



# GNU Health for beginners

Webinar July 13, 2020  
Edgar Hagenbichler



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# Welcome



- Self introduction
  - where am I from
  - where am I now
  - some more information about me
  - what is my GNU Health project
  - What are my expectations on this webinar

# Content

- *self introduction of the participants*
- answer your questions
- use case: document your own health record
  - create party
  - create user, assign permission rights
  - create patient
  - document ICD-10 diagnosis, medication, vaccinations, hospital stays
  - Scan medical reports and attach them to your personal record
- feedback of participants



# www.gnuhealth.org



GNU Health | Freedom and Equity in Healthcare - Mozilla Firefox

GNU Health - Wikibooks, open source books for everyone

https://www.gnuhealth.org/#/

**GNUHealth**  
FREEDOM AND EQUITY IN HEALTHCARE

ABOUT DOWNLOAD EVENTS SPONSORS PLANET SUPPORT US! DOCUMENTATION

## Welcome to the GNU Health Federation

### #SocialMedicine

“ *La medicina sin humanismo médico no merece ser ejercida.* | Professor Dr. René Favaloro ”



# Wikibooks GNU\_Health



GNU Health - Wikibooks, open books for an open world - Mozilla Firefox

GNU Health | Freedom and Equi x GNU Health - Wikibooks, op x GNU Health - Wikibooks, op x +

https://en.wikibooks.org/wiki/GNU\_Health

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## GNU Health

The Free/Libre Health and Hospital Information System

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#### Patient Management [\[edit\]](#)

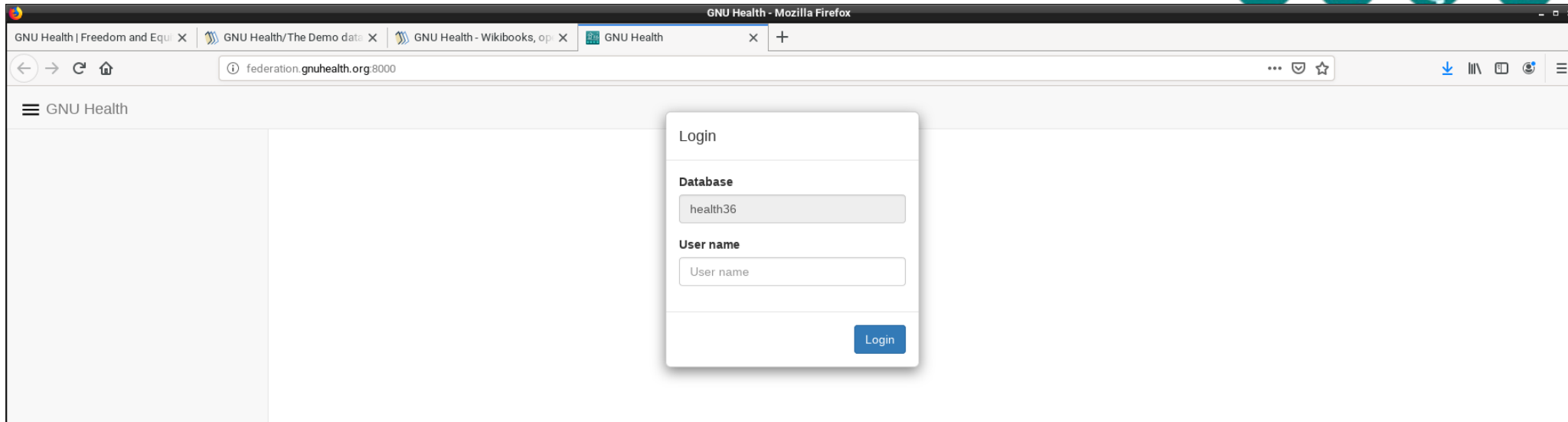


GNU Health logo

Wikipedia has related information at [GNU Health](#)



# federation.gnuhealth.org:8000



<http://federation.gnuhealth.org:8000/>

User name: admin

Password: gnosolidario



# Raspberry 4



Raspberry 4 with 4 GB RAM

GNU Health SD card 32 GB

<https://www.gnuhealth.org/#/embedded>

User: root or gnuhealth, password freedom  
demo-database: user admin, password gnosolidario

or

[https://en.opensuse.org/GNUHealth\\_on\\_openSUSE](https://en.opensuse.org/GNUHealth_on_openSUSE)

user: root or test, password test  
demo-database: user admin, password gnosolidario

**Raspberry 4 with 4 GB: (=Raspi4)**

apprx. 70 US-\$, + 10 \$ power supply cable + 5 \$ mini-HDMI-cable + 5 \$ 32 GB SD-card+10 \$ box  
= **100 US\$**; you also need mouse, keyboard and HDMI monitor or monitor + adapter

For 120 US\$ per year **GNU Health membership** you get once as entry gift a **Raspi 4+GNU Health**  
+ (if you join in July) 1 hour personal online videochat support by me<sup>8/15</sup>

GNU Health for beginners – webinar July 13, 2020





# Login



GNU Health HMIS - Anmeldung

3.6.9

**GNU Health**  
The Free / Libre Hospital and Health Information System

Profil: local

Host-/Datenbankdetails

Host: localhost

Datenbank: ghdemo36

Anmeldename: admin

# Create Party and User



Party > **Parties**

New

Name: Test11

Gender: Male

Internal **User**: New: Test11

Name: Test11, Login: Test11, check CalDAV,

Emailaddress: [test11@gnuhealth.org](mailto:test11@gnuhealth.org)

Access **Permissions**: + , then mark all 30 permissions, click OK,  
then REMOVE 6 permissions: Health Front desk, H.Doctor, H.Social worker,  
Health BackOffice, Health lab, Health Nursing

SAVE (these 6 permissions interfere with the 24 others)

Hint: DELETE Party or User, ...: unmark “Active” checkbox

Hint2: SWITCH VIEW: between specific record and whole list

# Create Patient, Diagnosis



Login as your new user

Party > parties: create NEW party (e.g. you, your family members, ...), Test22  
e.g. Name, Family name, DoB, Gender, Residence, Citizenship, Occupation,  
DU (Main Address), Picture

SAVE

Health > Patients > NEW

**DIAGNOSIS:**

Relate > Conditions

NEW

Condition:F2-Search

Choose ICD-10

GNU Health - Test1 - GNU SOLIDARIO HOSPITAL [EUR] - Test1@localhost/ghdemo36

File Settings Hilfe

GNU Health Command Global Search

Party Parties Users

Patients

Switch View Previous Next New Save Reload/Undo Attachment(0) Notes... Action Relate Report E-Mail Print Copy URL

Main Info

Test, Test2 Male Age: 60y 6m

Critical Information

I10: Essential (primary) hypertension

Disabilities / Barriers:

General Info Functioning and Disability Surgeries Socioeconomics Lifestyle OB/GYN Genetics Medications

Medicament	Indication	Start	End	Cc Di	Active	Vaccine
------------	------------	-------	-----	-------	--------	---------

Appointments

Conditions

Disability Assessment

Dx Imaging - New

Dx Imaging Requests

Dx Imaging Results

ECGs

Evaluations

Lab Reports

Lab Request new order

Neonatal Info

Obstetric History

Ophthalmologic Evaluations

PSC

Prescriptions

RCRI

Services

Socioeconomic and Family Assessment

Surgeries

Vaccinations

Next Dose Observations Sign



# Medication, Vaccination



Health > Patients

## MEDICATION:

Medicament: Create a new record

Medicament: F2

and/or

Relate: Prescriptions

## VACCINATIONS:

Relate: Vaccinations

The screenshot shows the GNU Health web interface for a patient named 'Test, Test2'. The patient is male, 60 years old, and has a critical information section listing 'J20.2: Acute bronchitis due to streptococcus', 'H00.1: Chalazion', and 'I10: Essential (primary) hypertension'. The 'Medication' tab is active, showing a table with two entries: 'Amoxicillin 500mg capsules' and 'enalapril'. The 'Vaccinations' tab is also visible, showing a record for 'tetanus vaccine' administered on 07/13/2020.

Medicament	Indication	Start	End	Cc	Di	Active	Vaccine	Dose #	Date	Next Dose	Observations	Signed by
Amoxicillin 500mg capsules	J20.2: Acute bronchitis due to	07/13/2020		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	tetanus vaccine	1	07/13/2020			
enalapril	I10: Essential (primary) hypert	07/13/2000		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>						



# Hospital stays, scans



## **Surgery:**

Relate > Surgeries

## **Non-surgical:**

Relate > conditions and/or

Relate > evaluations

**Scan your medical reports** and attach it to the record

# Next webinars



**GNU Health for beginners** (same content as today)

Mon, July 20, 2020, 19:30 CEST

Mon, August 3, 2020, 19:30 CEST

free, no cost

Registration with email to [edgar@hagenbichler.at](mailto:edgar@hagenbichler.at)

If you liked it, please share the invitation

Please consider becoming a member and support the idea of GNU Health!

# Feedback



- How do I feel now
- Have my expectations been met
- What did I like
- What should be done again in the future
- What could have been done better or should not have been done
- What else I want to share ...