HSU weights from studies identified in SLR

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| **Author (Year)** | **HRQL Elicitation & scoring** | **Groups** | **Utility, Mean (SD) n** |
| Blakeman (2014) | EQ-5D  TTO   Assume Dolan UK weights | CKD Stage 3 (Placebo) at baseline  CKD Stage 3 (Placebo) at 6 months | 0.67 (0.30)  0.67 (0.29) |
| Briggs (2016) | EQ-5D-3L  TTO  Dolan UK weights | *Myocardial infarction* Short term effect Long term effect *Hospitalisation for unstable angina* Short term effect Long term effect *Heart failure* Short term effect Long term effect *Peripheral vascular event* Short term effect Long term effect *Stroke* Short term effect Long term effect *Bone fracture* Short term effect Long term effect *Parathyroidectomy* Short term effect Long term effect | Disutilities:  -0.12 -0.10  -0.11 -0.05  -0.11 -0.10  -0.31 -0.20  -0.20 -0.11  -0.31 -0.12  -0.06 0.01 |
| Davison (2008) | HUI-2  Assumed standard HUI methods (VAS & SG)  Canadian public | Pre-dialysis (n=116)  Dialysis (n=62) | 0.78 (0.17)  0.68 (0.22) |
| Davison (2009) | SF-6D  Assume standard SF-6D methods (SG)  Assume UK general public | Pre-dialysis (n=116)  Dialysis (n=62) | 0.69 (0.13)  0.62 (0.13) |
| Gorodetskaya (2005) | HUI-3  Assumed standard HUI-3 methods (VAS & SG)  Assumed Canadian public | GFR>=60 30<=GFR<60 15<=GFR<30 GFR<15, ND GFR<15, dialysis Dialysis  Long term follow up stage 4/5 pts Utility change | 0.67 (0.31) n=22 0.67 (0.31) n=50 0.55 (0.34) n=65 0.54 (0.35) n=28 0.54 (0.33) n=66 0.54 (0.31) n=38   -0.039 per year |
| Jardine (2017) | EQ-5D-3L  NR | Standard haemodialysis: 12-18 hours per week extended hemodialysis:24+ hours per week | 0.76 (0.25) n=100 0.79 (0.23) n=100 |
| Jesky (2016) | EQ-5D-3L  Dolan 1997 UK TTO weights | Stage G1/G2: normal Stage G3a: GFR 45-59 (mild reduction) Stage G3b: GFR 30-44 (moderate/severe) Stage G4: GFR 15-29 (severe reduction) Stage G5: GFR<15 (kidney failure) | 0.85 (0.70, 1.0) n=29 0.80 (0.69, 1.0) n=45 0.80 (0.68, 1.0) n=173 0.74 (0.62, 0.85) n=423 0.73 (0.62, 1.0) n=75 |
| Lee (2005) | EQ-5D-3L  Dolan 1997 UK TTO weights | Peritoneal dialysis Haemodialysis Pre-dialysis Renal Transplant | 0.53 (0.34) n=74 0.44 (0.32) n=95 0.57 (0.33) n=33 0.71 (0.27) n=204 |
| Manns (2002) | EQ-5D-3L  Dolan 1997 UK TTO weights | Kt/V<1.3 Kt/V>=1.3 All patients | 0.45 0.65 0.60 95%CI (0.55, 0.64) |
| Manns (2003) | EQ-5D-3L  Dolan 1997 UK TTO weights | HD Baseline  HD after 12 months  PD baseline PD after 12 months | Mean (std Error) 0.65 (0.027) 0.62 (0.030)  0.64 (0.063) 0.67 (0.046) |
| Manns (2009) | EQ-5D-3L  Dolan 1997 UK TTO weights | Haemodialysis patients, baseline | Mean (95%CI) 0.69 (0.63, 0.76) n=51 |
| Neri (2011) | EQ-5D-3L  Shaw, et al. USA TTO weights | Post-transplant CKD stage 1-2: GFR>60 Post-transplant CKD stage 3: GFR 59-30 Post-transplant CKD stage 4: GFR 29-15 Post-transplant CKD stage 5: GFR <15 | 0.88 (0.15) n=143 0.87 (0.14) n=172 0.87 (0.10) n=51 0.82 (0.12) n=19 |
| Ortega (2007) | EQ-5D-3L  TTO weights, possibly Spanish, report is ambiguous | Pre-transplant (ESRD) 3 months post-transplant 6 months post-transplant 12 months post-transplant | 0.74 (0.21) 0.81 (0.19) 1.0 (0) 0.82 (0.20) |
| Ortega (2009) | EQ-5D-3L  TTO weights, possibly Spanish, report is ambiguous | Pre-transplantation <60yrs Pre-transplantation > 60yrs  Post transplantation <60yrs Post transplantation >60yrs | 0.61 0.78  0.74 0.86 |
| Ortega (2013) | SF-6D  UK standard gamble weights | Graft clinical evaluation: Very good - good Average - bad | 0.78 n=170 0.61 n=24 |
| Pan (2018) | SF-6D   Hong Kong population weights, standard gamble | Total sample | 0.75 (0.11) n=315 |
| Wong (2019)a | SF-6D   Hong Kong population weights, standard gamble | Peritoneal dialysis Hospital haemodialysis Home haemodialysis Community haemodialysis | 0.78 (0.11) n=103 0.73 (0.11) n=135 0.78 (0.09) n=41 0.79 (0.11) n=118 |
| Abbreviations: CKD, chronic kidney disease; ESRD, end-stage renal disease; GFR, glomerular filtration rate; HRQOL, health-related quality of life; HUI, Health Utilities Index; NR, not reported; SD, standard deviation; SF-6D, Short Form questionnaire-6 Dimensions; SG, standard gamble; TTO, time trade-off ; VAS, visual analogue scale | | | |