



iCare

Apresentação do Problema

Agendamento de consultas e exames



Ligações ou criação de contas



Processo moroso



Por que não reunir tudo em um único lugar?



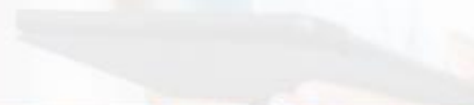
iCare

Email:

Senha:

[Esqueci minha senha](#)

Acessar →





PROXIMAS CONSULTAS

Ortopedista: 07/10/2023 - 14:30

Hospital Oswaldo Cruz

R. São Joaquim, 36 - Liberdade, São Paulo - SP

● Agendado

Cardiologista: 10/10/2023 - 15:30

Hcore

Hcor, R. Des. Eliseu Guilherme, 147 - Paraíso,
São Paulo - SP

● Cancelado

Nova Consulta +



PROXIMOS EXAMES

Exame de Sangue: 07/10/2023 - 14:30

Leforte

Rua Barão de Iguape - Liberdade, São Paulo - SP

● Agendado

Exame de Urina: 07/10/2023 - 14:30

Hospital Oswaldo Cruz

R. São Joaquim, 36 - Liberdade, São Paulo - SP

● Cancelado

Novo Exame +



MINHAS CARTEIRINHAS

Bradesco - ****38 ▼



Nova Consulta +

Novo Exame +

Ultimas Consultas

19/08/2023 - Cardiologista

07/02/2023 - Oftalmologista

06/01/2023 - Ortopedista

[VER TODOS](#)

Resultado de Exames

23/07/2023 - Radiografia ↓

21/01/2023 - Hemograma ↓

25/10/2022 - Tomografia ↓

[VER TODOS](#)



Especialidade:  Cardologista

Idade: 23 Sexo: Feminino

Local: 


Convenio: 

Medico Disponivel: 

Data:  Horário: 

Agendar



Exame:  Exame De Sangue

Local: Leforte

Convenio: 

Idade:  Sexo: 

Altura:  Peso: 

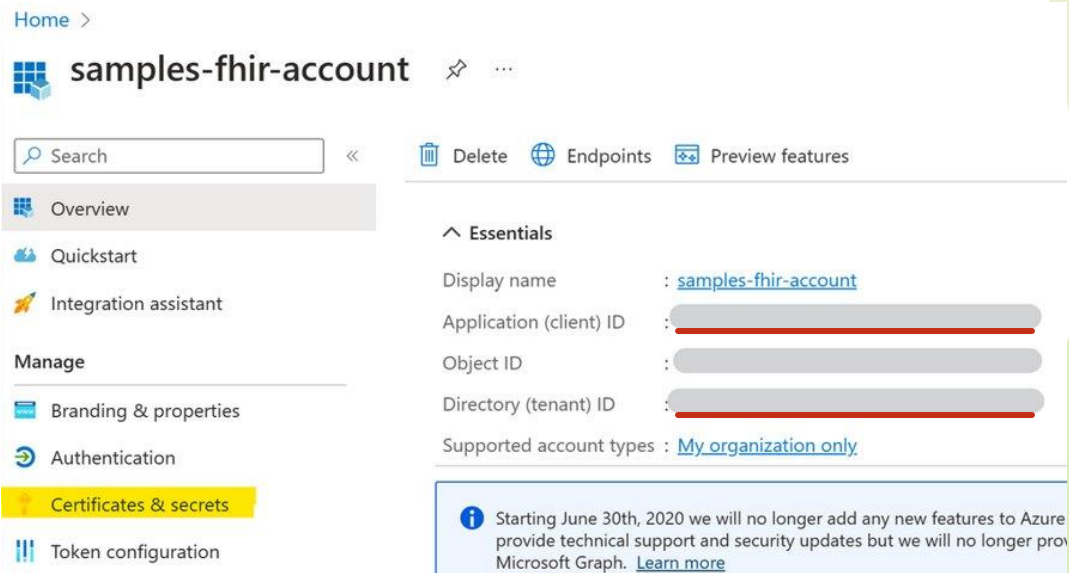
Data:  Horário: 

Agendar



Por trás do sistema

Criar uma aplicação no Portal Azure



- ▶ Configurar aplicação para obter o clientId e tenantId
- ▶ Ambos serão usados para obter os tokens de autenticação das apis FHIR

Criar um workspace no Portal Azure

[Home](#) > [Azure Health Data Services](#) >

Create Azure Health Data Services workspace ...

Basics Networking Tags Review + create

Azure Health Data Services is a secure platform designed for Protected Health Information and related health data workloads in the cloud. It enables analytics and machine learning with health data, and powers scalable solutions in health and life sciences. The Azure Health Data Services are based on the interoperable data standard FHIR® and DICOMweb™ standard.

Project details

Subscription *

Visual Studio Enterprise Subscription



Resource group *

rg-demo-brz



[Create new](#)

Workspace details

Workspace name *

demofhirbrz



Region *

South Central US



Criar um serviço FHIR no Portal Azure

Create FHIR service ...

* Basics * Additional settings Tags Review + create

The FHIR service enables rapid exchange of data through Fast Healthcare Interoperability Resources (FHIR®) APIs. It makes it easier for anyone working with health data to ingest, manage, and persist Protected Health Information (PHI) in the cloud

FHIR service details

FHIR service name *

fhirservice



demofhirbrz-***.fhir.azurehealthcareapis.com

FHIR version *

R4



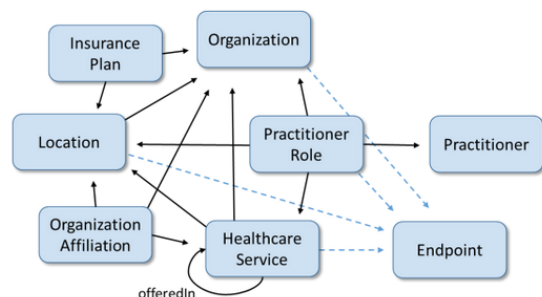
Utilizar a documentação do FHIR

8.0.2.3 Service Provider Directory Resources

Service Provider Directory resources are usually stored in the administration section of applications, and may even be synchronized from external systems.

| Name | Aliases | Description |
|-------------------------|---------|--|
| Organization | | A formally or informally recognized grouping of people or organizations formed for the purpose of achieving some form of collective action. Includes companies, institutions, corporations, departments, community groups, healthcare practice groups, payer/insurer, etc. |
| Location | | Details and position information for a place where services are provided and resources and participants may be stored, found, contained, or accommodated. |
| Practitioner | | A person who is directly or indirectly involved in the provisioning of healthcare or related services. |
| PractitionerRole | | A specific set of Roles/Locations/specialties/services that a practitioner may perform, or has performed at an organization during a period of time. |
| HealthcareService | | The details of a healthcare service available at a location or in a catalog. In the case where there is a hierarchy of services (for example, Lab -> Pathology -> Wound Cultures), this can be represented using a set of linked HealthcareServices. |
| Endpoint | | The technical details of an endpoint that can be used for electronic services, such as for web services providing XDS.b, a REST endpoint for another FHIR server, or a s/Mime email address. This may include any security context information. |
| OrganizationAffiliation | | Defines an affiliation/association/relationship between 2 distinct organizations, that is not a part-of relationship/sub-division relationship. |
| InsurancePlan | | Details of a Health Insurance product/plan provided by an organization. |

- Cadastrar todos os planos de saúde, clínicas, hospitais e profissionais parceiros dentro do sistema
- Documentação do FHIR oferece todas as classes já organizadas com seus devidos atributos para facilitar a integração do sistema

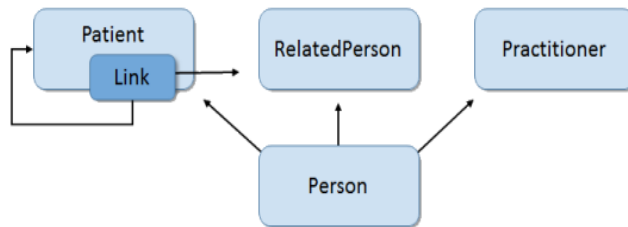


Link desta documentação: <https://www.hl7.org/fhir/administration-module.html#dir-reg>

8.0.2.1 Patient Registers

Resources that contain details of people and animals that are either receiving care, or are associated with these subjects. Many other resources refer back to these as either the subject of care, or are somehow involved in that patient's record.

| Name | Aliases | Description |
|---------------|-------------------------------|--|
| Patient | SubjectOfCare Client Resident | Demographics and other administrative information about an individual or animal receiving care or other health-related services. |
| RelatedPerson | | Information about a person that is involved in a patient's health or the care for a patient, but who is not the target of healthcare, nor has a formal responsibility in the care process. |
| Person | | Demographics and administrative information about a person independent of a specific health-related context. |
| Group | | Represents a defined collection of entities that may be discussed or acted upon collectively but which are not expected to act collectively, and are not formally or legally recognized; i.e. a collection of entities that isn't an Organization. |



Implementation Note: Patient linking should also be considered when evaluating searches with references to other resources. e.g. searching for a patient's conditions for a patient. At present the specification does not define if the links should be also followed to include conditions that reference the linked patients too. We are currently seeking feedback on this.

Implementation Note: The Person resource may be used as a centralized register of people that may eventually be involved in healthcare, and could be used as the central core demographics register. However, the fields/values in Person are duplicated in the other resources, and in many cases the Person resource will be hosted on external systems.

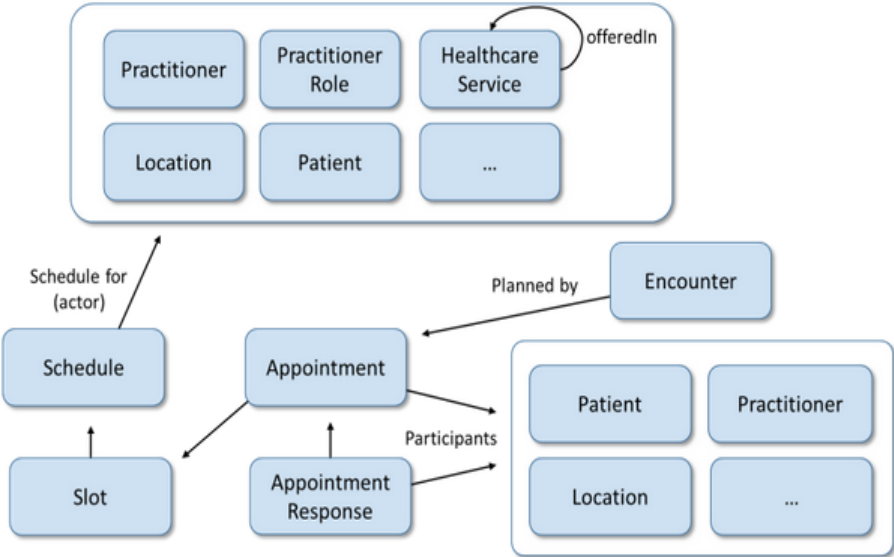
- A estrutura para cadastrar os clientes também está descrita na documentação do FHIR

Link desta documentação: <https://www.hl7.org/fhir/administration-module.html#patient-reg>

8.0.2.4 Scheduling and Appointments

The Scheduling/Appointment resources permit the planning of encounters to occur and follow on with other clinical activities.

| Name | Aliases | Description |
|---------------------|--------------|---|
| Schedule | Availability | A container for slots of time that may be available for booking appointments. |
| Slot | | A slot of time on a schedule that may be available for booking appointments. |
| Appointment | | A booking of a healthcare event among patient(s), practitioner(s), related person(s) and/or device(s) that results in one or more Encounter(s). |
| AppointmentResponse | | A reply to an appointment request for a patient and/or practitioner(s), such as a confirmation or cancellation. |



When the scheduling resources need to identify the specific activity or service that is being scheduled, they may use either a Healthcare Service or Activity resource.

► Quando um paciente estiver cadastrado dentro do sistema, será possível começar os agendamentos de consultas e exames via front-end, apenas seguindo a documentação ao lado

Link desta documentação: <https://www.hl7.org/fhir/administration-module.html#sched>

Integrantes

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