



Let's make research fun again.

Bart Torensma (Drs/Phd.c)
Klinische epidemioloog
Anesthesie ass.
Verpleegkundige

3 november 2017

masterclass[®]

Geen standaard masterclass





LTA

Learn

Teach

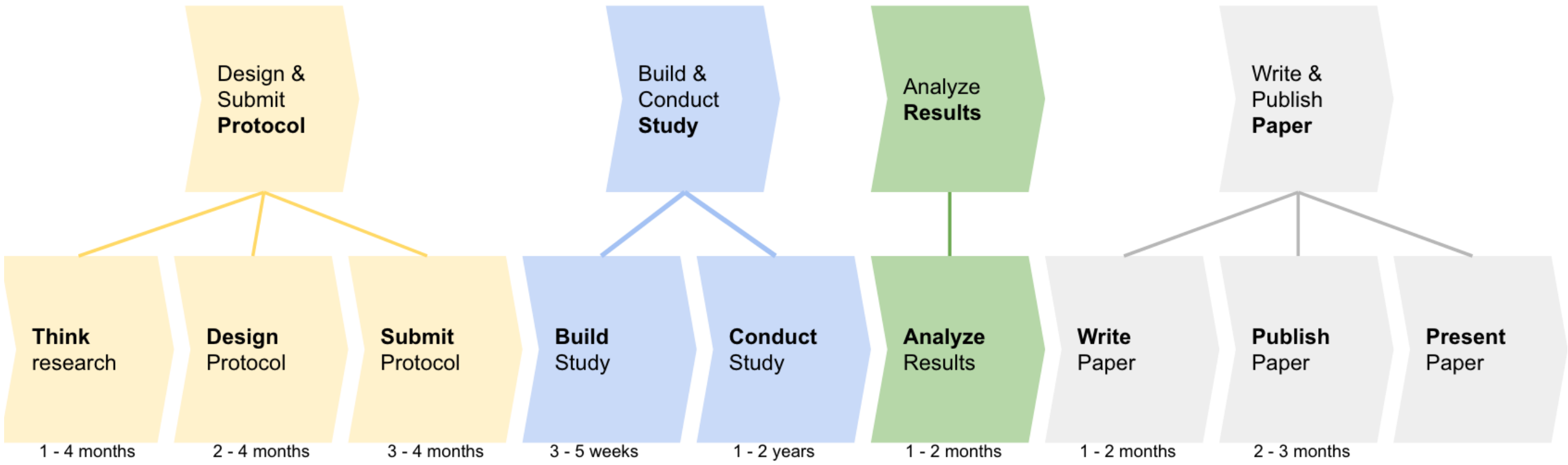
Apply

24 uur, 7 dgn, 2 mnd

Wie gebruikt er nog papieren CRF?

Wie gebruikt er al E-CRF?

De “wetenschapsreis”



Het fundament van je studie?

Structuur
Structuur
Structuur
Structuur
Structuur
Structuur
Structuur

Stel je voor:

A Randomized Double Blind Controlled Trial

3 tijds momenten (operatie kamer, verkoever en afdeling)

N=159

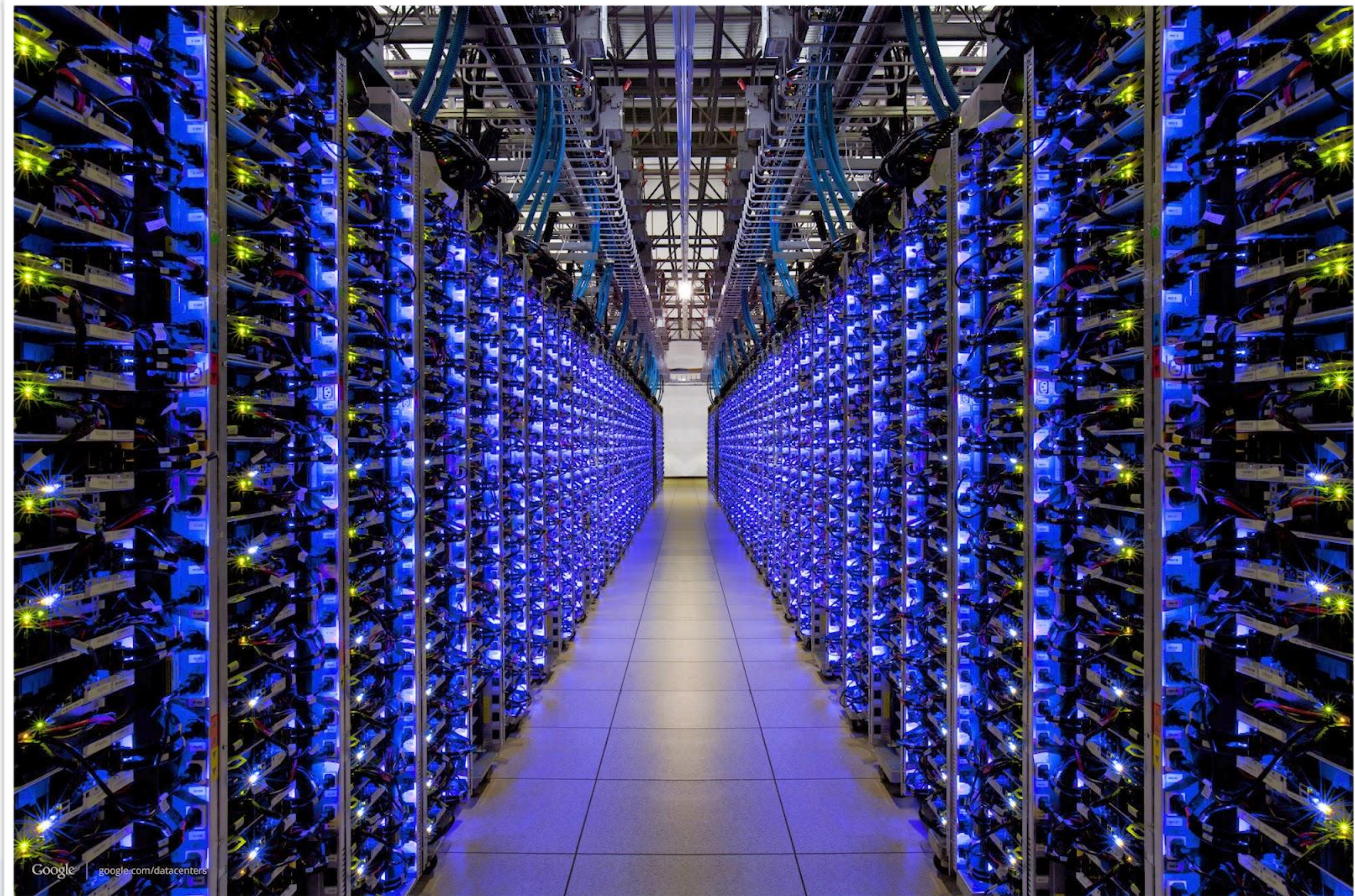
367 individuele variabele

50 pagina's (dubbel bedrukt)

58.353 individuele data punten

Hoe dit eruit ziet in het echt??





De variabele invoeren

Form Builder

Change the fields of your steps, reports and surveys

Print

Study

Reports

Surveys

Field type

Number

Radio buttons

Dropdown

Checkboxes

Date

Year

Time

Calculation

Slider

Remark

Summary

Repeated Measure












































Text

Text (multiline)

Step 1. Inclusion

Phases: Inclusion and randomization















Steps: 1. Inclusion








- ▶ 1.1  **upload** (*upload*)    
- ▶ 1.2 **Does the patient suffer from cardiovascular disea...** (*pat_has_example*)    
- ▶ 1.3 **Is the patient older than 65 years?** (*pat_65*)    
- ▶ 1.4 **Has patient signed informed consent?** (*inc_consent*)    
- ▶ 1.5  Can the patient participate in the study? (*inc_pat_can_part*)    
- ▶ 1.6 **Are there SAEs that need to be reported** (*SAEs*)    
- ▶ 1.6.1 SAE form ()     Shown if question 1.6 is equal to Yes.
- ▶ 1.7 R Randomization group (*Rct*)    
- ▶ 1.8 **Real strata field 1** (*real1*)     Shown if question 2.1 is equal to Male.
- ▶ 1.9  Test ()    

Structuur van bv SPSS
wordt nu al bedacht

De structuur van je
vragen

GEEN “variable view”
nodig in SPSS!

Field type	
	Number
	Radio buttons
	Dropdown
	Checkboxes
	Date
	Year
	Time
	Calculation
	Slider
	Remark
	Summary
	Repeated Measure
	Text
	Text (multiline)

	Randomization
	Upload file
	Image
	Grid
	Date & Time
	Number & Date
	Add Report Button

Edit field 'Gender'

Basic

Data validation

Dependencies

Metadata

Advanced

Position

After field 4. Patient age

Label

Gender

Variable name 

V1_SEX

Choose field type:

Radio buttons

Use this for questions with one answer, e.g. 'yes/no', 'male/female'.

Option group: 


Gender

Edit option group

Required: 

No

Yes

Help/info text 
([help](#))

Preview

Save

Cancel

Van wat de onderzoeker
ziet
tot
wat de statistiek
nodig heeft

Edit an option group

Option group name	<input type="text" value="Gender"/>	
Option group description	<input type="text"/>	
Option Layout	<input type="radio"/> Vertical <input checked="" type="radio"/> Horizontal	
	Option name	Value
	<input type="text" value="Male"/>	<input type="text" value="1"/>
	<input type="text" value="Female"/>	<input type="text" value="0"/>
	<input type="text"/>	<input type="text"/>

Add option

Cancel

Save

INTERMEZZO 1

De mens kan maar beperkte informatie tot zich opnemen

1 min per dia: PPT van 15 min zijn 15 dia's (net 15 dia's gezien)

3 tekst

2 foto

= totaal 5 dia's in 15 min onthouden

66.6% wordt vergeten!!!

33.3% wordt onthouden (#au)

Ik heb de eer om vandaag 30 min te spreken.....dus 16,6% wordt onthouden ;)

NON-actief...



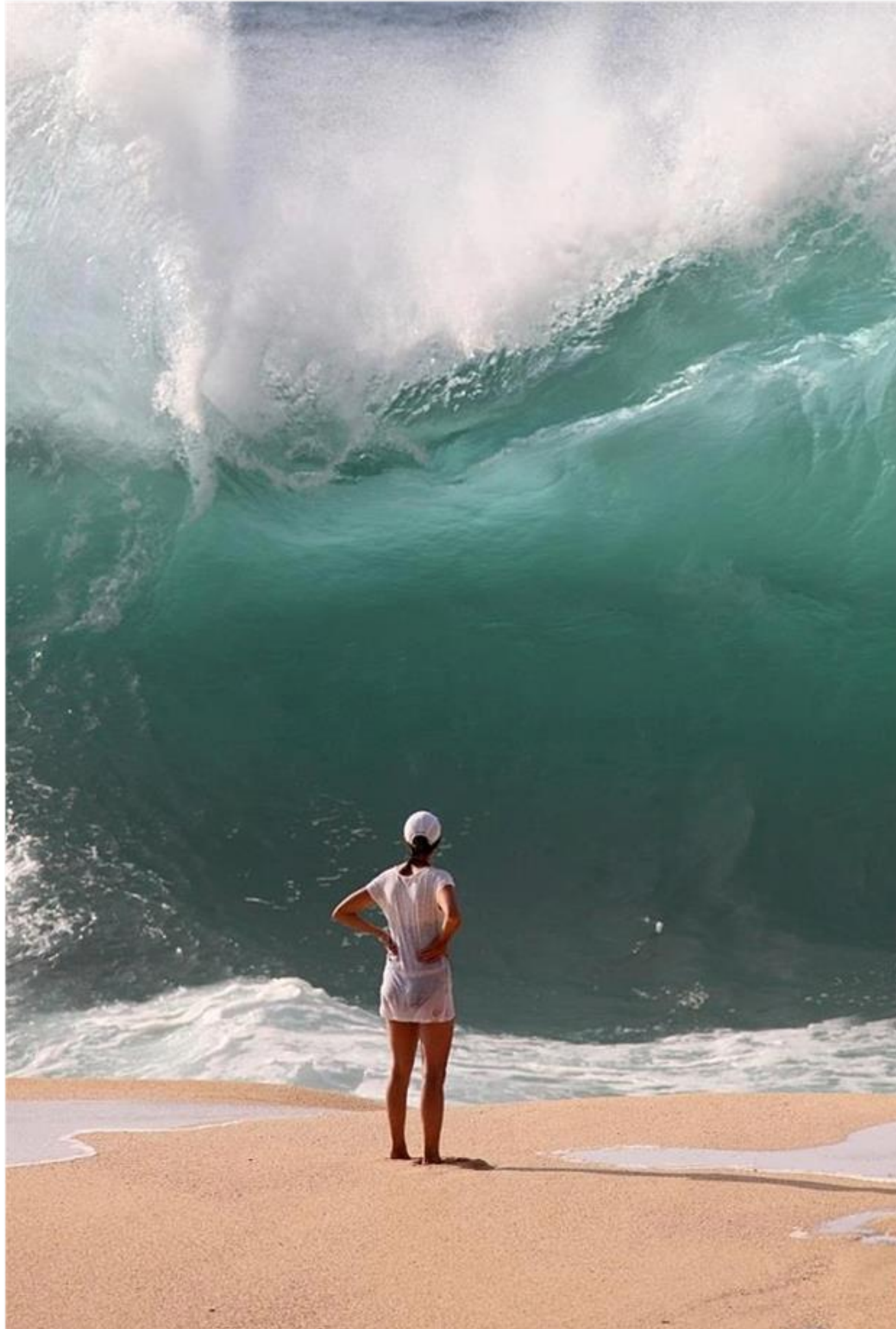


A photograph of the back of a person wearing a dark blue t-shirt. The t-shirt has white text printed on it. The text reads: 'NURSE' in large, bold, sans-serif font. Below it, in a smaller font, is 'noun.(n3-rs)'. At the bottom, in a medium-sized font, is the sentence 'The first person you see after saying "hold my beer and watch this".' The background shows an indoor setting, possibly a hospital or office, with a yellow wall, a light switch, and some papers or notices pinned to the wall.

NURSE

noun.(n3-rs)

The first person you see
after saying "hold my
beer and watch this".

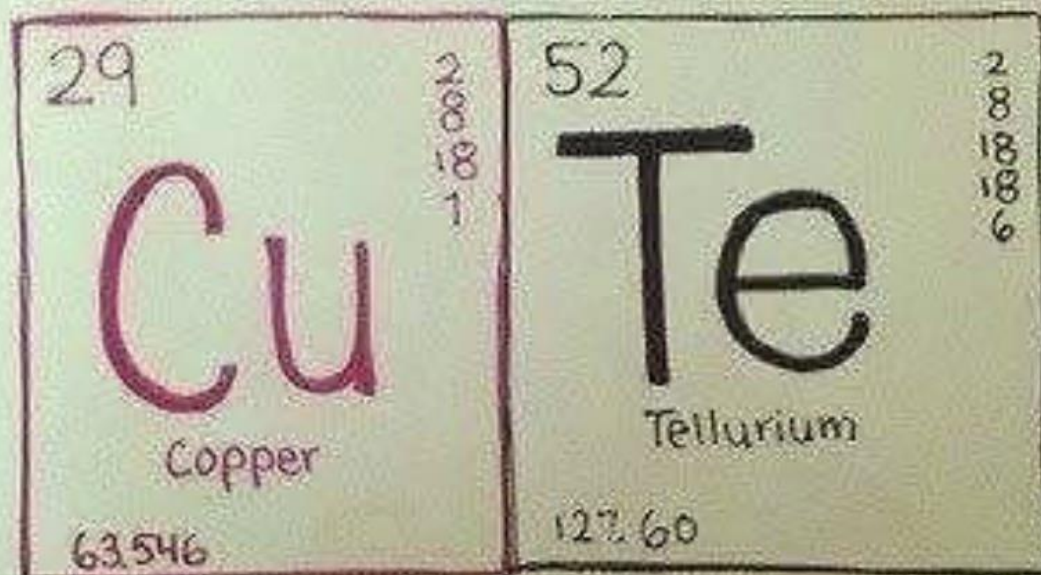




9gag



Are you made of
Copper and Tellurium?
Because you're





dumpert

3u





Hier gaan we weer!

Dependencies

Phases: Inclusion and randomization Steps: 2. Demographics

▼ 2.1 **Gender** (*dem_pat_gender*) ✎ 📄 + ✖

Gender

Male
 Female

▼ 2.1.1 **Is patient pregnant?** (*dem_pat_pregnant*) Shown if question 2.1 is equal to Female. ✎ 📄 + ✖

Is patient pregnant? Yes ⬆

▼ 2.1.1.1 **Months pregnant** (*dem_pat_preg_months*) Shown if question 2.1.1 is equal to Yes. ✎ 📄 + ✖

Months pregnant months

Edit field 'Is patient pregnant?'

Basic

Data validation

Dependencies

Metadata

Advanced

Field is dependent: 

No

Yes

Step of dependency field

1. Inclusion and randomization - 2. Demographics

Dependency on field

2.1. Gender

Field operator:

is equal to





Field value

Female





Save

Cancel





Phases: Inclusion and randomization Steps: 2. Demographics

2.1 Gender (dem_pat_gender)    

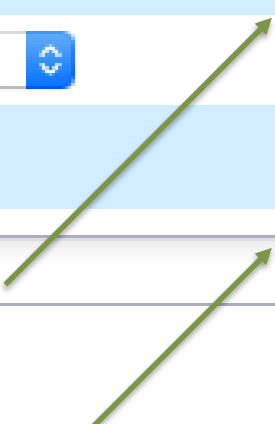
Gender Male Female

2.1.1 Is patient pregnant? (dem_pat_pregnant) Shown if question 2.1 is equal to Female.    

Is patient pregnant? Yes

2.1.1.1 Months pregnant (dem_pat_preg_months) Shown if question 2.1.1 is equal to Yes.    

Months pregnant months



Validiteit

2 soorten validatie

Edit field 'Months pregnant'

Basic

Data validation

Dependencies

Metadata

Advanced

Position

After field 1.1. Is patient pregnant?

Label

Months pregnant

Variable name 

dem_pat_preg_months

Choose field type:

Number

Required: 

No

Yes

Lower and upper limits: 

0

10

The above limits will generate errors (when exceeded), which cannot be overruled.

Field width 

Measurement unit 

months

Help/info text 
([help](#))

Preview

Validatie 1


Save


Cancel

Validatie 2


Edit field 'Months pregnant'


Basic | **Data validation** | Dependencies | Metadata | Advanced

If this field is: greater than 

Show a: Message 

Message:

If this field is: greater than 

Show a: Warning 

Message:

We zijn klaar met bouwen

Voeg je gebruikers toe

Zet je studie op live

En GO!

Record no.

110001

Progress



I. Demographics

Warning: This record was locked!

operation room

1. Demographics

- 2. T=0
- 3. SRS_T10
- 4. SRS_T20
- 5. SRS_T30
- 6. SRS_T40
- 7. SRS_T50
- 8. SRS_T60
- 9. End of surgery
- 10. Reversal start
- 11. Reversal 1 min
- 12. Reversal 2 min
- 13. Reversal 3 min
- 14. Reversal 4 min
- 15. Total dose per ok medicine

post operative PACU

post operative WARD

1.1	recruitment number	<input type="text" value="110001"/>	
1.2	start bliss 3.0	<input type="text" value="19-02-2016"/> (dd-mm-yyyy) <input type="text" value="11:00"/> (hh:mm)	
1.3	date of birth	<input type="text" value="03-05-1979"/> (dd-mm-yyyy)	
1.4	gender	<input type="radio"/> Male <input checked="" type="radio"/> Female	
1.5	weight	<input type="text" value="106"/> kg	
1.6	length	<input type="text" value="163"/> cm	
1.7	BMI	39.9 kg/cm ²	
1.8	pre op blood pressure systolic_POS	<input type="text" value="131"/> mmHG	
1.9	pre op blood pressure diastolic_POS	<input type="text" value="94"/> mmHG	
1.10	pre op heart rate	<input type="text" value="79"/> beats/min	
1.11	known or suspected neuromuscular disorders?	<input type="radio"/> yes <input checked="" type="radio"/> no <input type="radio"/> unknown	
1.12	known allergies to muscle relaxants,	<input type="radio"/> yes	

[← Back to the record list](#)

[Previous](#)

[Next](#)

Begeleid je onderzoekers

Iedereen heeft een “wat zit er in voor mij” gevoel.

Waarom moet ik mee doen.

Ik heb het al zo druk

Dit werkt toch niet

Ik ben moe....

Hoe aan te pakken

Zorg voor goede basis handleiding met plaatjes

Begin vroeg met introduceren (hakken in het zand syndroom)

Wie kunnen ze bellen/mailen

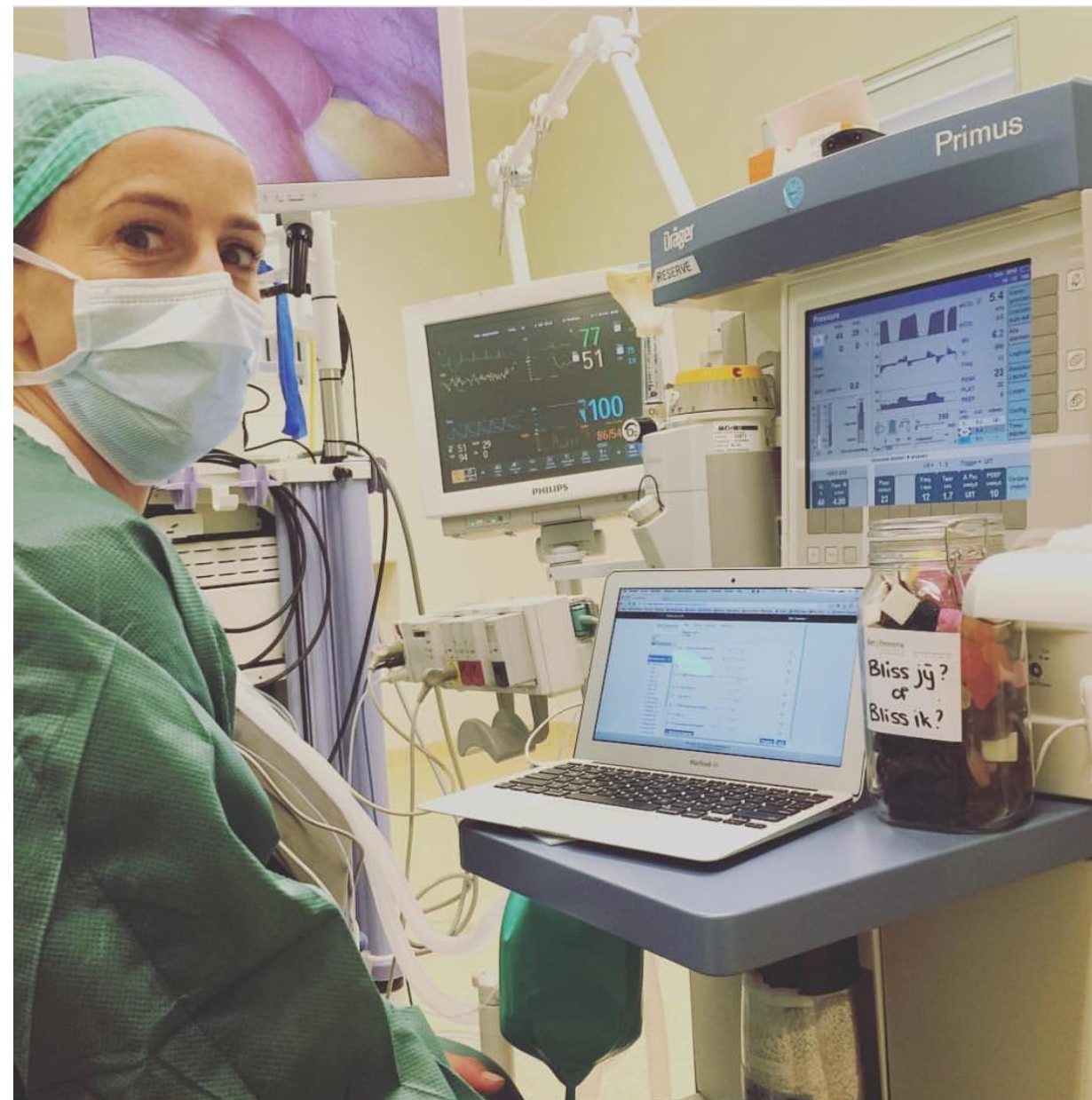
Zorg voor updates gedurende studie



Foto



btorensma



Zorg voor een
continue
bekendheid en
tricker



saskiavanwestbroek, beatrijsvermeulen en 6 anderen vinden dit leuk

btorensma BLISS studie 1 maand onderweg #blissjijofblissis #campagne #topteam

Alle 6 reacties bekijken

1 OCTOBER 2015



**KEEP
CALM
AND
RESEARCH
ON**