
            }
        },
        {
            "status": "in-progress",
            "period": {
                "start": "2022-06-14T08:00:00+07:00",
                "end": "2022-06-14T09:00:00+07:00"
            }
        },
        {
            "status": "finished",
            "period": {
                "start": "2022-06-14T09:00:00+07:00",
                "end": "2022-06-14T09:00:00+07:00"
            }
        }
    ],
    "serviceProvider": {
        "reference": "Organization/10000004"
    }
```

2. Pendataan Kunjungan

	Variabel		Resource FHIR	Path FHIR	Format/Value	Terminology Bindings		
						Code	Display	Code System
1	Kunjungan							
	a	Ruangan / Kelas / Poli	Encounter	Encounter.location		Tidak ada	Tidak ada	Tidak ada
	b	Nama Dokter Penanggung Jawab Pelayanan (DPJP)	Encounter	Encounter.participant		Tidak ada	Tidak ada	Tidak ada
2	Tanggal dan Waktu Masuk							
	a	Tanggal Masuk	Encounter	Encounter.period.start		Tidak ada	Tidak ada	Tidak ada
	b	Jam masuk	Encounter	Encounter.period.start		Tidak ada	Tidak ada	Tidak ada

3. Diagnosis

Kode Diagnosis

Name	Flags	Card.	Type	Description & Constraints
Condition	I TU		DomainResource	Detailed information about conditions, problems or diagnoses *+ Guideline: Condition.clinicalStatus SHALL be present if verificationStatus is not entered-in-error and category is problem-list-item* *+ Rule: If condition is abated, then clinicalStatus must be either inactive, resolved, or remission* *+ Rule: Condition.clinicalStatus SHALL NOT be present if verification Status is entered-in-error* Elements defined in Ancestors: id, meta, implicitRules, language, text, contained, extension, modifierExtension
identifier	Σ	0..*	Identifier	External Ids for this condition
clinicalStatus	?! Σ I	0..1	CodeableConcept	active | recurrence | relapse | inactive | remission | resolved Condition Clinical Status Codes (Required)
verificationStatus	?! Σ I	0..1	CodeableConcept	unconfirmed | provisional | differential | confirmed | refuted | entered-in-error ConditionVerificationStatus (Required)
category		0..*	CodeableConcept	problem-list-item | encounter-diagnosis Condition Category Codes (Extensible)
severity		0..1	CodeableConcept	Subjective severity of condition Condition/Diagnosis Severity (Preferred)
code	Σ	0..1	CodeableConcept	Identification of the condition, problem or diagnosis Condition/Problem/Diagnosis Codes (Example)
bodySite	Σ	0..*	CodeableConcept	Anatomical location, if relevant SNOMED CT Body Structures (Example)
subject	Σ	1..1	Reference(Patient | Group)	Who has the condition?
encounter	Σ	0..1	Reference(Encounter)	Encounter created as part of

```
{
  "resourceType": "Condition",
  "clinicalStatus": {
    "coding": [
      {
        "system": "http://terminology.hl7.org/CodeSystem/condition-clinical",
        "code": "active",
        "display": "Active"
      }
    ]
  },
  "category": [
    {
      "coding": [
        {
          "system": "http://terminology.hl7.org/CodeSystem/condition-category",
          "code": "encounter-diagnosis",
          "display": "Encounter Diagnosis"
        }
      ]
    }
  ],
  "code": {
    "coding": [
      {
        "system": "http://hl7.org/fhir/sid/icd-10",
        "code": "A15.0",
        "display": "Tuberculosis of lung, confirmed by sputum microscopy with or without culture"
      }
    ]
  },
  "subject": {
    "reference": "Patient/100000030009",
    "display": "Budi Santoso"
  },
  "encounter": {
    "reference": "Encounter/2823ed1d-3e3e-434e-9a5b-9c579d192787"
  },
  "onsetDateTime": "2022-06-14",
  "recordedDate" : "2022-06-14"
```


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Mapping Resource FHIR & Terminologi

	Variabel			Resource FHIR	Path FHIR	Format/Value	Terminology Bindings		
							Code	Display	Code System
	b	Diagnosis Akhir / Keluar							
		1)	Diagnosis Primer / Utama	Encounter	Encounter.diagnosis.condition.code		ICD-10 code	ICD-10 Code Description	http://hl7.org/fhir/sid/icd-10
					Encounter.diagnosis.use		DD	Discharge diagnosis	http://terminology.hl7.org/CodeSystem/diagnosis-role
					Encounter.diagnosis.rank		Tidak ada	1	
		2)	Diagnosis Sekunder / Penyerta	Encounter	Encounter.diagnosis.condition.code		ICD-10 code	ICD-10 Code Description	http://hl7.org/fhir/sid/icd-10
					Encounter.diagnosis.use		DD	Discharge diagnosis	http://terminology.hl7.org/CodeSystem/diagnosis-role
					Encounter.diagnosis.rank		Tidak ada	2	

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