



# Apheresis Education

## for nurses/operators and physicians

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Blood and Beyond

## Development of course by:

### Nurses and Physicians from:

- Austria
- Belgium
- France
- Italy
- Netherlands
- Spain
- Sweden
- Switzerland
- United Kingdom
- United States of America

Apheresis Nurses / Operators &  
Physicians



**Joint Task Force for Apheresis  
Education and Certification**



**European Society for  
Haemapheresis and Haemotherapy**

# Apheresis course → Theory



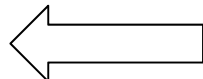
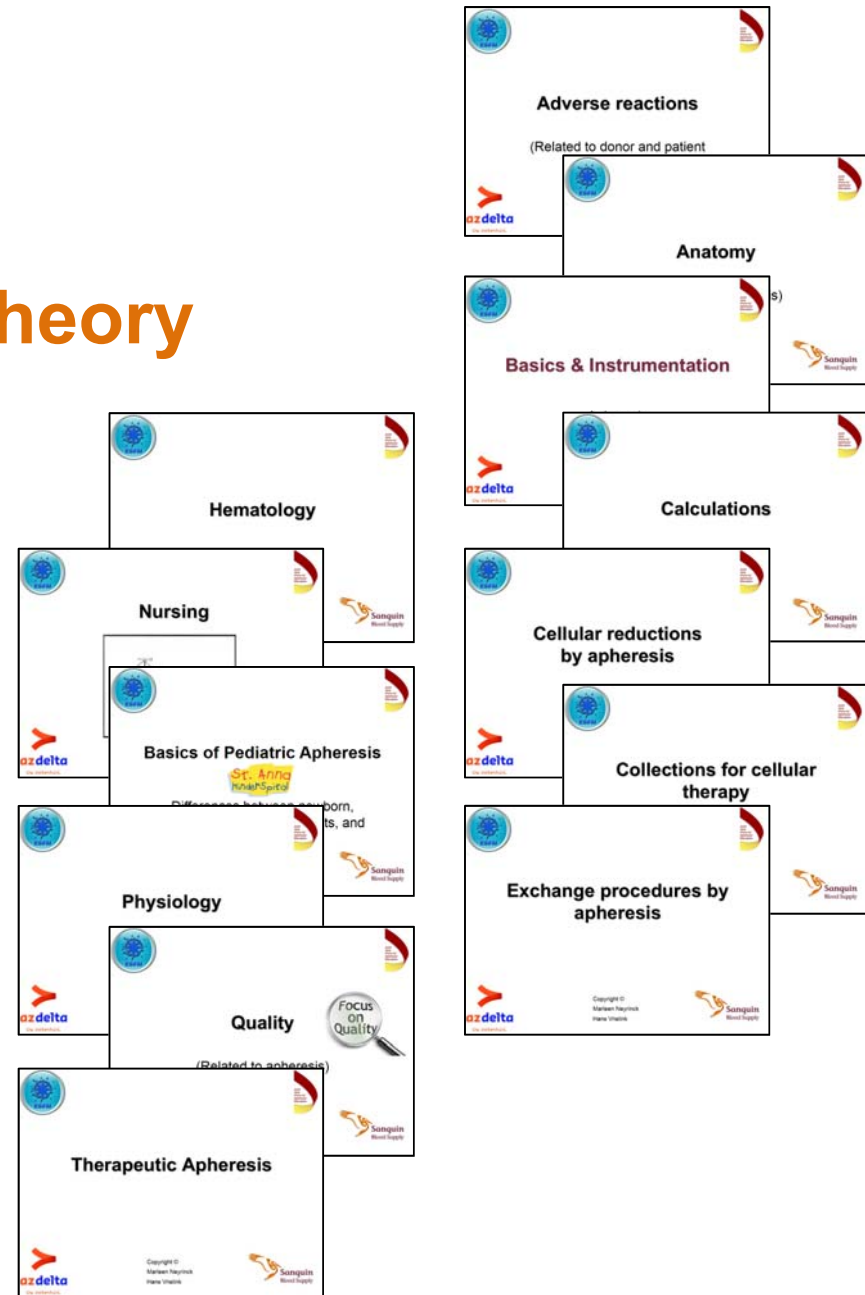
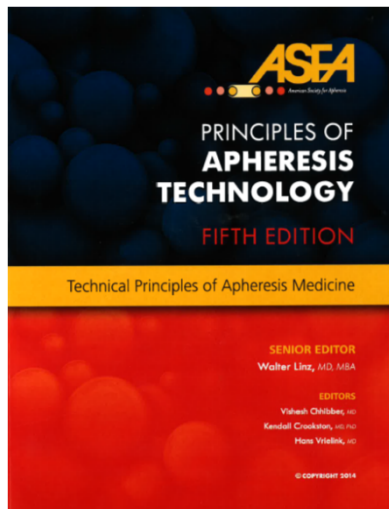
## JTFAEC

- Learning objectives in all area's

Adverse reactions	Anatomy
Basic apheresis knowledge	Calculations
Cell reductions	Cell collections
Exchange procedures	Hematology
Nursing	Physiology
Pediatrics	Quality

## Marleen Neyrinck & Hans Vrieling

- Complete course



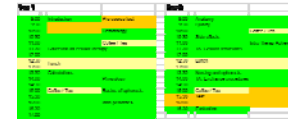
# Agenda

Day 1			Day 2		
9:00	Introduction	Pre-course test	9:00	Anatomy	
9:30			9:30	Quality	
10:00		Hematology	10:00		Coffee / Tea
10:30			10:30	Side effects	
11:00		Coffee / Tea	11:00		Intro Therap Apheresis
11:30	Collection for cellular therapy		11:30	TA: Cellular reductions	
12:00			12:00		
12:30	Lunch		12:30	Lunch	
13:00			13:00		
13:30	Calculations		13:30	Nursing and apheresis	
14:00		Physiology	14:00	TA: Exchange procedures	
14:30			14:30		
15:00	Coffee / Tea	Basics of apheresis	15:00	Coffee / Tea	
15:30			15:30	Test	
16:00		Intro pediatrics	16:00		
16:30			16:30	Evaluation	
17:00					

## Train-the-trainer course

### 9 days

- 2 days course for potential trainers
- 2 days self study potential trainers
- 2 days original trainers & new trainers
- 2 days course by new trainers (supervised by original trainers)
- 1 day evaluation



Nov 1	Nov 2
1	1
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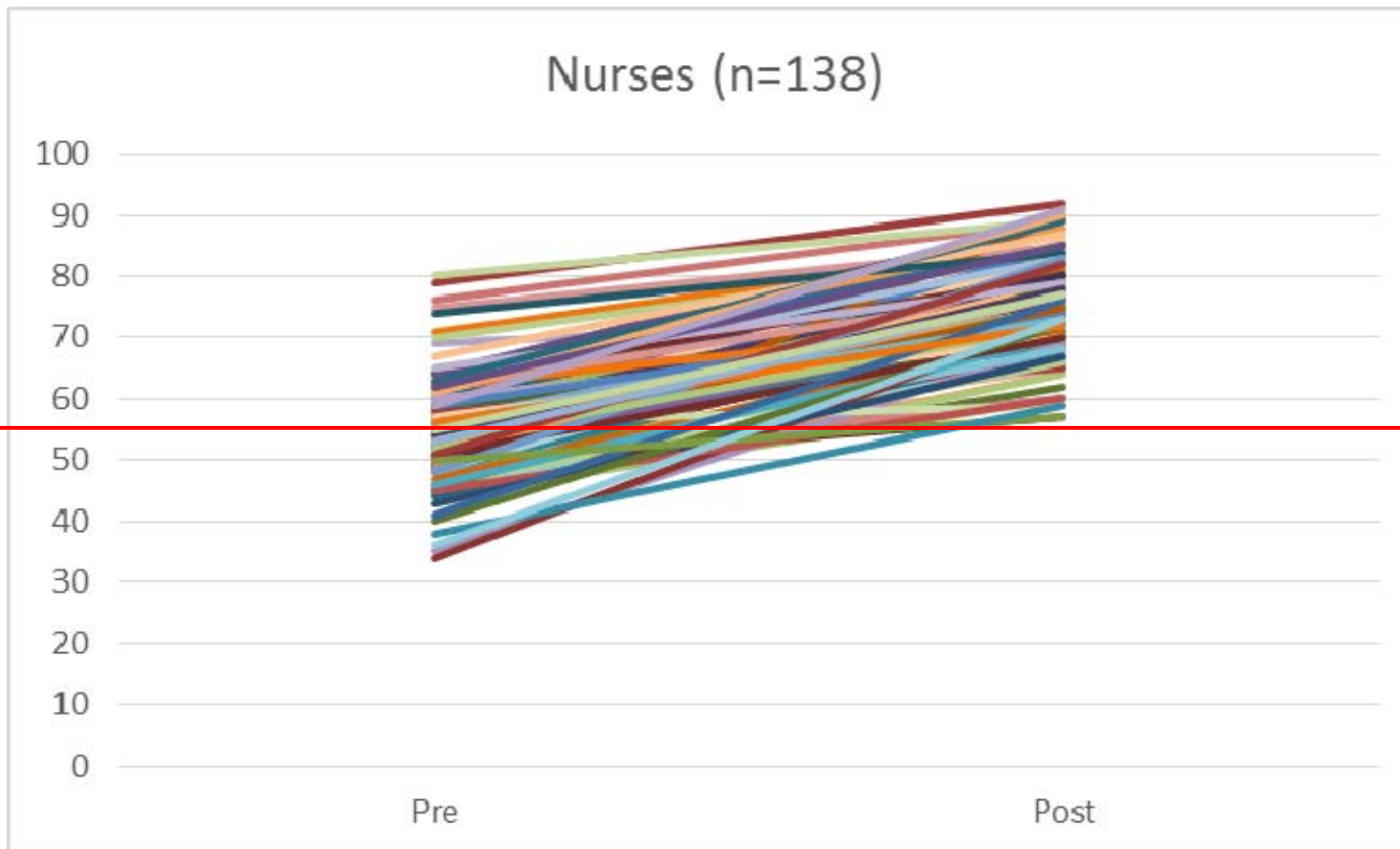
## **Courses (December 2013 – May 2015)**

<u>Country</u>	<u>Nurses / Operators</u>	<u>Physicians</u>
• Indonesia (2x)	138	107
• Belgium		
• Netherlands (5x)		
• Austria		
• South Africa (2x)		

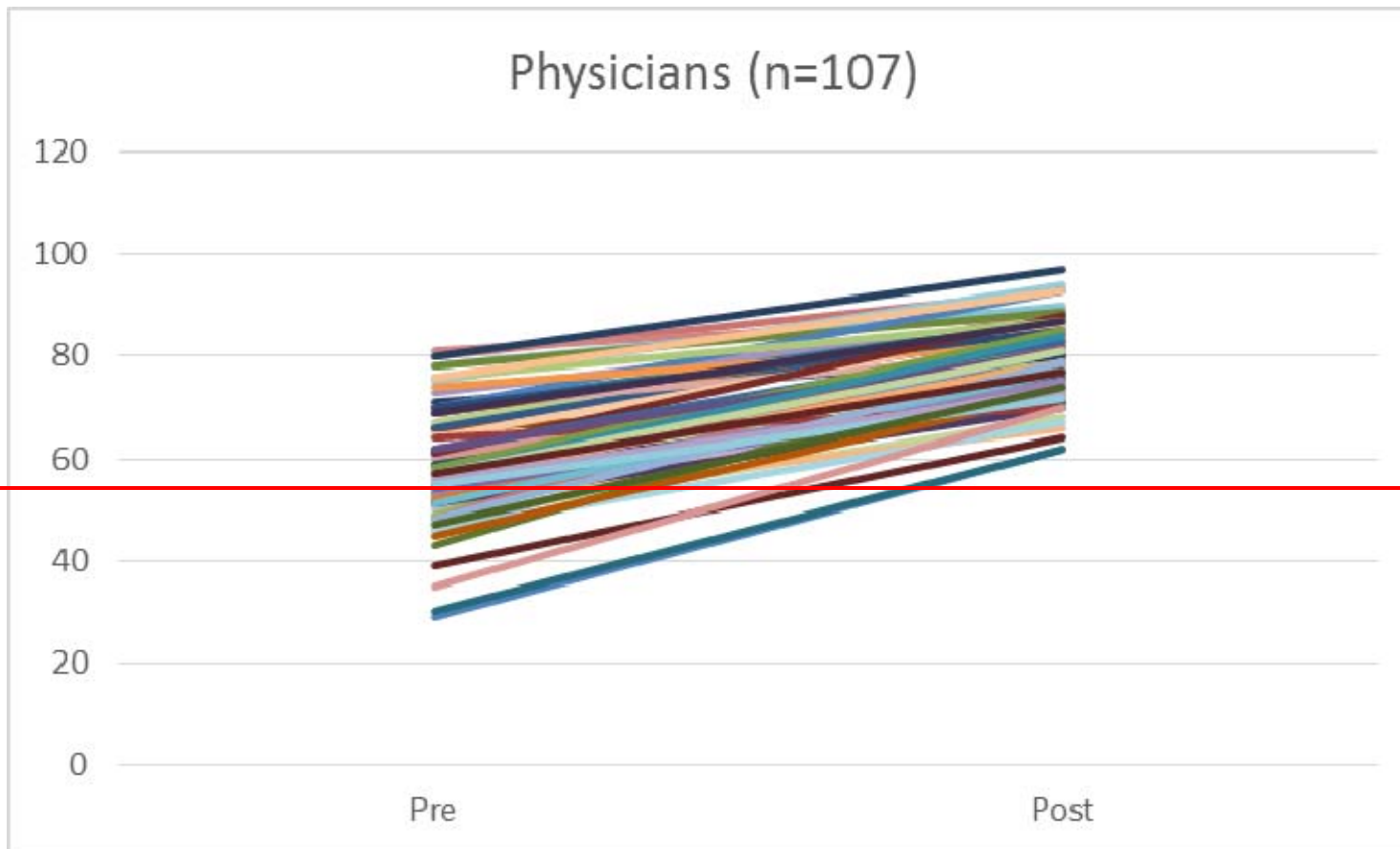
**Austria, Belgium, Cambodia, Italy, Indonesia, the Netherlands, Singapore, South Africa, Spain, Sweden, Switzerland, UK, USA**

(and some separate lessons in Belgium, Indonesia, Italy, Malaysia, the Netherlands, Switzerland, USA)

## Results: Nurses / Operators

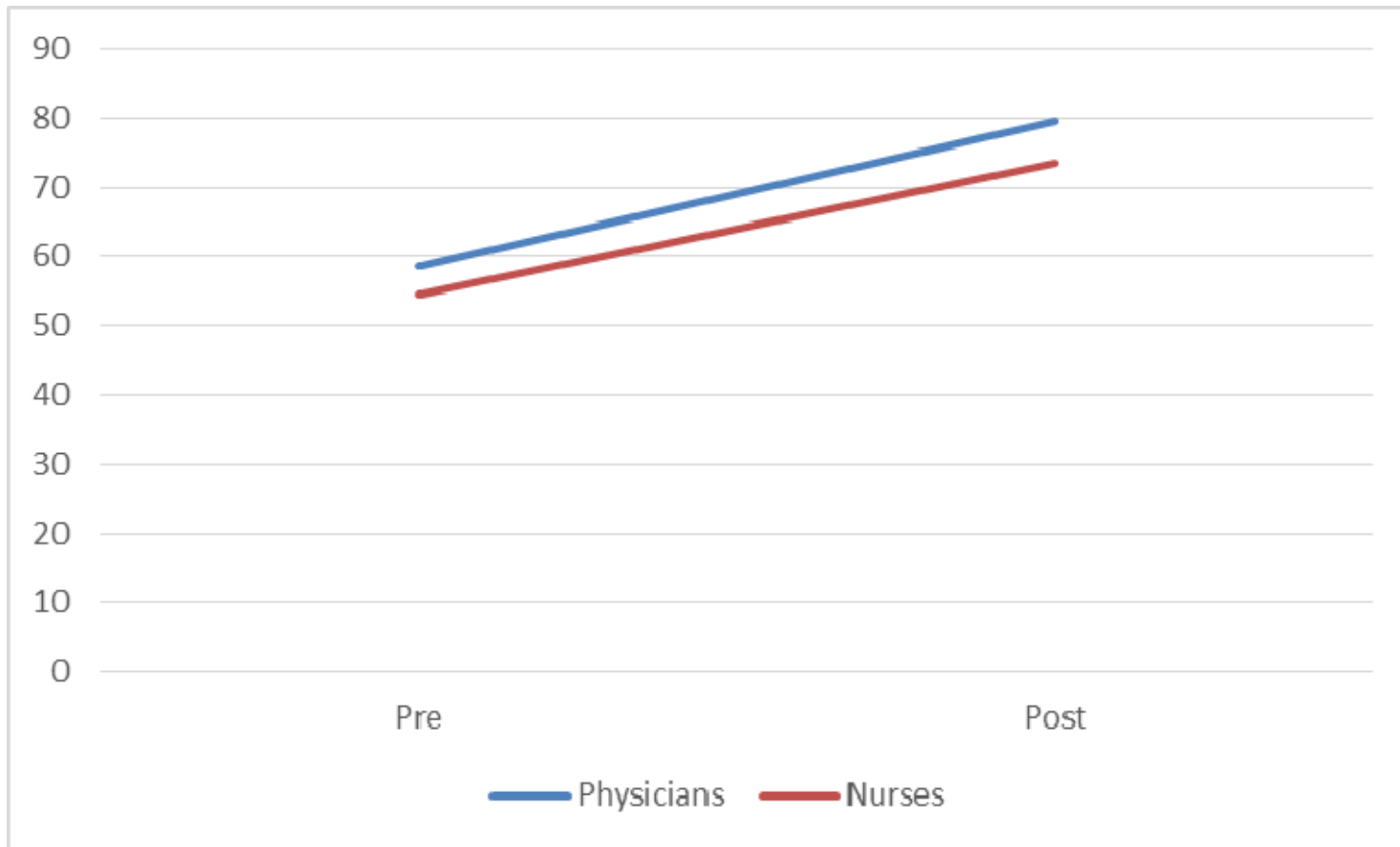


## Results: Physicians



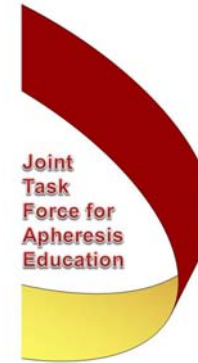


## Nurses and Physicians



## In conclusion

- Learning objectives for course
- Useful course for nurses and physicians in apheresis
- All participants showed significant increase of knowledge
- Potentially available in all languages



Working Party on Apheresis

