

A Acute
M Myocardial
I Infarction in
S Switzerland

University of Zurich

Institute of Social and
Preventive Medicine



Practical Issues of Data Collection, Controlling and Cleaning

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March 2009

- Overview of Data Management
- Data Collection
- Data Controlling & Cleaning
- Follow-up Data
- Additional Projects

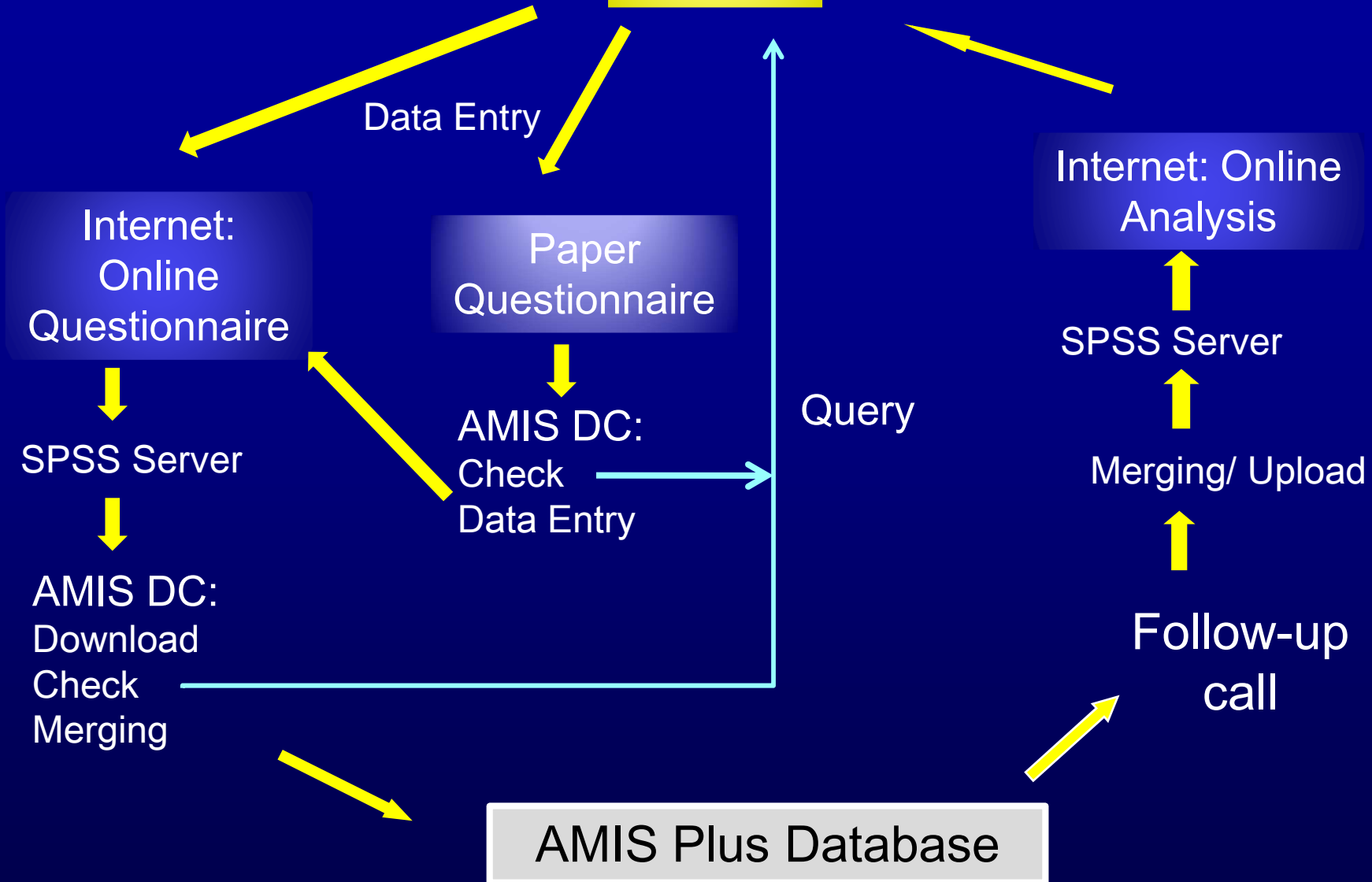


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Hospital



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Data Collection: Online Data Entry

The screenshot shows a web browser window displaying the 'Survey Manager' interface. The browser's address bar shows 'http://www.amis-plu...'. The page title is 'Survey Manager' and the logo 'AMIS Plus' is visible in the top right corner. The main content area includes a 'Welcome' message, a confirmation that the user is successfully logged in, and their profile information: 'Your username: nicole', 'Your E-mail address: nicoled@ifspm.unizh.ch', and 'Last password modification: 23. December 2008'. There is also an 'Important news' section with a date '08 Sept 2008' and a message about a new update. Below this is an 'Important links' section with four links: 'Start a new case', 'Cases', 'Change your profile', and 'Change your password'. A 'Powered by SPSS' logo is in the bottom right of the main content area. On the left side, there is a navigation menu with the following items: Home, Project, News and Events, Steering Committee, Data Center, Data Entry, Documents, AMIS Documents, Newsletters, Publications, AMIS in the Press, Online Analysis, AMIS Risk Model Calculator, Sponsors and Donators, Participants, Links, and Contact. The browser's address bar and menu bar are also visible.




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Online Questionnaire




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AMIS Plus Questionnaire

Please choose

Emergency
 Doctor
 Friend

Weiter

PATIENT AT ADMISSION

Answer '12.04.2009' is not in range "'1-Jan-1898" .. "31-Dec-1990"'.

Date of birth (DD.MM.YYYY)

Gender Male Female

Weight (e.g.: 68.5 kg is rounded up to 69 kg)

Height (cm)

Previous **Next** **Stop**




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Data Controlling: Downloading

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Survey Manager 


Downloaded File - Microsoft Internet Explorer

File Download

File download is running.
Please be patient.

<input type="checkbox"/>				# downloaded cases
<input checked="" type="checkbox"/>	26.01.2006 16:56:06	AMISPLUS	INCREMENTAL	34
<input checked="" type="checkbox"/>	25.01.2006 16:43:59	AMISFO	INCREMENTAL	33
<input checked="" type="checkbox"/>	24.01.2006 09:38:20	AMISPLUS	INCREMENTAL	63
<input checked="" type="checkbox"/>	20.01.2006 14:01:08	AMISPLUS	INCREMENTAL	23

*Please, check the checkboxes of downloads that are successfully executed!

Powered by 



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Queries → Email to hospital

From:

AMIS Data Center [mailto:amis@ifspm.uzh.ch]

Dear Dr. X

Pat. ID: xxx (30.08.1954, Male)

26.10.2008

Admission: ~~26.11.2008~~ 13:30

Symptoms: 26.10.2008 9:00

Discharge: 02.11.2008

Kind regards

AMIS Data Center

Be careful

- **Chronology** of dates and times
- **Incompleteness:** Please write unknown in the comment field if data are not available (e.g.: “symptom onset time unknown”, “PCI time unknown”)
- **Avoid double entries** of the same cases!



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AMIS Plus Database

- Merging:
 - Sorted (“Clean”) data
 - Follow-up Data
- Upload to SPSS Server (Internet)
- Online Analysis



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Follow-up

PATIENT FOLLOW-UP	
Was the patient asked about follow-up?	
<input type="radio"/> Yes	<input type="radio"/> No
IF YES: ➔ Did the patient consent? <input type="radio"/> Yes <input type="radio"/> No	IF NO: ➔ Why wasn't the patient asked? <input type="radio"/> Forgot to ask/too little time <input type="radio"/> Communication problem due to: <input type="radio"/> Language <input type="radio"/> Dementia <input type="radio"/> Deafness <input type="radio"/> Other
The patient has given his/her formal consent for the follow-up interview.	
First Name and Family Name of Patient:	_____
•Tel. Nr. of Patient and/or Close Relative:	_____



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Follow-up

1. Incomplete: Phone number = MUST

1.1. Implausible: Name \Leftrightarrow Gender



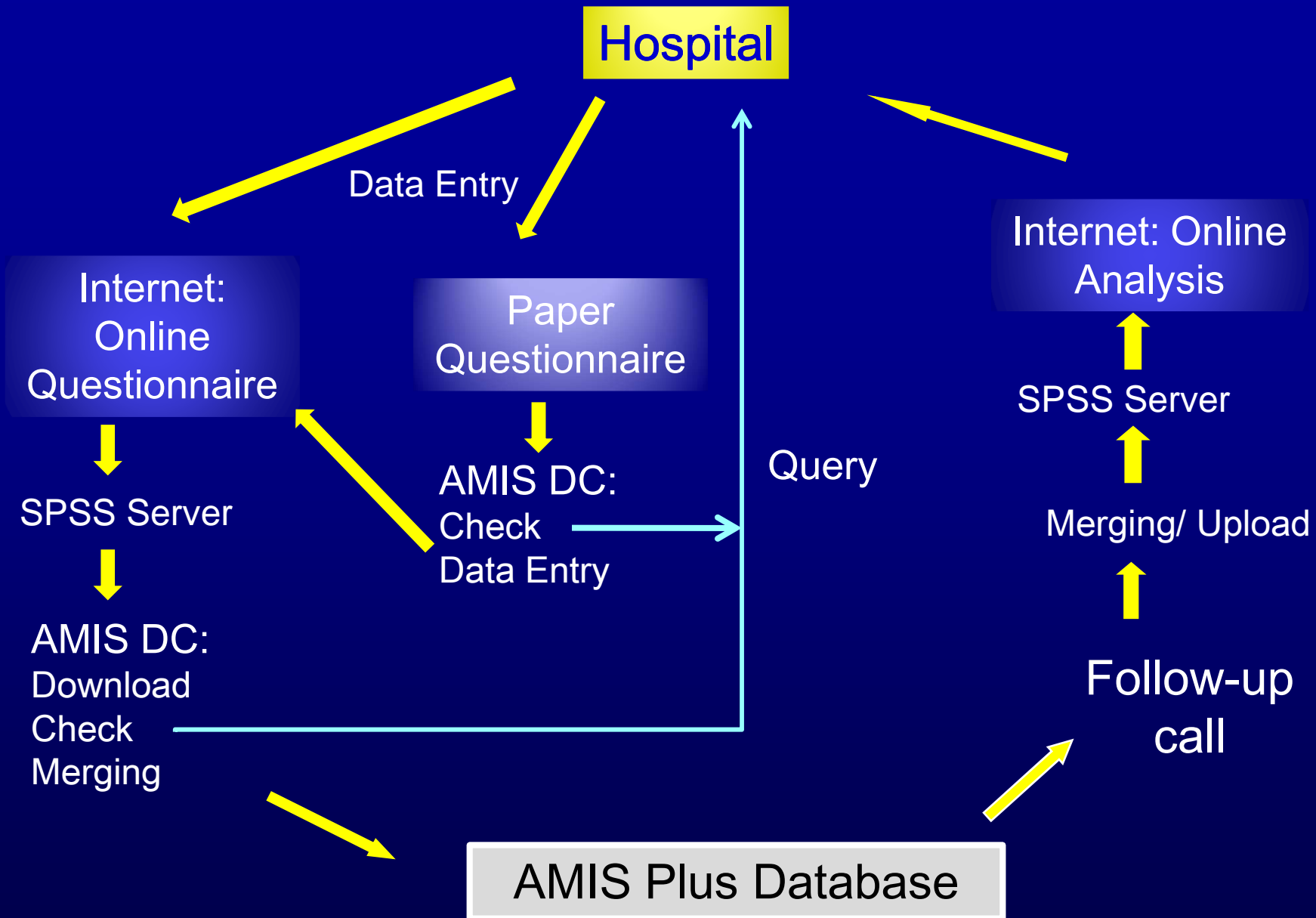
The signed consent form remains in the medical records of the patient.



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Follow-up

Erneute Hospitalisation wegen kardiovaskulärer Erkrankung?

Notfallmässig
 Geplant

In welchem Spital?

Nein

Herzschrittmacher-Implantation?

Ja
 Nein

Defibrillator-Implantation?

Ja
 Nein

Zurück **Weiter** **Stop**

Fehler auf der Seite. Internet 100%

⇒ **Rehospitalisation ?**



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Follow-up

zustandpat - Windows Internet Explorer

https://survey.spss-serv.ch/mr1Web/mr1Web.dll

Google

Suche

Links anpassen

zustandpat

Wie geht es dem Patienten im Alltag im Vergleich zu seinem Leben vor dem Herzinfarkt?

Schlechter

Etwa gleich

Besser

Arbeiten Sie wieder?

Vollzeit

Teilzeit in %

Nein

Kommentar:

pensioniert; Pat. leidet zusätzlich unter Parkinson.

Zurück Weiter Stop

Fertig Internet 100%

⇒ Workload ?



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Additional Projects

Participants can design their own small study

- Define the Aim of the Study (Please contact AMIS Plus!)
 - Define measures (fixed variables)
 - Define outcome (fixed values for answers)
- ⇒ online questionnaire: add variables in the last field of the questionnaire
- ⇒ paper questionnaire: fill out an additional, preprinted page with the variables needed



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Thanks for your attention !



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