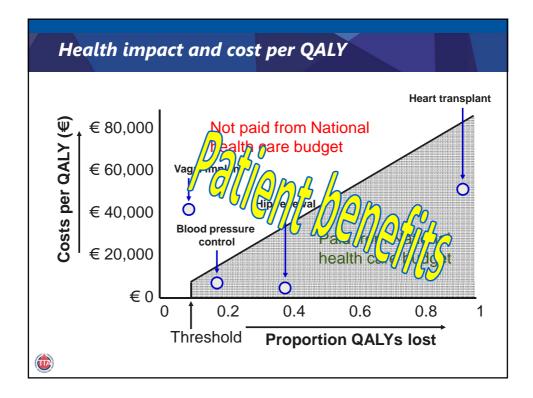
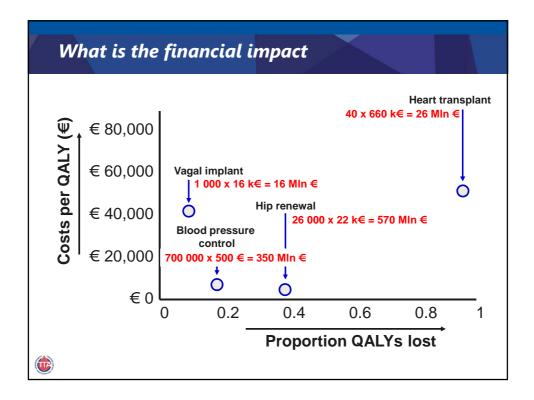
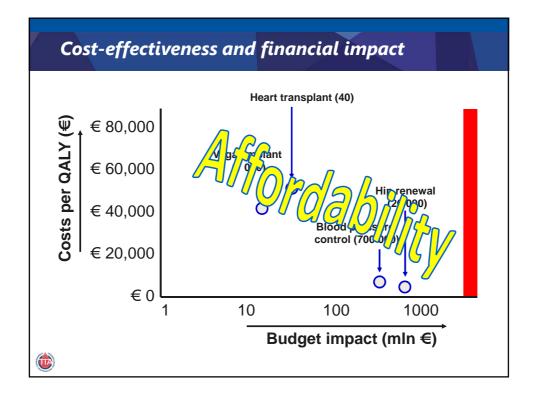
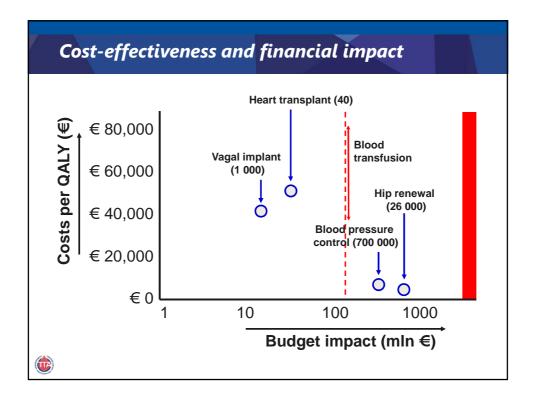


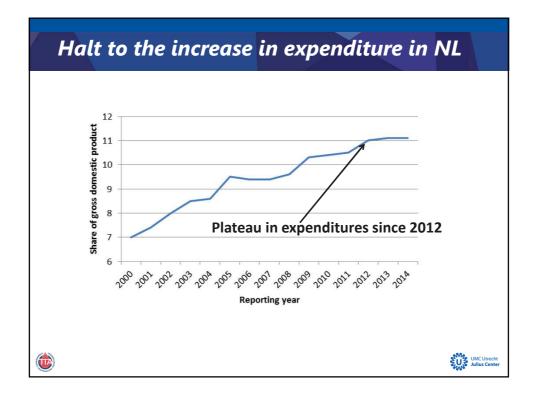
Country	Currency	Threshold local currency	Threshold in € per QALY
US	USD	50 000-100 000	36 600-73 200
Sweden	SEK	500 000	54 000
UK	GBP	30 000	44 500
Australia	AUSD	42 000-76 000	26 200-47 400
Canada	CND	20 000-100 000	13 700-68 700
The Netherlands	EURO	20 000-80 000	20 000-80 000
New Zealand	NZD	20 000	11 200
World Bank proposes th prosperity of the country		up to 3 times the GDP, in	dependent of

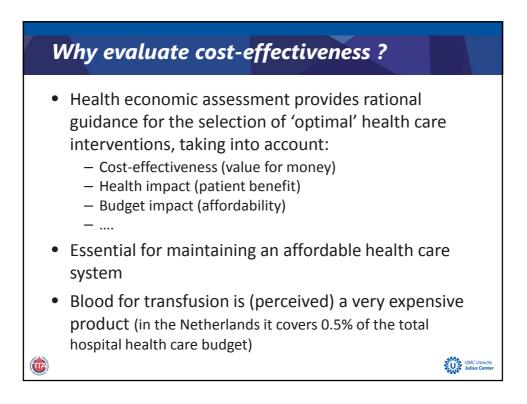


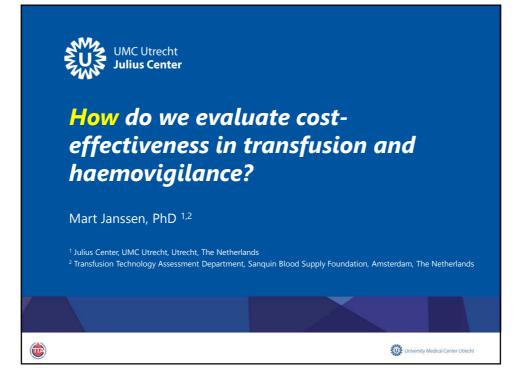


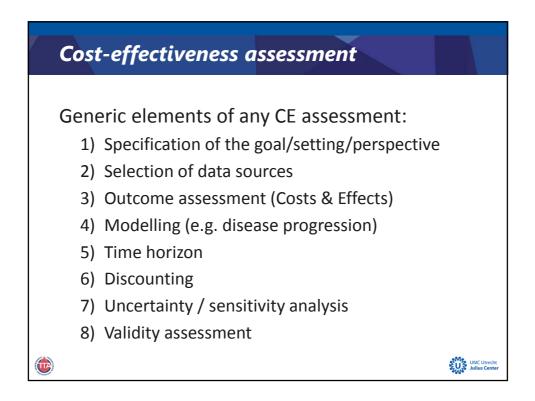


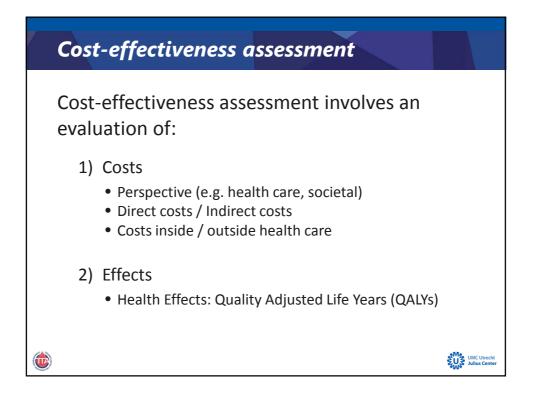


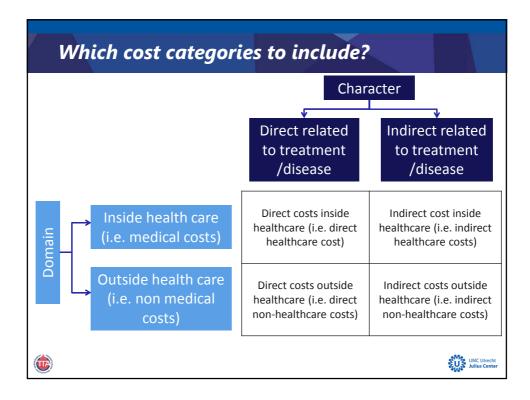


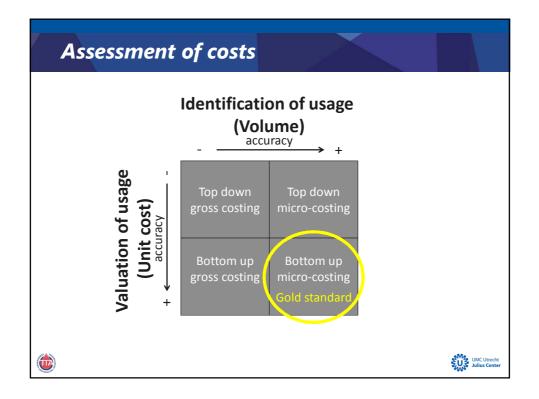


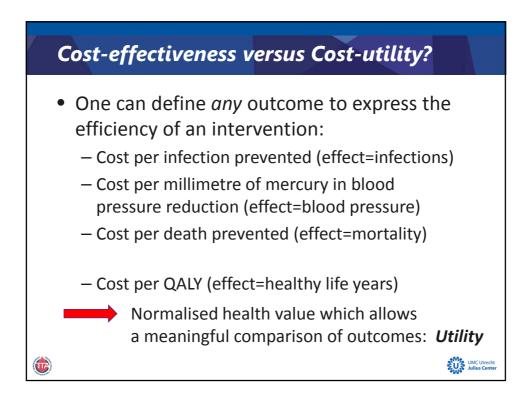


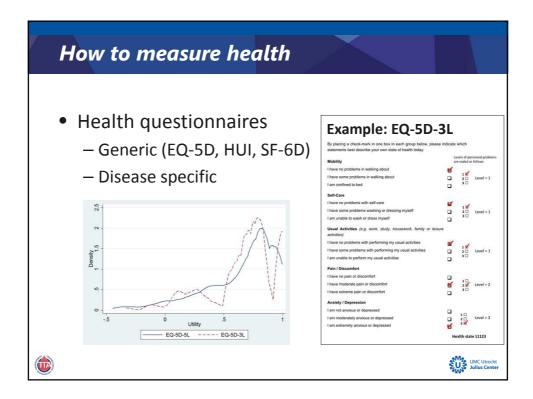


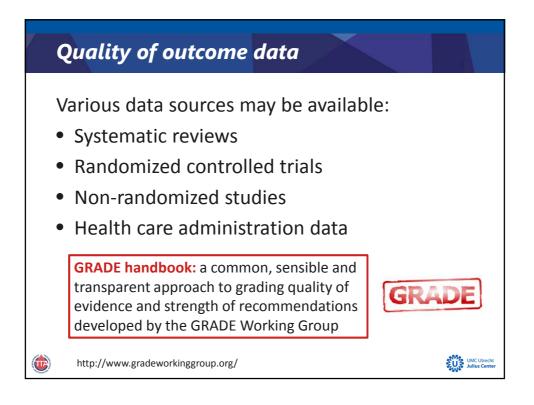


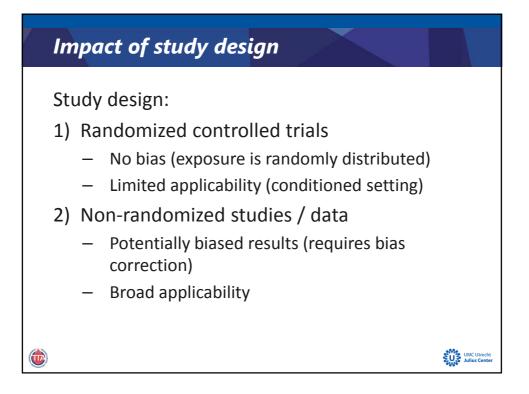


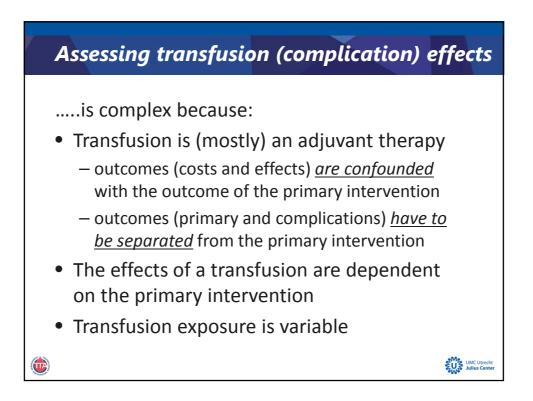


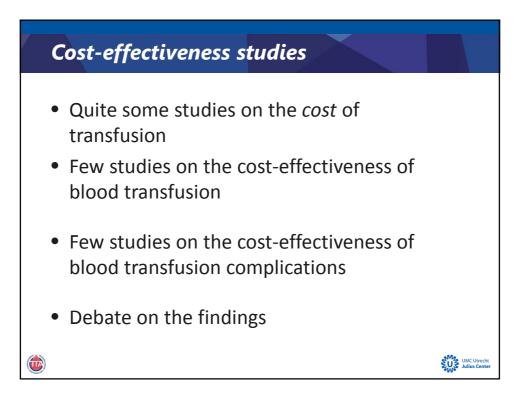


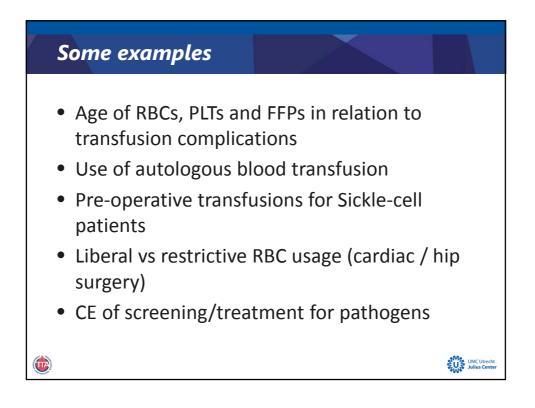


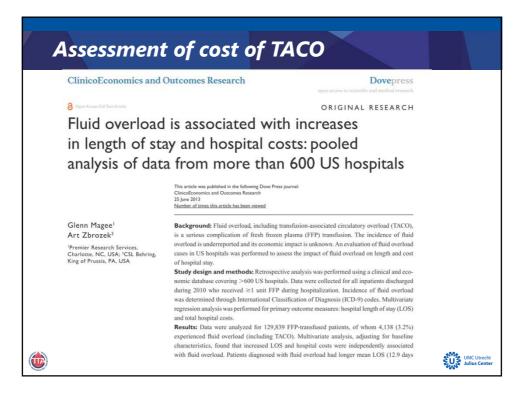








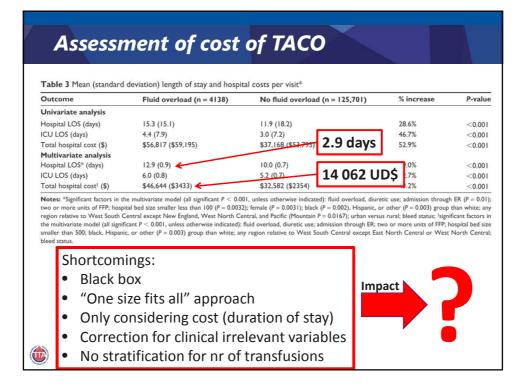




## Assessment of cost of TACO

Characteristic	Fluid overload (n = 4138)	No fluid overload (n = 125,701)	P-value
Age			
Mean (SD), years	64 (17.5)	65 (19.7)	0.002*
<18, n (%)	99 (2.4%)	4415 (3.5%)	<0.001
18 to 39, n (%)	255 (6.2%)	8209 (6.5%)	
40 to 64, n (%)	1547 (37.4%)	40,398 (32.1%)	
65 to 79, n (%)	1536 (37.1%)	42,825 (34.1%)	
≥80, n (%)	701 (16.9%)	29,854 (23.8%)	
Admission type, n (%)			< 0.001
Surgical	2606 (63.0%)	57,145 (45.5%)	
Medical	1532 (37.0%)	68,556 (54.5%)	
Emergency department admit, n (%)			<0.001
No	3086 (74.6%)	79,728 (63.4%)	
Yes	1052 (25.4%)	45,973 (36.6%)	
Bleed status, <sup>c</sup> n (%)			< 0.001
No	3075 (74.3%)	77,729 (61.8%)	
Yes	1063 (25.7%)	47,972 (38.2%)	

	Fluid overload (n = 4138)	No fluid overload (n = 125,701)	P-value
Major diagnostic			< 0.001
categories, <sup>d,e</sup> n (%)			
Circulatory system	1650 (39.9%)	28,649 (22.8%)	
Digestive system	526 (12.7%)	22,964 (18.3%)	
Infectious and parasitic DDs	381 (9.2%)	11,171 (8.9%)	
Hepatobiliary system and pancreas	368 (8.9%)	10,419 (8.3%)	
Respiratory system	224 (5.4%)	8426 (6.7%)	
Musculoskeletal system and connective tissue	213 (5.1%)	9953 (7.9%)	
Kidney and urinary tract	169 (4.1%)	4631 (3.7%)	
Nervous system	142 (3.4%)	10,165 (8.1%)	
Diuretic use			< 0.001
(≥I days), <sup>c</sup> n (%)			
No	15.0%	39.3%	
	85.0%	60.7%	



Transfusion-associated Circulatory overload complications	Severity grade 2, 3 or 4	Severity grade 0-1	Costs (€
Exclusion of administrative errors (%)			
Haemolysis Investigation (%)			
Blood group serology investigation (%)			
Bacteriology (%)			
Chest X-ray (%)			
HLA investigation (%)			
Longer hospital stay (in days)			
Admission to ICU (in days)			
Extra nurse time (minutes)			
Hemovigilance co-worker time (minutes)			
Extra doctor time (minutes)			0.10.10.10.10.10.10.10.10.10.10.10.10.10
Administration of diuretics			
Other			

Transfusion-associated Circulatory overload complications	Severity grade 2, 3 or 4	Severity grade 0-1	Costs (€)
Exclusion of administrative errors (%)	83	75	
Haemolysis Investigation (%)	27	28	
Blood group serology investigation (%)	27	28	
Bacteriology (%)	15	15	
Chest X-ray (%)	78	48	
HLA investigation (%)	6	6	
Longer hospital stay (in days)	1.0	0.0	
Admission to ICU (in days)	1.2	0.0	
Extra nurse time (minutes)	62	28	
Hemovigilance co-worker time (minutes)	57	41	
Extra doctor time (minutes)	41	17	
Administration of diuretics	100%	100%	
Hemovigilance co-worker time (minutes)	57	41	
Administration of diuretics	100%	100%	

