

Data Dictionary – Epidata database

epiGuider Non-Communicable Disease (NCD) project

Date created: 05/12/2020

Last update:

Data dictionary for the Epidata database created for the epiGuider NCD project in Cameroon. The name of the DB (database) will be as following: DB_NCD_ *place* _CMR_ *yearmonthday*.epx

Replace *place* by Health facility

Replace *yearmonthday* by the date the DB was changed/completed by new data and keep the previous version as a backup.

Ex: DB_NCD_BamendaHC_CMR_20201128.epx

“.epx” is the extension for the EpiData data file.

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1. INITIATION FORM

INITIATION			
Variable name in EpiData and Excel export	Label in EpiData	Variable type	Explanations
idncd	Patient's NCD number	String (Uppercase)	MUST ENTER - REGISTER Number given at registration to the patient. The number is entered on the paper file of the patient = facility number+year+number of patient that year <i>Example:</i> 012020NCD00001
hfcode	Health facility	integer	MUST ENTER Health facility the patient is registered for his/her NCD → pick in the list 1= Bamenda Health centre 2= Buea Health centre 3= Tiko Health centre 4= Douala Health centre and 5= Yaounde Health centre → If missing: 9
regdate	Registration date	date	MUST ENTER – REGISTER Date the patient was first registered = different from date diagnosed → format: dd/mm/yyyy → Possible values: 01/01/2020 – 31/12/2022 → If missing: 01/01/1900

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1.1. Demographics

Variable name in EpiData and Excel export	Label in EpiData	Variable type	Explanations
surname	Surname	Text (Uppercase)	Surname of the patient
name	Name	Text (Uppercase)	First name of the patient
dob	Patient's date of birth	date	Date of birth of the patient if known → format: dd/mm/yyyy → Possible values: 01/01/1900 – 31/12/2022 → If missing: 01/01/1900

today	Today's date	Date (auto date)	AUTOMATIC DATE Date the patient is entered in the DB for the first time
age	Patient's age in years	integer	Age of the patient at registration, in years No decimal authorized → Format: nnn (no decimal allowed) → Possible values: 0 – 125 → if missing: 999
autoage	Automatic age	Integer(calculation)	AUTOMATIC CALCULATION = regdate - dob In years → Possible values: 0 – 125 → To take into consideration for analyses if dob different from 01/01/1900
sex	Patient's gender	integer	MUST ENTER – REGISTER Gender of the patient Pick in the list → Possible values: 1/Male, 2/Female, 9/Sex not recorded → If missing: 9
phone	Patient's phone number	integer	Maximum 9 numbers <i>Example:</i> 677045536

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1.2. Vitals at initiation

Variable name in EpiData and Excel export	Label in EpiData	Variable type	Explanations
sysbpi	Systolic BP at initiation in mmHg	integer	→ Format: nnn (no decimal allowed) → Possible values: 0 – 999 → If missing: 999 Pre-entered with missing value
diasbpi	Diastolic BP at initiation in mmHg	integer	→ Format: nnn (no decimal allowed) → Possible values: 0 – 999 → If missing: 999 Pre-entered with missing value
weighti	Weight at initiation in kg	Decimal (Float)	→ Format: nnn.n (1 decimal allowed) → Possible values: 0 – 500 → If missing: 999.9 Pre-entered with missing value

heighti	Height at initiation in cm	Decimal (Float)	→ Format: nnn.n (1 decimal allowed) → Possible values: 0 – 250 → If missing: 999.9 Pre-entered with missing value
bmii	BMI at initiation in kg/m ²	Decimal (Float)	→ Format: nn.n (1 decimal allowed) → Possible values: 0 – 60 → If missing: 99.9 Pre-entered with missing value

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1.3. Lab tests at initiation

Variable name in EpiData and Excel export	Label in EpiData	Variable type	Explanations
blooddt	Blood taken date	date	Date the patient had blood taken for lab tests that will be registered as initiation measurements → Format: dd/mm/yyyy → Possible values: 01/01/2020 – 31/12/2022 → If missing or not done: 01/01/1900 Pre-entered with missing value
fastgluc	Fasting glucose in mmol/L	Decimal (Float)	Fasting glucose at initiation → Format: nn.n (1 decimal allowed) → Possible values: 0 – 99 → If missing or not done: 99.9 Pre-entered with missing value
randgluc	Random glucose in mmol/L	Decimal (Float)	Random glucose at initiation → Format: nn.n (1 decimal allowed) → Possible values: 0 – 99 → If missing or not done: 99.9 Pre-entered with missing value
hba1c	HbA1C in %	Decimal (Float)	HbA1C test result at initiation → Format: nn.n (1 decimal allowed) → Possible values: 0 – 99 → If missing or not done: 99.9 Pre-entered with missing value
creat	Creatinine in micromole/L	integer	Creatinine level at initiation → Format: nnn (no decimal allowed) → Possible values: 0 – 999 → If missing or not done: 999 Pre-entered with missing value

creatclr	Creatinine clearance in ml/min	integer	<p>Creatinine clearance at initiation</p> <p>→ Format: nnn (no decimal allowed)</p> <p>→ Possible values: 0 – 999</p> <p>→ If missing or not done: 999</p> <p>Pre-entered with missing value</p>
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1.4. Diagnosis

Variable name in EpiData and Excel export	Label in EpiData	Variable type	Explanations
diabdiag	Diagnosis of diabetes	integer	<p>MUST ENTER – REGISTER</p> <p>Is the patient diagnosed with diabetes?</p> <p>Pick in the list</p> <p>→ Possible values: 0/No, 1/Type 1, 2/Type 2, 3/Gestational, 4/Type unknown</p> <p>→ If missing: 9</p> <p>If 0 or 9 then automatic jump to diabcase</p>
dbdt	Diabetes diagnosis date	date	<p>Date the patient was diagnosed with diabetes</p> <p>→ Format: dd/mm/yyyy</p> <p>→ Possible values: 01/01/1900 – 31/12/2022</p> <p>→ If missing or if diabdiag=0: 01/01/1900</p> <p>Pre-entered with missing value</p>
diabcase	Case type of diabetes	integer	<p>MUST ENTER – REGISTER</p> <p>Is the patient a new or old case of diabetes at registration?</p> <p>Pick in the list</p> <p>→ Possible values: 1/New, 2/Old, 3/na</p> <p>→ If missing: 9</p> <p>NB If diabdiag=0 or =9: enter 3 (na=not applicable)</p>
htndiag	Diagnosis of hypertension	integer	<p>MUST ENTER – REGISTER</p> <p>Is the patient diagnosed with hypertension?</p> <p>Pick in the list</p> <p>→ Possible values: 0/No, 1/Grade 1, 2/Grade 2, 3/Grade 3, 4/Grade unknown</p> <p>→ If missing or grade unknown: 9</p> <p>If 0 or 9 then automatic jump to htncase</p>

htndt	Hypertension diagnosis date	date	Date the patient was diagnosed with hypertension → Format: dd/mm/yyyy → Possible values: 01/01/1900 – 31/12/2022 → If missing or if htndiag=0: 01/01/1900 Pre-entered with missing value
htncase	Case type of hypertension	integer	MUST ENTER – REGISTER Is the patient a new or old case of hypertension at registration? Pick in the list → Possible values: 1/New, 2/Old, 3/na → If missing: 9 → If htndiag=0 or =9: enter 3 (na=not applicable)

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1.5. Medication for hypertension

Variable name in EpiData and Excel export	Label in EpiData	Variable type	Explanations
hctz	Hydrochlorthiazide	integer	MUST ENTER - REGISTER Was the patient prescribed or already on Hydrochlorthiazide at initiation? Pick in the list → Possible values: 0/No, 1/Yes → If missing: 9
hctzcode	Hydrochlorthiazide prescription stage	integer	MUST ENTER - REGISTER If Hydrochlorthiazide was prescribed at initiation or if patient was already on Hydrochlorthiazide at initiation, pick in the list → Possible values: 0/No medication, 1/Begin, 2/Continue, 3/Max dose, 4/Restart, 5/Stop, Noncompliance, 6/Stop, Failure, 7/Stop, Intolerance, 8/Stop, Patient choice, 9/Stop, Other, 10/na → If missing or unknown: 99 → If hctz=0: put 11 →if patient was prescribed hctz and the drug was unavailable, put 0
enal	Enalapril	integer	MUST ENTER - REGISTER Was the patient prescribed or already on Enalapril at initiation? Pick in the list → Possible values: 0/No, 1/Yes → If missing: 9

enalcode	Enalapril prescription stage	integer	<p>MUST ENTER - REGISTER</p> <p>If Enalapril was prescribed at initiation or if patient was already on Enalapril at initiation, pick in the list → Possible values: 0/No medication, 1/Begin, 2/Continue, 3/Max dose, 4/Restart, 5/Stop, Noncompliance, 6/Stop, Failure, 7/Stop, Intolerance, 8/Stop, Patient choice, 9/Stop, Other, 10/na → If missing or unknown: 99 → If enal=0: put 11 → if patient was prescribed enal and the drug was unavailable, put 0</p>
amlo	Amlodipin	integer	<p>MUST ENTER - REGISTER</p> <p>Was the patient prescribed or already on Amlodipin at initiation? Pick in the list → Possible values: 0/No, 1/Yes, 9/nr-unk → If missing: 9</p>
amlocode	Amlodipin prescription stage	integer	<p>MUST ENTER - REGISTER</p> <p>If Amlodipin was prescribed at initiation or if patient was already on Amlodipin at initiation, pick in the list → Possible values: 0/No medication, 1/Begin, 2/Continue, 3/Max dose, 4/Restart, 5/Stop, Noncompliance, 6/Stop, Failure, 7/Stop, Intolerance, 8/Stop, Patient choice, 9/Stop, Other, 10/na → If missing or unknown: 99 → If amlo=0: put 11 → if patient was prescribed amlo and the drug was unavailable, put 0</p>
aten	Atenolol	integer	<p>MUST ENTER - REGISTER</p> <p>Was the patient prescribed or already on Atenolol at initiation? Pick in the list → Possible values: 0/No, 1/Yes, 9/nr-unk → If missing: 9</p>
atencode	Atenolol prescription stage	integer	<p>MUST ENTER - REGISTER</p> <p>If Atenolol was prescribed at initiation or if patient was already on Atenolol at initiation, pick in the list → Possible values: 0/No medication, 1/Begin, 2/Continue, 3/Max dose, 4/Restart, 5/Stop, Noncompliance, 6/Stop, Failure, 7/Stop, Intolerance, 8/Stop, Patient choice, 9/Stop, Other, 10/na → If missing or unknown: 99 → If aten=0: put 11 → if patient was prescribed aten and the drug was unavailable, put 0</p>

spiro	Spironolactone	integer	MUST ENTER - REGISTER Was the patient prescribed or already on Spironolactone at initiation? Pick in the list → Possible values: 0/No, 1/Yes, 9/nr-unk → If missing: 9
spirocode	Spironolactone prescription stage	integer	MUST ENTER - REGISTER If Spironolactone was prescribed at initiation or if patient was already on Spironolactone at initiation, pick in the list → Possible values: 0/No medication, 1/Begin, 2/Continue, 3/Max dose, 4/Restart, 5/Stop, Noncompliance, 6/Stop, Failure, 7/Stop, Intolerance, 8/Stop, Patient choice, 9/Stop, Other, 10/na → If missing or unknown: 99 → If spiro=0: put 11 → if patient was prescribed spiro and the drug was unavailable, put 0
furo	Furosemide	integer	MUST ENTER - REGISTER Was the patient prescribed or already on Furosemide at initiation? Pick in the list → Possible values: 0/No, 1/Yes, 9/nr-unk → If missing: 9
furocode	Furosemide prescription stage	integer	MUST ENTER - REGISTER If Furosemide was prescribed at initiation or if patient was already on Furosemide at initiation, pick in the list → Possible values: 0/No medication, 1/Begin, 2/Continue, 3/Max dose, 4/Restart, 5/Stop, Noncompliance, 6/Stop, Failure, 7/Stop, Intolerance, 8/Stop, Patient choice, 9/Stop, Other, 10/na → If missing or unknown: 99 → If furo=0: put 11 → if patient was prescribed furo and the drug was unavailable, put 0
htnother	Other medication for hypertension	String (Uppercase)	Was the patient prescribed or already on other medication at initiation? → Free entry: put the name of the drug (max 20 characters) → If missing: empty
htnothcode	Other medication for hypertension prescription stage	integer	MUST ENTER - REGISTER If Other medication for hypertension was prescribed at initiation or if patient was already on Other medication for hypertension at initiation, pick in the list

			<p>→ Possible values: 0/No medication, 1/Begin, 2/Continue, 3/Max dose, 4/Restart, 5/Stop, Noncompliance, 6/Stop, Failure, 7/Stop, Intolerance, 8/Stop, Patient choice, 9/Stop, Other, 10/na</p> <p>→ If missing or unknown: 99</p> <p>→ If htnother =0: put 11</p> <p>→ if patient was prescribed htnother and the drug was unavailable, put 0</p>
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1.6. Medication for diabetes

Variable name in EpiData and Excel export	Label in EpiData	Variable type	Explanations
metfor	Metformin	integer	<p>MUST ENTER - REGISTER</p> <p>Was the patient prescribed or already Metformin on at initiation?</p> <p>Pick in the list</p> <p>→ Possible values: 0/No, 1/Yes</p> <p>→ If missing: 9</p>
metforcode	Metformin prescription stage	integer	<p>MUST ENTER - REGISTER</p> <p>If Metformin was prescribed at initiation or if patient was already on Metformin at initiation, pick in the list</p> <p>→ Possible values: 0/No medication, 1/Begin, 2/Continue, 3/Max dose, 4/Restart, 5/Stop, Noncompliance, 6/Stop, Failure, 7/Stop, Intolerance, 8/Stop, Patient choice, 9/Stop, Other, 10/na</p> <p>→ If missing or unknown: 99</p> <p>→ If metfor =0: put 11</p> <p>→ if patient was prescribed metfor and the drug was unavailable, put 0</p>
glib	Glibenclamide	integer	<p>MUST ENTER - REGISTER</p> <p>Was the patient prescribed or already Glibenclamide on at initiation?</p> <p>Pick in the list</p> <p>→ Possible values: 0/No, 1/Yes</p> <p>→ If missing: 9</p>
glibcode	Glibenclamide prescription stage	integer	<p>MUST ENTER - REGISTER</p> <p>If Glibenclamide was prescribed at initiation or if patient was already on Glibenclamide at initiation, pick in the list</p> <p>→ Possible values: 0/No medication, 1/Begin, 2/Continue, 3/Max dose, 4/Restart, 5/Stop, Noncompliance, 6/Stop, Failure, 7/Stop, Intolerance, 8/Stop, Patient choice, 9/Stop, Other, 10/na</p>

			<p>→ If missing or unknown: 99</p> <p>→ If glib =0: put 11</p> <p>→ if patient was prescribed glib and the drug was unavailable, put 0</p>
insul	Insulin	integer	<p>MUST ENTER - REGISTER</p> <p>Was the patient prescribed or already Insulin on at initiation?</p> <p>Pick in the list</p> <p>→ Possible values: 0/No, 1/Yes</p> <p>→ If missing: 9</p>
insulcode	Insulin prescription stage	integer	<p>MUST ENTER - REGISTER</p> <p>If Insulin was prescribed at initiation or if patient was already on Insulin at initiation, pick in the list</p> <p>→ Possible values: 0/No medication, 1/Begin, 2/Continue, 3/Max dose, 4/Restart, 5/Stop, Noncompliance, 6/Stop, Failure, 7/Stop, Intolerance, 8/Stop, Patient choice, 9/Stop, Other, 10/na</p> <p>→ If missing or unknown: 99</p> <p>→ If insul =0: put 11</p> <p>→ if patient was prescribed insul and the drug was unavailable, put 0</p>
aspi	Aspirin	integer	<p>MUST ENTER - REGISTER</p> <p>Was the patient prescribed or already Aspirin on at initiation?</p> <p>Pick in the list</p> <p>→ Possible values: 0/No, 1/Yes</p> <p>→ If missing: 9</p>
aspicode	Aspirin prescription stage	integer	<p>MUST ENTER - REGISTER</p> <p>If Aspirin was prescribed at initiation or if patient was already on Aspirin at initiation, pick in the list</p> <p>→ Possible values: 0/No medication, 1/Begin, 2/Continue, 3/Max dose, 4/Restart, 5/Stop, Noncompliance, 6/Stop, Failure, 7/Stop, Intolerance, 8/Stop, Patient choice, 9/Stop, Other, 10/na</p> <p>→ If missing or unknown: 99</p> <p>→ If aspi =0: put 11</p> <p>→ if patient was prescribed aspi and the drug was unavailable, put 0</p>
diabother	Other medication for diabetes	integer	<p>MUST ENTER - REGISTER</p> <p>Was the patient prescribed or already on Other medication for diabetes at initiation?</p> <p>Pick in the list</p> <p>→ Possible values: 0/No, 1/Yes</p> <p>→ If missing: 9</p>
diabothcode	Other medication for diabetes prescription stage	String (Uppercase)	MUST ENTER - REGISTER

			<p>If Other medication for diabetes was prescribed at initiation or if patient was already on Other medication for diabetes at initiation, pick in the list → Possible values: 0/No medication, 1/Begin, 2/Continue, 3/Max dose, 4/Restart, 5/Stop, Noncompliance, 6/Stop, Failure, 7/Stop, Intolerance, 8/Stop, Patient choice, 9/Stop, Other, 10/na → If missing or unknown: 99 → If diabother =0: put 11 → if patient was prescribed diabother and the drug was unavailable, put 0</p>
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1.7. To follow-up

fpform	After record, go to follow-up form?	integer	<p>MUST ENTER – REGISTER Pick in the list → Possible values: 0/No, 1/Yes If No, If Yes, follow-up form opens</p>
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2. FOLLOW-UP FORM

FOLLOW-UP		
Variable name in Epidata and Excel export	Label in Epidata	Explanations
idncd	Patient's NCD number	Automatic from initiation form Allows to relate the 2 forms in EpiData
hfcode	Health facility	Automatic from initiation form Also allows to relate the 2 forms in EpiData
regdate	Registration date	Automatic from initiation form Also allows to relate the 2 forms in EpiData
visitdt	Visit date	<p>MUST ENTER - REGISTER Date of the follow-up visit of the patient → Format: dd/mm/yyyy → Possible values: 01/01/2020 – 31/12/2022 → If missing: 01/01/1900</p>
visittype	Type of visit	<p>MUST ENTER - REGISTER Who came for the visit? Pick in the list → Possible values: 1/Patient present, 2/Patient absent-Care giver, 9/nr-unk</p>

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If any new diagnosis of diabetes or hypertension during follow-up visits for patients not diagnosed for those NCDs at initiation → go to initiation form and add diagnosis of DM or HTN with appropriate date + put case type = new

2.1. Vitals at follow-up

Variable name in EpiData and Excel export	Label in EpiData	Variable type	Explanations
sysbfpf	Systolic BP at follow-up in mmHg	integer	→ Format: nnn (no decimal allowed) → Possible values: 0 – 999 → If missing: 999 Pre-entered with missing value
diasbfpf	Diastolic BP at follow-up in mmHg	integer	→ Format: nnn (no decimal allowed) → Possible values: 0 – 999 → If missing: 999 Pre-entered with missing value
weightfp	Weight at follow-up in kg	Decimal (Float)	→ Format: nnn.n (1 decimal allowed) → Possible values: 0 – 500 → If missing: 999.9 Pre-entered with missing value
heightfp	Height at follow-up in cm	Decimal (Float)	→ Format: nnn.n (1 decimal allowed) → Possible values: 0 – 250 → If missing: 999.9 Pre-entered with missing value
bmifp	BMI at follow-up in kg/m ²	Decimal (Float)	→ Format: nn.n (1 decimal allowed) → Possible values: 0 – 60 → If missing: 99.9 Pre-entered with missing value

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2.2. Lab tests at follow-up

Variable name in EpiData and Excel export	Label in EpiData	Variable type	Explanations
blooddftp	Blood taken date	date	Date the patient had blood taken for lab tests that will be registered as visit measurements → Format: dd/mm/yyyy → Possible values: 01/01/2016 – 31/12/2021 → If missing or not done: 01/01/1900 Pre-entered with missing value
hba1cfp	HbA1C in %	Decimal (Float)	HbA1C result corresponding to lab tests prescribed during follow-up visit → Format: nn.n (1 decimal allowed) → Possible values: 0 – 99 → If missing or not done: 99.9 Pre-entered with missing value
creatfp	Creatinine in micromole/L	integer	Creatinine result corresponding to lab tests prescribed during follow-up visit → Format: nnn (no decimal allowed) → Possible values: 0 – 999 → If missing or not done: 999 Pre-entered with missing value
creatclrfp	Creatinine clearance in ml/min	integer	Creatinine clearance result corresponding to lab tests prescribed during follow-up visit → Format: nnn (No decimal allowed) → Possible values: 0 – 999 → If missing or not done: 999 Pre-entered with missing value

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How to encode results of lab tests?

Patient was prescribed lab tests during follow-up → we consider that blood taken

2.3. Medication for hypertension

Variable name in EpiData and Excel export	Label in EpiData	Variable type	Explanations
hctzfp	Hydrochlorthiazide	integer	MUST ENTER - REGISTER Was the patient prescribed Hydrochlorthiazide during the follow-up visit? Pick in the list → Possible values: 0/No, 1/Yes, 9/nr-unk → If missing: 9
hctzcodefp	Hydrochlorthiazide prescription stage	integer	MUST ENTER - REGISTER If Hydrochlorthiazide prescribed during visit, pick in the list → Possible values: 0/No medication, 1/Begin, 2/Continue, 3/Max dose, 4/Restart, 5/Stop, Noncompliance, 6/Stop, Failure, 7/Stop, Intolerance, 8/Stop, Patient choice, 10/Stop, Other, 99/nr-unk → If missing or unknown: 99 → If hctz=0: put 0
enalfp	Enalapril	integer	MUST ENTER - REGISTER Was the patient prescribed Enalapril during the follow-up visit? Pick in the list → Possible values: 0/No, 1/Yes, 9/nr-unk → If missing: 9
enalcodefp	Enalapril prescription stage	integer	MUST ENTER - REGISTER If Enalapril prescribed during visit, pick in the list → Possible values: 0/No medication, 1/Begin, 2/Continue, 3/Max dose, 4/Restart, 5/Stop, Noncompliance, 6/Stop, Failure, 7/Stop, Intolerance, 8/Stop, Patient choice, 10/Stop, Other, 99/nr-unk → If missing or unknown: 99 → If enal=0: put 0
amlofp	Amlodipin	integer	MUST ENTER - REGISTER Was the patient prescribed Amlodipin during the follow-up visit? Pick in the list → Possible values: 0/No, 1/Yes, 9/nr-unk → If missing: 9
amlocodefp	Amlodipin prescription stage	integer	MUST ENTER - REGISTER

			<p>If Amlodipin prescribed during visit, pick in the list</p> <p>→ Possible values: 0/No medication, 1/Begin, 2/Continue, 3/Max dose, 4/Restart, 5/Stop, Noncompliance, 6/Stop, Failure, 7/Stop, Intolerance, 8/Stop, Patient choice, 10/Stop, Other, 99/nr-unk</p> <p>→ If missing or unknown: 99</p> <p>→ If amlo=0: put 0</p>
atenfp	Atenolol	integer	<p>MUST ENTER - REGISTER</p> <p>Was the patient prescribed Atenolol during the follow-up visit?</p> <p>Pick in the list</p> <p>→ Possible values: 0/No, 1/Yes, 9/nr-unk</p> <p>→ If missing: 9</p>
atencodf	Atenolol prescription stage	integer	<p>MUST ENTER - REGISTER</p> <p>If Atenolol prescribed during visit, pick in the list</p> <p>→ Possible values: 0/No medication, 1/Begin, 2/Continue, 3/Max dose, 4/Restart, 5/Stop, Noncompliance, 6/Stop, Failure, 7/Stop, Intolerance, 8/Stop, Patient choice, 10/Stop, Other, 99/nr-unk</p> <p>→ If missing or unknown: 99</p> <p>→ If aten=0: put 0</p>
spirofp	Spironolactone	integer	<p>MUST ENTER - REGISTER</p> <p>Was the patient prescribed Spironolactone during the follow-up visit?</p> <p>Pick in the list</p> <p>→ Possible values: 0/No, 1/Yes, 9/nr-unk</p> <p>→ If missing: 9</p>
spirocodf	Spironolactone prescription stage	integer	<p>MUST ENTER - REGISTER</p> <p>If Spironolactone prescribed during visit, pick in the list</p> <p>→ Possible values: 0/No medication, 1/Begin, 2/Continue, 3/Max dose, 4/Restart, 5/Stop, Noncompliance, 6/Stop, Failure, 7/Stop, Intolerance, 8/Stop, Patient choice, 10/Stop, Other, 99/nr-unk</p> <p>→ If missing or unknown: 99</p> <p>→ If spiro=0: put 0</p>
furofp	Furosemide	integer	<p>MUST ENTER - REGISTER</p> <p>Was the patient prescribed Furosemide during the follow-up visit?</p> <p>Pick in the list</p> <p>→ Possible values: 0/No, 1/Yes, 9/nr-unk</p> <p>→ If missing: 9</p>

furocodefp	Furosemide prescription stage	integer	MUST ENTER - REGISTER If Furosemide prescribed during visit, pick in the list → Possible values: 0/No medication, 1/Begin, 2/Continue, 3/Max dose, 4/Restart, 5/Stop, Noncompliance, 6/Stop, Failure, 7/Stop, Intolerance, 8/Stop, Patient choice, 10/Stop, Other, 99/nr-unk → If missing or unknown: 99 → If furo=0: put 0
htnothefp	Other medication for hypertension	String (Uppercase)	Was the patient prescribed other medication for hypertension during the follow-up visit? → Free entry: put the name of the drug (max 20 characters) → If missing: empty
htnothcodefp	Other medication for hypertension prescription stage	integer	If other medication for hypertension prescribed during visit, pick in the list → Possible values: 0/No medication, 1/Begin, 2/Continue, 3/Max dose, 4/Restart, 5/Stop, Noncompliance, 6/Stop, Failure, 7/Stop, Intolerance, 8/Stop, Patient choice, 10/Stop, Other, 99/nr-unk → If missing or unknown: 99 → If htnoth=empty: put 0 Pre-entered with missing value

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2.4. Medication for diabetes

Variable name in EpiData and Excel export	Label in EpiData	Variable type	Explanations
metforfp	Metformin	integer	MUST ENTER - REGISTER Was the patient prescribed Metformin during the follow-up visit? Pick in the list → Possible values: 0/No, 1/Yes, 9/nr-unk → If missing: 9
metforcodefp	Metformin prescription stage	integer	MUST ENTER - REGISTER If Metformin prescribed during visit, pick in the list → Possible values: 0/No medication, 1/Begin, 2/Continue, 3/Max dose, 4/Restart, 5/Stop, Noncompliance, 6/Stop, Failure, 7/Stop, Intolerance, 8/Stop, Patient choice, 10/Stop, Other, 99/nr-unk → If missing or unknown: 99 → If metfor=0: put 0

glibfp	Glibenclamide	integer	MUST ENTER - REGISTER Was the patient prescribed Glibenclamide during the follow-up visit? Pick in the list → Possible values: 0/No, 1/Yes, 9/nr-unk → If missing: 9
glibcodefp	Glibenclamide prescription stage	integer	MUST ENTER - REGISTER If Glibenclamide prescribed during visit, pick in the list → Possible values: 0/No medication, 1/Begin, 2/Continue, 3/Max dose, 4/Restart, 5/Stop, Noncompliance, 6/Stop, Failure, 7/Stop, Intolerance, 8/Stop, Patient choice, 10/Stop, Other, 99/nr-unk → If missing or unknown: 99 → If glib=0: put 0
insulfp	Insulin	integer	MUST ENTER - REGISTER Was the patient prescribed Insulin during the follow-up visit? Pick in the list → Possible values: 0/No, 1/Isophane or Protophane, 2/Actraphane, 3/Actrapid + Isophane or Protophane, 4/Other, 9/nr-unk → If missing: 9
insulcodefp	Insulin prescription stage	integer	MUST ENTER - REGISTER If Insulin prescribed during visit, pick in the list → Possible values: 0/No medication, 1/Begin, 2/Continue, 3/Max dose, 4/Restart, 5/Stop, Noncompliance, 6/Stop, Failure, 7/Stop, Intolerance, 8/Stop, Patient choice, 10/Stop, Other, 99/nr-unk → If missing or unknown: 99 → If insul=0: put 0
aspifp	Aspirin	integer	MUST ENTER - REGISTER Was the patient prescribed Aspirin during the follow-up visit? Pick in the list → Possible values: 0/No, 1/Yes, 9/nr-unk → If missing: 9
aspicodefp	Aspirin prescription stage	integer	MUST ENTER - REGISTER If Aspirin prescribed during visit, pick in the list → Possible values: 0/No medication, 1/Begin, 2/Continue, 3/Max dose, 4/Restart, 5/Stop, Noncompliance, 6/Stop, Failure, 7/Stop, Intolerance, 8/Stop, Patient choice, 10/Stop, Other, 99/nr-unk → If missing or unknown: 99 → If aspi=0: put 0

diabotherfp	Other medication for diabetes	String (Uppercase)	Was the patient prescribed other medication for diabetes during the follow-up visit? → Free entry: put the name of the drug (max 20 characters) → If missing: empty
diabothcodefp	Other medication for diabetes prescription stage	integer	If other medication for diabetes prescribed during visit, pick in the list → Possible values: 0/No medication, 1/Begin, 2/Continue, 3/Max dose, 4/Restart, 5/Stop, Noncompliance, 6/Stop, Failure, 7/Stop, Intolerance, 8/Stop, Patient choice, 10/Stop, Other, 99/nr-unk → If missing or unknown: 99 → If htanother=empty: put 0 Pre-entered with missing value

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2.5. Follow-up

Variable name in EpiData and Excel export	Label in EpiData	Variable type	Explanations
nextvisitdt	Next visit date planned	date	MUST ENTER – REGISTER Date the patient is supposed to come back for next follow-up visit → format: dd/mm/yyyy → Possible values: 01/01/2016 – 31/12/2021 → If missing: 01/01/1900
followup	Follow-up status	integer	MUST ENTER – REGISTER Current status of the patient in the cohort Pick in the list → Possible values: 1/Active on Treatment, 2/Lost to Follow-up, 3/Transfer out, 4/Died, 5/Referred to Hospital, 6/Other, 7/Deregistered DM, 8/Deregistered HTN, 9/nr-unk → If missing: 9

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How to encode Follow-up?

For the visit date in paper file → put followup=1 or =2 or =3 or =4 or =5 or =6 or =7 or =8 or =9.
After checks of outcome from excel export, if noticed that patient died or was lost to follow-up (LTFU) → enter new follow-up entry for the patient with visitdt=date patient died or patient is declared LTFU and followup=2 or 4. All the other variables are encoded with missing values.