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Can we save time and money?

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1:8

4

≤10

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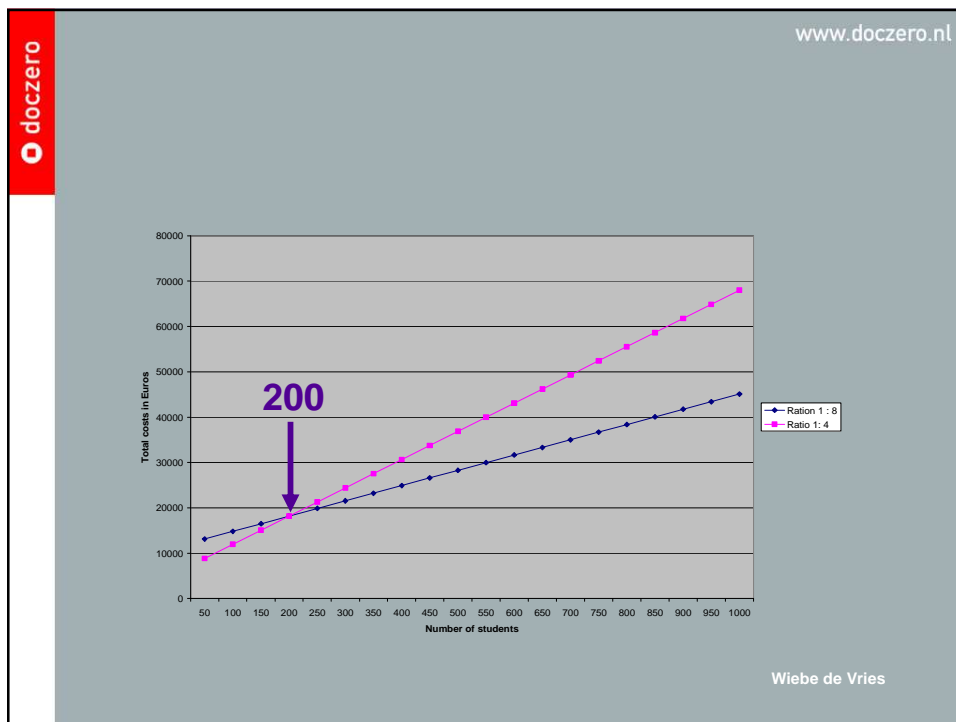
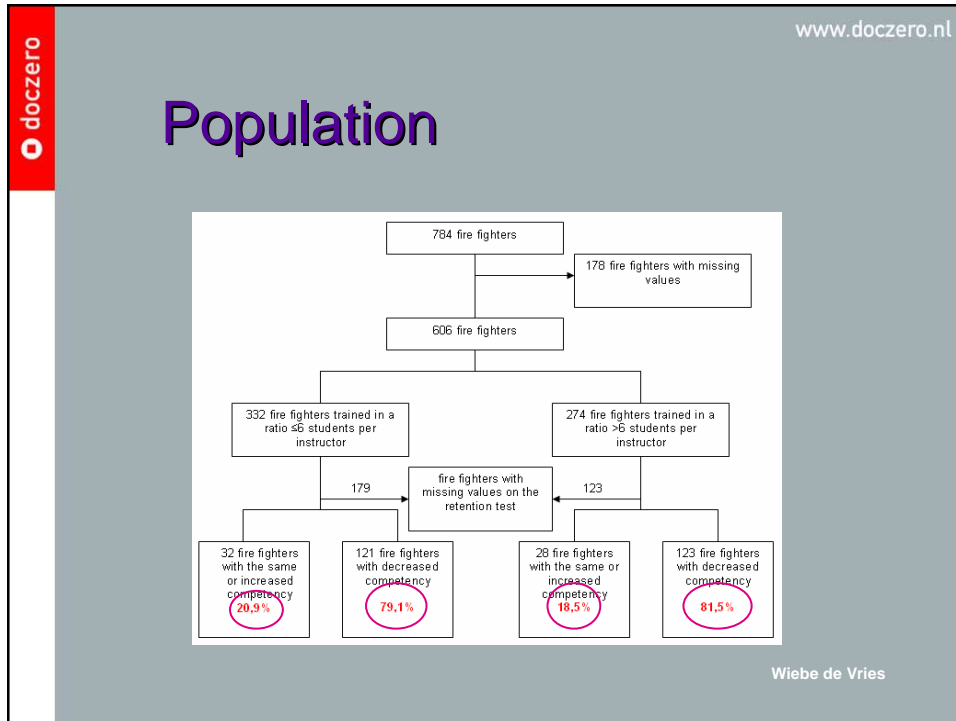
Design

BLS-assessment BLS/AED-assessment BLS/AED-assessment

Initial course No interventions

3h 6 mths

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Significant differences BLS

	Comparing post-test method A with B		Comparing retention test method A with B	
	F	p	F	p
Ventilation correct	13.9	.00	2.0	.16
Ventilation too high volume	4.7	.03	5.7	.02
Ventilating the stomach	6.3	.01	5.3	.02
Compression too profound	4.1	.04	.6	.46

Ventilation

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Significant differences AED

	Comparing post-test method A with B		Comparing retention test method A with B	
	F	p	F	p
Safety	6.0	.02	.0	.92
Workspace	8.2	.00	.1	.70
Position of electrodes	6.0	.01	.3	.60
Clearing before shock	11.0	.00	6.0	.02

Clearing before shock

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Ventilation

High decrease of retention for

The Utstein Formula of Survival

Medical Science x Educational Efficiency x Local Implementation = Survival

1994;23(5):1003-8.

- ◆ We have to change the technique or the training principles both
- ◆ Woollard M, Whitfield R, Smith A, et al. Skill acquisition and retention in automated external defibrillator (AED) use and CPR by lay responders: a prospective study. Resuscitation 2004;60:17-28.

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Clearing before shock

- ◆ Repetition strengthens learning skills:
Seeing something \rightarrow the larger the group

Example

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Can we save time and money?

- ◆ Yes but we have to work on the training of ventilation skills

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Thank you.

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