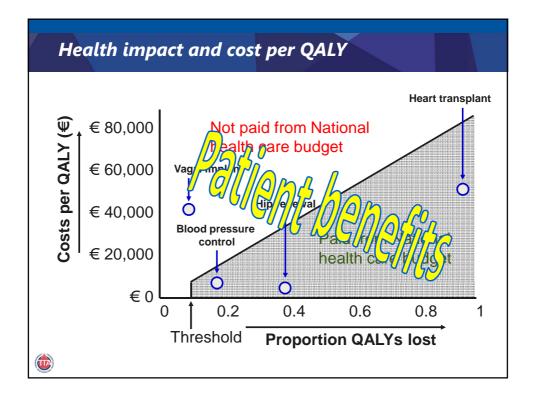
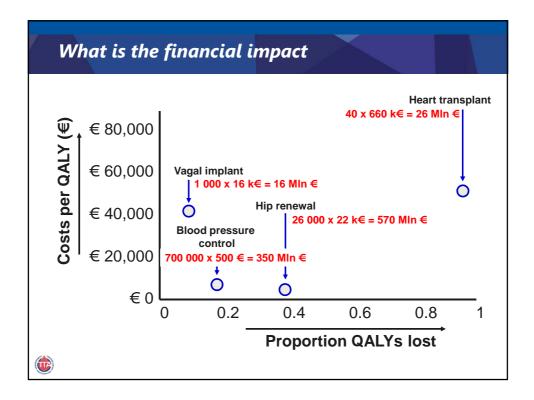
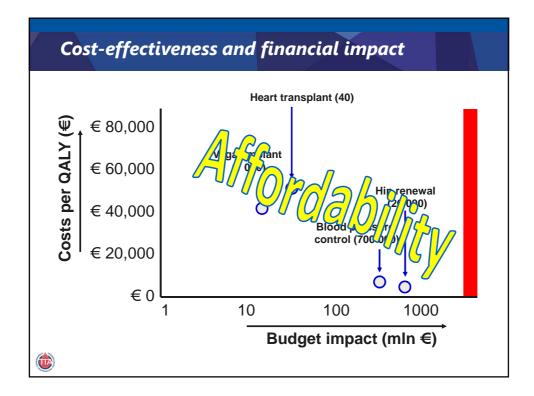
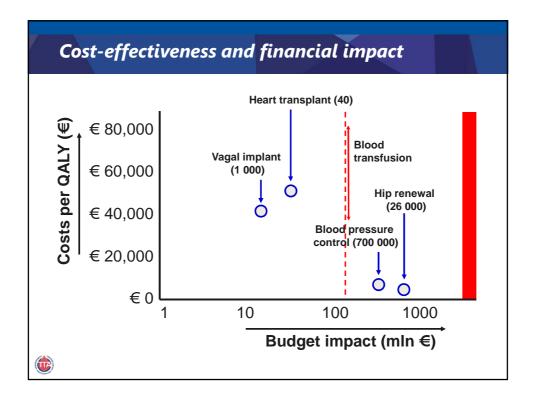


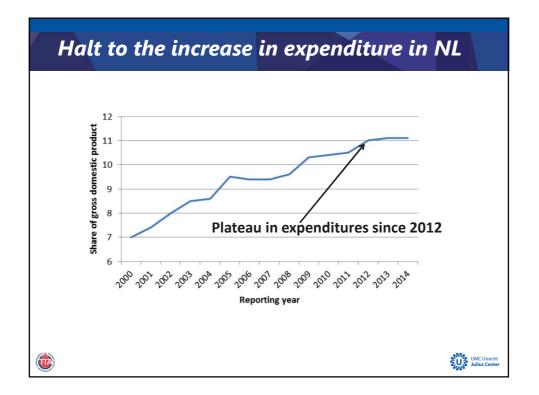
| Country | Currency | Threshold local currency | Threshold in € per QALY |
|---|----------|-----------------------------|----------------------------|
| US | USD | 50 000-100 000 | 36 600-73 200 |
| Sweden | SEK | 500 000 | 54 000 |
| UK | GBP | 30 000 | 44 500 |
| Australia | AUSD | 42 000-76 000 | 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 |

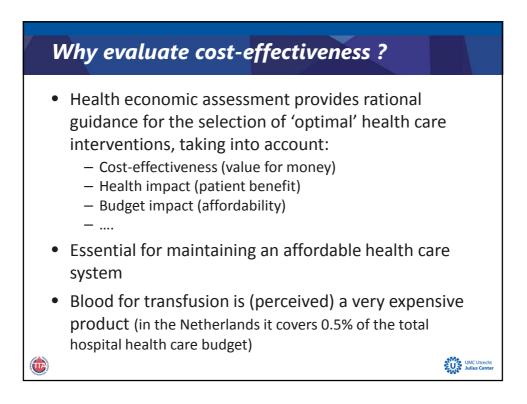


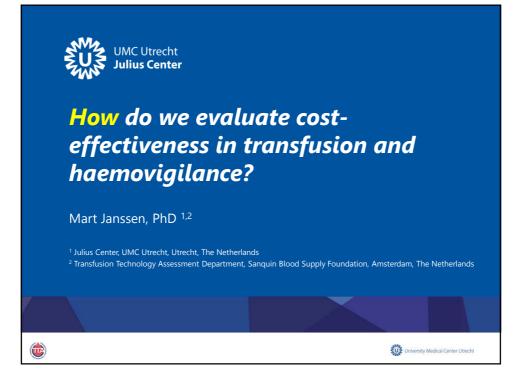


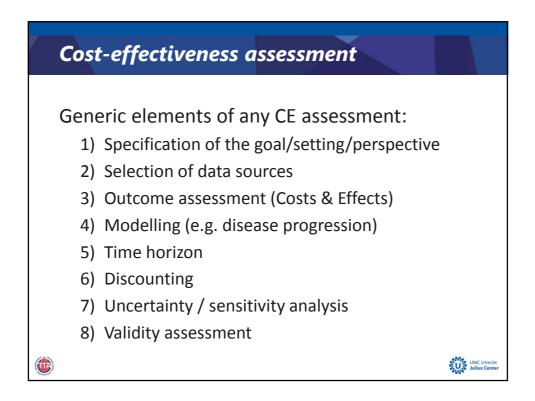


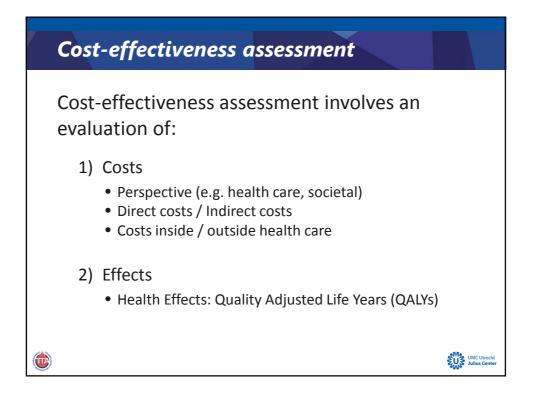


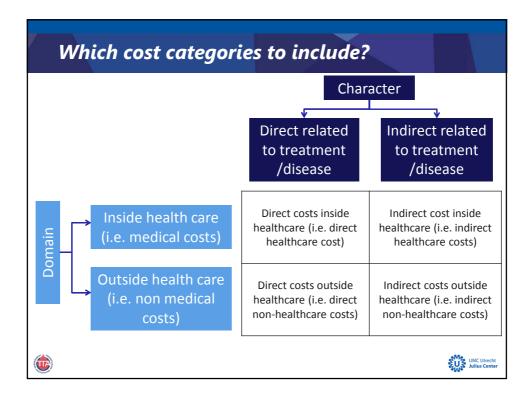


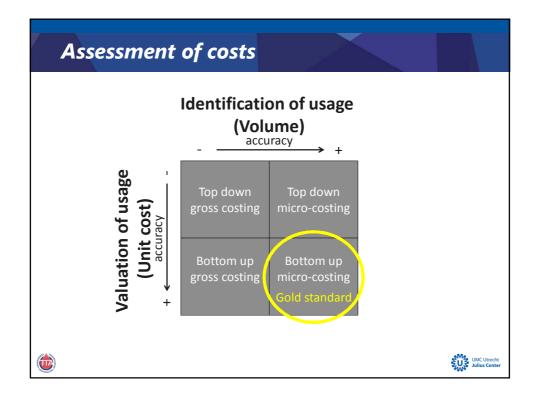


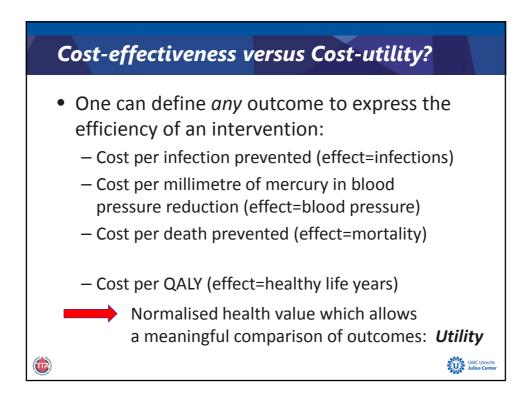


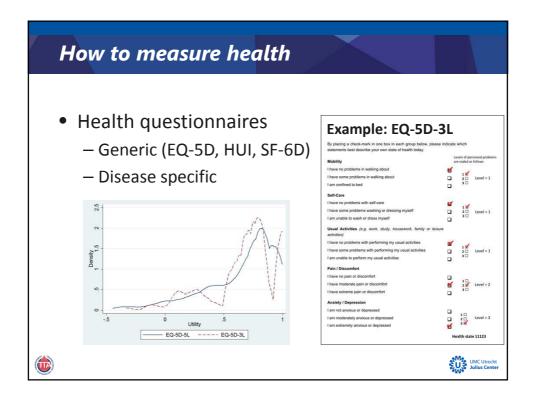


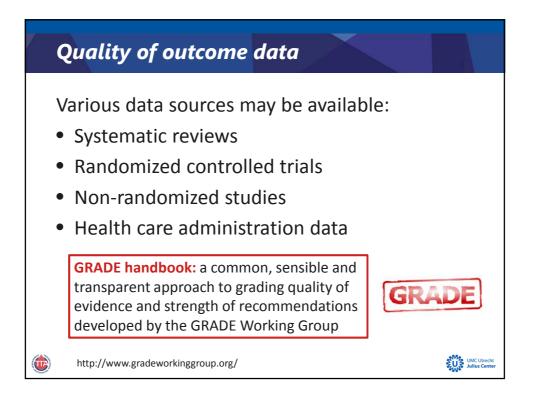


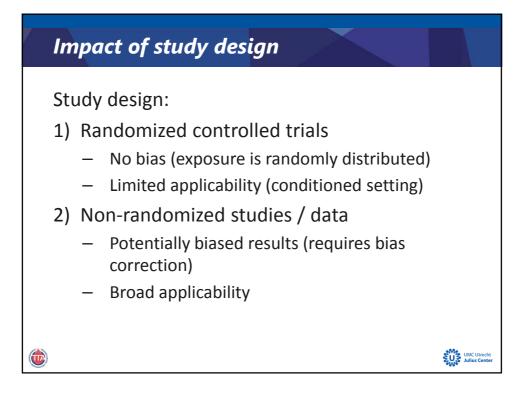


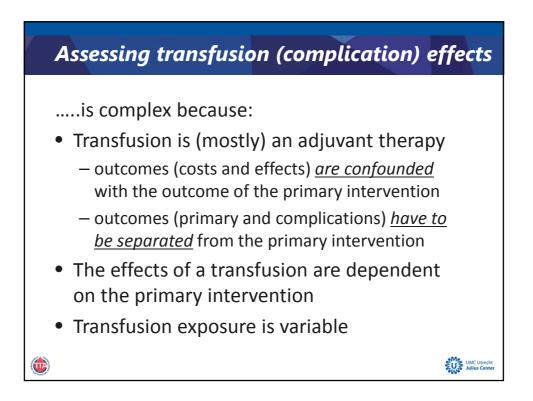


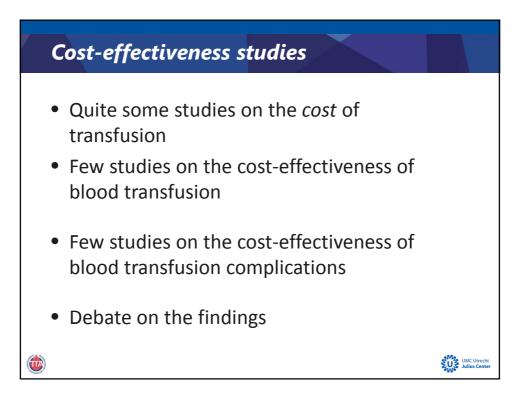


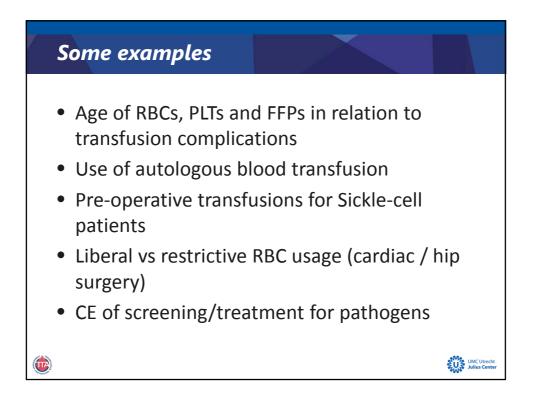


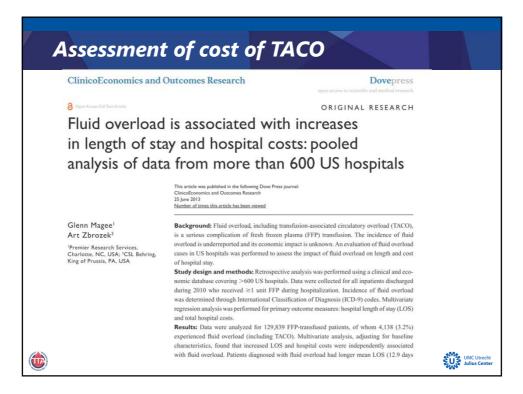








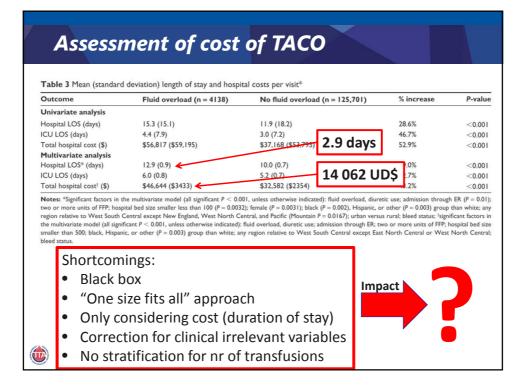




Assessment of cost of TACO

| 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, ^c 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, ^{d,e} 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), ^c 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% | |

